

**RESULTS OF SITE REMEDIATION AND
REQUEST FOR NO FURTHER ACTION**

**FORMER APW FACILITY
777 FRONT STREET
BURBANK, CALIFORNIA**

(RWQCB File No. 109.6162)

Prepared for:

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
320 West 4th Street, Suite 200
Los Angeles, California 90013

Prepared by:

HYDRO GEO CHEM, INC.
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Tucson, Arizona 85705
(520) 293-1500

April 5, 2001

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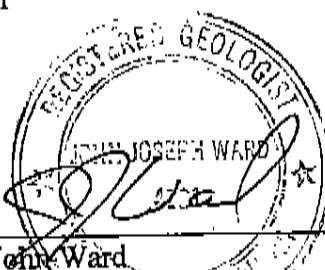
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April 5, 2001

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EXECUTIVE SUMMARY

This report describes remedial action completed at the former APW facility in Burbank, California, and provides the basis for a No Further Action (NFA) determination for the facility. Remediation was performed at the facility between May 1998 and October 2000 and has consisted of two phases of soil vapor extraction (SVE) for removal of volatile organic compounds (VOCs) in site soil. Each phase's remedial plans were approved by the California Regional Water Quality Control Board (Board) and remedial progress reports were regularly submitted to the Board. Active SVE was discontinued in mid-October 2000 to begin closure verification activities, pursuant to the Phase 2 No Further Action Plan (June 26, 2000) as approved by the Board.

Since remediation began in May 1998, approximately 8,000 pounds of VOCs have been removed from site soil via SVE. Of this total mass, 71% (5,700 pounds) consisted of chlorinated VOCs and 29% (2,300 pounds) consisted of petroleum hydrocarbon constituents. The occurrence of these petroleum hydrocarbons in the SVE influent stream was unexpected and extended the period of remediation.

Of the chlorinated VOC mass, approximately 70% was tetrachloroethene (PCE), 20% was trichloroethene (TCE), 7% was 1,1-dichloroethene (1,1-DCE), and 3% was 1,1,1-trichloroethane (1,1,1-TCA). More than 80% of the VOC mass was removed between May 1998 and mid-1999. During this period, VOC mass removal rates were a maximum of 30 pounds per day and an average of 15 pounds per day. From January to October 2000, the VOC mass removal rate averaged about 1.5 pounds per day, with approximately 10% of this mass consisting of chlorinated VOCs and 90% petroleum hydrocarbon constituents.

VOC concentrations have declined significantly in all areas. The decline in total VOCs in the 60 monitoring points used to assess remedial progress ranged between 94% and 99.8%, and averaged 99%. Maximum soil gas concentrations, detected in the shallowest sample at Boring B-2, declined from greater than 36,000 to 710 micrograms per liter, a 98% reduction.

VOC concentrations in all site soil between the land surface and approximately 60 to 85 feet below land surface declined below Phase 1 or Phase 2 cleanup goals for chlorinated VOCs and the soil cleanup standards for petroleum hydrocarbons. Analytical results from a few of the monitoring points closest to the water table indicate that VOC concentrations, mainly TCE, slightly exceed cleanup goals, and that the SVE remedial activities do not appear effective at reducing these concentrations. The TCE concentrations in the deep soil gas samples are believed to result from volatilization of TCE from the residual groundwater within the vadose zone as the water table declines, not from a source within shallower soil. Soil TCE concentrations have always been low relative to groundwater concentrations, suggesting an off-site source of TCE to groundwater.

Conclusions

1. Approximately 8,000 pounds of VOCs have been removed with the SVE system. The predominant VOCs removed have been PCE and petroleum hydrocarbon constituents, which accounted for 78% of the total mass removed. TCE, 1,1,1-TCA, and 1,1-DCE accounted for the remainder of the total mass removed.
2. SVE mass removal rates have declined from more than 30 to less than 1.5 pounds VOCs per day. Of these 1.5 pounds, approximately 90% of the mass was petroleum hydrocarbon constituents. The VOC mass removal rates showed asymptotic behavior, indicating that continuing SVE is of little benefit.
3. The SVE system has been effective in removing VOC concentrations to below cleanup goals for chlorinated VOCs in nearly all areas on site. The SVE system has removed petroleum hydrocarbons to concentrations below soil cleanup standards in the area where these were detected.
4. In the Boring B-2 area, shallow PCE concentrations rebounded, however, concentrations were less than Phase 1 cleanup goals. This rebound appears to be due to reduced SVE efficiency within an old concrete floor buried within a few feet of the surface in this area. Because of this floor and low PCE concentrations beneath this area, it is evident that this is not a continuing source area, and there is limited potential for significant downward migration of PCE.
5. Shallow and intermediate depth site soil has non-detectable or very low TCE concentrations. The source of TCE concentrations detected in deep soil gas samples near the water table is apparently from the groundwater from an off-site source, not from the shallower soil.

Recommendations

1. Soil cleanup goals have been substantially achieved and it is no longer efficient or cost effective to continue SVE. Therefore, further SVE is not justified or warranted.
2. The groundwater monitoring system has shown that groundwater movement beneath the site is very slow, and VOC concentrations in groundwater are not influenced by, or are correlatable to, shallow and intermediate depth soil concentrations. Therefore, continued groundwater monitoring is not warranted.
3. Because cleanup standards and goals have been substantially met, no further remedial action is recommended, and a NFA is appropriate for this site.

1. INTRODUCTION

This document presents results of site remediation activities including results and interpretation of closure sampling at the former APW property (facility), 777 Front Street in Burbank, California (Figures 1 and 2). Remedial activities were conducted on behalf of APW North America, Inc., a successor corporation to ZERO Corporation, by Hydro Geo Chem, Inc. (HGC).

Closure activities were conducted in accordance with a Work Plan for No Further Action Closure (HGC, 2000c), submitted to the California Regional Water Quality Control Board (Board) on June 26, 2000. The Work Plan for No Further Action Closure was approved in writing by the Board on October 2, 2000, and closure-related activities took place between October 2000 and January 2001. The work conducted during this investigation was under active supervision of a California Registered Geologist and California Certified Hydrogeologist.

1.1 Purpose

The objectives of the closure activities were to document the remedial action, to compare sampling results to closure criteria, and to provide the basis for a No Further Action (NFA) request for both the soil remediation system and the groundwater monitoring requirements.

This document also provides a summary of all investigation and remedial activities conducted at the site. Previous and recent groundwater analysis results are tabulated, as are soil gas analyses. The reference section provides a listing of all reports of environmental investigations at the facility that have been previously submitted to the Board.

1.2 Scope

The Work Plan for NFA Closure (HGC, 2000c) included the following activities:

1. Shutting off the soil vapor extraction (SVE) system,
2. Collecting a round of soil gas samples from all deep SVE wells and multi-level soil gas monitoring probes,
3. Monitoring organic vapor concentrations for a three-month period,
4. Resampling soil gas from all deep SVE wells and multi-level probes,
5. Collecting a round of groundwater samples from the nine facility groundwater monitoring wells for analysis of volatile organic compounds (VOCs); including 1,4-dioxane.

In the Board's October 2, 2000, approval letter, three additional conditions were required:

1. The detection limit for 1,4-dioxane should be 0.5 micrograms per liter ($\mu\text{g/L}$), instead of the 3 $\mu\text{g/L}$ limit (current advisory action level) proposed.
2. Activities must be supervised or conducted by a California registered professional (geologist, engineering geologist, civil or geotechnical engineer).
3. An updated health and safety plan must be on site and followed.

HGC attempted to resolve the 1,4-dioxane detection limit difference by discussing capabilities with several laboratories and with the California Department of Health Services. The best reliable detection limit was determined to be 2 µg/L. This was discussed with Mr. Elijah Hill of the Board, who subsequently approved the 2 µg/L detection limit. Conditions 2 and 3 were fully complied with.

After work plan approval, HGC advised Board staff of the field activities schedule. The SVE system was shut off on October 24, 2000, and a round of soil gas sampling was conducted October 24 through 27, 2000. Groundwater sampling was conducted between November 29 and December 1, 2000. The final round of soil gas sampling was conducted January 30 through February 2, 2001.

1.3 Site Description

The site is a closed manufacturing facility in Burbank, California, comprising approximately eight acres, as shown on Figure 2. Vacant warehousing, manufacturing, and office buildings take up approximately 75% of the facility, and the remaining area is asphalt-covered and was used for parking, driveways, and storage. The site is bordered by old Front Street and Interstate 5 on the north and northeast, Burbank Boulevard and County Flood Control Channel on the west and northwest, and New Front Street and the Southern Pacific Railroad tracks on the south. The facility lies on a

southeasterly-sloping alluvial surface of the San Fernando Valley. Site elevations range from 573 feet above mean sea level (amsl) in the southeast corner, to 590 feet amsl in the northwest corner.

The history of industrial operations at the site dates from the 1930s (Targhee, Inc., 1991a). ZERO Corporation purchased the property in the early 1960s. ZERO Corporation operations included manufacture of metal enclosures in Buildings 11 through 14. Building 10 housed administrative offices, and Building 15 housed the maintenance department. ZERO Corporation leased a parcel of land between the manufacturing buildings and the Southern Pacific Railroad tracks from Southern Pacific Transportation Company for storage and parking. Manufacturing at the plant was discontinued in December 1991 and by early 1992 all manufacturing equipment and materials had been removed from the facility. The property is currently inactive.

The leased area between Buildings 11 through 14 and the railroad tracks was sold by Southern Pacific to the City of Burbank in 1998, on which the new Front Street was constructed. Old Front Street was closed upon opening of the new Front Street in June 1999. In 1998 the Burbank facility was sold to the Ford Leasing Development Company (FLDC).

2. SUMMARY OF INVESTIGATION ACTIVITIES

2.1 Site Investigation and Remediation Activities

Environmental site investigation activities by Targhee, Inc., included a site audit (Targhee, 1991a) and a subsurface investigation of storage and use areas (Targhee, 1991b). Samples were collected from 21 borings at various depths to a maximum of 20 feet below land surface (ft bls). These locations are shown on Figure 3, and analytical results are summarized in Table 1. Predominant VOCs detected in these samples were tetrachloroethene (PCE) and 1,1,1-trichloroethane (1,1,1-TCA), with minor detections of other VOCs; such as trichloroethene (TCE) and 1,1-dichloroethene (1,1-DCE). The results were reported by Targhee, Inc. to the Board in 1991 and were also summarized in HGC's subsurface investigation report (HGC, 1992c).

In January 1992, at the request of the Board, HGC conducted a soil gas survey at the facility using removable soil gas drive points installed to depths of between 5 and 28.5 ft bls and an on-site mobile laboratory. The results of this investigation were reported to the Board in February 1992 (HGC, 1992a). Figure 4 shows locations of all drive point soil gas samples and results are tabulated in Appendix A. The results supported the earlier testing and delineated areas of PCE and 1,1,1-TCA in soil gas. The results also confirmed that 1,1,1-TCA and 1,1-DCE concentrations were correlated, and that TCE concentrations were mostly 10 to 100 times less than PCE concentrations.

A work plan for a supplemental site investigation including installation of eight multi-level soil gas monitoring probes and six groundwater monitoring wells was submitted to the Board on June 24, 1992 (HGC, 1992b), and approved by the Board on June 30, 1992. This work was completed and results were submitted in September 1992 (HGC, 1992c). Four additional groundwater monitoring wells, three of them on City of Burbank property along Front Street, were installed in November and December 1992 (HGC, 1993a). Results from quarterly, semi-annual, and annual groundwater monitoring from these wells have been reported in the various groundwater monitoring reports listed in the References section. A listing of all groundwater sampling results is provided in Appendix B.

In response to a December 15, 1993, request from the Board, a work plan to determine the feasibility of soil remediation using SVE was prepared and submitted to the Board on February 25, 1994 (HGC, 1994a). The Board approved the plan on April 25, 1994, and the Air Quality Management District permitted operation of the SVE unit on October 6, 1994. Additional soil gas monitoring probes and a deep SVE well were installed and pilot testing was conducted in November and December 1994. The report of test results was submitted to the Board on February 22, 1995 (HGC, 1995a). This was followed by a soil remediation work plan, based on the Board's VOC-cleanup screening level procedure (California Regional Water Quality Control Board, 1996), and submitted to the Board in January 1996 (HGC, 1996a). The Board approved this work plan (subsequently called the Phase 2 Remedial Plan) and screening levels in February 1996. To accommodate construction of the new Front Street, the City of Burbank requested the installation

of an additional soil gas monitoring probe (B-12, installed in June 1999 [HGC, 1999d]), and also requested changes in the number and locations of SVE wells.

In the fall of 1997, ZERO Corporation began negotiations with FLDC for sale of the facility. To accommodate FLDC's then-proposed property development a shallow soil cleanup work plan (the Phase 1 Remedial Plan) was developed and submitted to the Board on December 18, 1997 (HGC, 1997). The Phase 1 SVE work plan was approved in writing by the Board on December 22, 1997. The system was constructed in March and April 1998 and was operated between May 1998 and April 1999. Figures 5, 6, and 7 show locations of shallow SVE wells, injection wells, and vapor monitoring probes installed for the Phase 1 system, respectively. Reports documenting Phase 1 progress were submitted to the Board on a regular basis during the remediation period (HGC, 1998b-d, 1999a-d).

Once monitoring results indicated that Phase 1 cleanup goals had been achieved, a Phase 1 Closure Verification Sampling Plan was prepared and submitted to the Board on April 21, 1999 (HGC, 1999c). On June 24, 1999, the Board approved the work plan and directed APW to complete verification sampling and submit its report by September 1999. The work plan elements were conducted in July 1999 and the results showed that Phase 1 cleanup goals had been attained in the Phase 1 cleanup area. The report documenting these results and requesting closure of the Phase 1 remedial system was submitted to the Board on August 11, 1999 (HGC, 1999f). The Board has not acted on this request.

The Phase 2 SVE system was incrementally incorporated into the Phase 1 system during the fall and winter of 1998. The Phase 2 system became fully operational in early March 1999 and was operated at full capacity once the Phase 1 system was shut down in April 1999. The system consisted of 19 deep SVE wells, 14 of which were dual-completion allowing air injection near the water table (Figure 8). Phase 2 system construction is described in the April 13, 1999 monitoring report (HGC, 1999b). Cleanup progress was monitored by organic vapor measurements and soil gas sampling from the deep SVE wells and in multi-level soil gas monitoring probes (Figure 9). Reports of Phase 2 remedial progress were submitted to the Board on a periodic basis since the beginning of Phase 2 remedial activities (HGC, 1999b, 1999d, 1999g, 2000a, 2000b, 2001).

By February 2000, monitoring data indicated that the Phase 2 cleanup levels had been attained. On June 26, 2000, HGC submitted a work plan for site closure based on remedial progress and on concerns raised by the Board during a February 25, 2000 meeting. The Board approved the work plan on October 2, 2000, with the additional conditions added to their approval, as described above in Section 1.2. Closure activities; consisting of two rounds of soil gas sampling, rebound monitoring, and groundwater sampling, were conducted between October 2000 and January 2001.

2.2 Site Hydrogeologic Conditions

The facility lies in the San Fernando Valley, part of the Upper Los Angeles River watershed. Nearest bedrock outcrops are in the Verdugo Mountains north of the site. Drainage is toward the

southeast into the Los Angeles River. In the vicinity of the site, drainage is into the concrete-lined Burbank Western Flood Control Channel (Figure 2). There are no perennial streams near the site.

Thickness of the valley fill deposits beneath the facility is not known, but is believed to be less than 600 feet (ft) (Yerkes and others, 1965). The valley fill deposits are generally consolidated; the composition of which is dependent on source rock, distance from the source, and amount of reworking by streams after deposition. Valley fill in the vicinity of the site is highly heterogeneous and primarily coarse-grained (sand, gravel, cobbles), with 10 to 50% fines (silt and minor clay).

Site lithologic conditions have been evaluated to a depth of 160 ft bls. Fines predominate in fill near the surface beneath the buildings, extending to about eight feet below grade in most areas, and as deep as 20 feet below grade in others (HGC, 1992c). Some of this fill may contain concrete rubble or intact concrete floors in the Building 11 and 12 areas. Geologic cross sections prepared from logs of boreholes drilled at the facility indicate variable lithologies which do not correlate from boring to boring, that is, there are no strong mapable units within the depth of investigation.

Groundwater is encountered at depths ranging from 94 ft bls in MW-3 to 126 ft bls in MW-7. Groundwater levels have shown significant changes since site monitoring began in 1992. As shown on Figure 10, water levels rose nearly 20 ft from early 1993 to 1996. The water table elevation in 1998 was probably at an historic high since at least the early 1950s (HGC, 1992c). Water levels have declined about 25 ft since then. Currently, water levels are lowest since the early 1970s.

Groundwater flow directions and gradients beneath the facility since monitoring began in 1992 are shown in a series of maps on Figure 11. All groundwater level measurements in facility monitoring wells are listed in Appendix C. Groundwater flow directions have ranged between southwest and northeast, a direction shift of about 180 degrees. These changes are due primarily to pumping, either by the City of Burbank (south of the site) or by Lockheed (northwest of the site). Gradients have ranged between 2×10^{-3} and 7.6×10^{-3} feet/foot (ft/ft) (11 and 40 ft per mile) and average 3.8×10^{-3} ft/ft. These gradients are considered slight, and indicate a comparatively slow groundwater flow rate.

2.3 VOCs in Facility Groundwater Monitoring Wells

2.3.1 VOC Occurrence and Distribution

Groundwater has been monitored on- and off-site and groundwater samples have been collected from all facility groundwater monitoring wells since 1992 and have been reported to the Board. All of the VOCs that have been detected in groundwater samples are listed in Table 2 (including the most recent sampling results, discussed below), ranked by detection frequency. The list includes most analytes determined using Environmental Protection Agency (EPA) analytical methods 8240, 8260 or 524.2. (1,4-dioxane was analyzed by EPA method 8270.)

The predominant VOCs detected in groundwater samples have been TCE, chloroform, and PCE. Other VOCs that have been detected in at least several samples are 1,1-DCE, cis-1,2-dichloroethene, and 1,1,1-TCA, although the latter two have not been detected above their maximum contaminant levels (MCLs). Chloroform is a recognized contaminant in much of the regional basin groundwater, thought to be a chlorination byproduct of recharge water. It has not been detected above its MCL and is not discussed further.

Concentrations of TCE above its maximum contaminant level (MCL) have been detected in samples from wells MW-1, MW-2, MW-3, MW-9, and MW-10. Maximum TCE concentrations have ranged from 830 to 6,200 µg/L. On the other hand, the highest concentrations of PCE have been detected in samples from wells MW-6, MW-7, and MW-10 at a maximum concentration of 100 µg/L. Since 1998, the maximum PCE concentration has been 11 µg/L. We have found that there is no statistical correlation between PCE and TCE detections or concentrations in groundwater samples, suggesting that the groundwater TCE does not occur due to degradation of PCE

However, a strong inverse correlation is apparent between groundwater TCE concentrations and water table movement beneath the site, as shown on Figure 12. The lowest TCE concentrations have corresponded with a high water table in 1995, 1996, and 1998 and higher TCE concentrations occurred in 1992, 1997, and 2000, corresponding with a lower water table. As discussed in previous reports (HGC, 1995d; 1999b; 2000b), these variations are explained by the vertical distribution of TCE in the groundwater. At low groundwater levels, water samples from facility monitoring wells reflect conditions

within a few feet of the water table, and these samples have had higher TCE concentrations. At high groundwater levels, the water samples reflect conditions of greater saturated thickness, usually about 20 ft below the water table, and these samples have had comparatively lower TCE concentrations.

Because no source of TCE has been detected in shallow soil beneath the facility, either from subsurface exploration, soil gas monitoring, or the extensive SVE activities, no on-site source of TCE to groundwater is evident. Instead, the soil gas sampling results indicate that the source of TCE in soil gas samples closest to the water table is volatilization of TCE from the residual groundwater within the vadose zone as the water table declines.

2.3.2 Results of November 2000 Groundwater Sampling

Groundwater samples were collected from the groundwater monitoring wells between November 28 and December 1, 2000. The following procedures were followed for this sampling round. After groundwater levels were measured, a Redi-Flow II, 2-inch-diameter submersible, stainless-steel pump was then set in the well approximately 10 ft below the static water level.

Each well was then purged of standing water from the wellbore to ensure that sampled groundwater was representative of formation conditions. Wells were purged at rates between 0.5 and 1.5 gallons per minute (gpm). At least three, wetted-casing volumes of water were pumped from each well. Water temperature, pH, electrical conductivity, and turbidity were monitored during sampling. Purge volumes, pumping rates, and field measurements are listed in *Groundwater*

Sampling Forms (Appendix D). Purge water was temporarily stored in 55-gallon drums, pending treatment and discharge pursuant to the facility NPDES permit (CAG 990000).

When the minimum number of casing volumes had been pumped and the field-measured parameters were relatively stable, groundwater was sampled using a disposable polyethylene bailer. Sample containers were obtained from Weck Labs in City of Industry, California. Samples for VOC analyses were contained in pre-acidified, 40-milliliter glass volatile organic analysis (VOA) vials with Teflon®-lined septa.

VOC sampling procedures consisted of filling two VOA vials from the bailer, making sure that sample agitation and air entrapment were minimized, that hydrochloric acid preservative was not lost during filling, and that air bubbles were not present after capping. All samples were labeled with the sample location, time, and date; enclosed in ziplock bags; and placed on ice in a cooler. A chain-of-custody form was included with each laboratory shipment. Samples were analyzed for VOCs by gas chromatography and mass spectrometry using EPA Drinking Water Method 524.2. Samples were analyzed for 1,4-dioxane using EPA Method 8270 (modified). Analytical reports are provided in Appendix E. Water Quality Control Board report forms are provided in Appendix F. Analytical results for this sampling round are summarized in Table 4 and results from all previous sampling rounds are listed in Appendix B.

Between sampling locations, the external portions of the pump and other sampling equipment were thoroughly cleaned with a soap and tap water solution and rinsed in tap water. Cleaning

solution was then circulated through all internal portions of the pump and tubing followed by a tap water rinse. Cleaning water was stored in 55-gallon drums and disposed of with the purge water for subsequent disposal as described above.

Results are listed in Table 3 and are displayed for TCE and PCE on Figure 13. The results indicate that TCE, chloroform, and PCE are the primary VOCs detected in groundwater samples, in agreement with previous results. TCE was detected above its MCL in eight of nine samples, and PCE was detected above its MCL in two of nine samples. Cis-1,2-DCE was detected above its MCL in one of nine samples. The compound 1,4-dioxane was not detected in any groundwater sample.

TCE concentrations increased in five samples and decreased in four samples compared to the previous sampling round. Increases in TCE concentrations occurred in samples from MW-1, MW-2, MW-3, MW-5, and MW-8, while samples from the remaining wells showed decreases. PCE concentrations increased slightly in seven samples (an average increase of 2.7 $\mu\text{g/L}$). The remaining two samples decreased in concentration.

Although the mass of petroleum hydrocarbon constituents removed by SVE from site soil has been significant, no petroleum hydrocarbon constituents (benzene, toluene, ethylbenzene, or xylenes [BTEX]) were detected in groundwater samples. The gasoline additives methyl tert butyl ether (MTBE) and ethylene dibromide (EDB) have not been detected in these or previous groundwater samples. Furthermore, MTBE has not been detected in previous soil gas samples.

3. RESULTS OF SOIL VAPOR EXTRACTION

The results of SVE performance are discussed in terms of effectiveness at 1) VOC mass removal, 2) reduction in VOC concentrations, and 3) continued efficiency or cost-effectiveness.

3.1 VOC Mass Removal

Mass removal rates have been tabulated in previous progress reports and are summarized in Table 4, which lists cumulative mass removed and mass removal rates for each quarter. The total mass removed is calculated at approximately 8,000 pounds. Of this total, about an equal mass of VOCs was removed during each phase of remediation.

When wells SVE-8 and SVE-15 came on line in early 1999, the predominant VOCs detected in soil gas from these wells was petroleum hydrocarbon constituents (Appendix A and Table 5). Through 1999, an increased proportion of total VOCs came from these wells, as is indicated by the increasing mass of petroleum hydrocarbons listed in Table 4. The total mass of petroleum hydrocarbon constituents removed from the site is approximately 29% of the total VOC mass.

The chlorinated VOCs removed from site soil are (by decreasing mass): PCE, TCE, 1,1-DCE, and 1,1,1-TCA. PCE was the main VOC removed, accounting for approximately 50% (4,000 pounds) of the entire VOC mass and nearly 70% of the chlorinated VOC mass removed.

During Phase 1, PCE accounted for more than 90% of the total VOC mass removed. The remaining chlorinated VOCs removed amounted to 20% for TCE, 7% for 1,1-DCE, and 3% for 1,1,1-TCA.

As can be seen in the quarterly total in Table 4, most of the total VOC mass removed from site soil occurred between Phase 1 startup in May 1998 and mid-1999. This amounted to more than 6,300 pounds, or 79% of the total mass removed. During this period, VOC mass removal rates reached a maximum of 30 pounds per day in early 1999, and averaged 15 pounds per day.

From January 2000 to system shut down in October 2000, the VOC mass removal rate averaged about 1.5 pounds per day. The mass removed during this period was about 88% petroleum hydrocarbon constituents and about 12% chlorinated VOCs. In terms of effectiveness, the decreasing mass removal rates are shown below to be a function of decreasing VOC soil concentrations.

3.2 VOC Concentrations

VOC concentrations in all soil gas samples have been tabulated in Appendix A. Soil gas analytical results from closure sampling conducted in October 2000 and January 2001 are appended in Appendices G and H.

Table 5 provides a summary of all VOCs detected in each soil gas sampling round for all Phase 2 (deep) SVE wells and for all multi-level soil vapor monitoring wells. The chlorinated VOC results from this table are provided as graphs in Plates 1 and 2, showing spatial and temporal distributions of VOCs before, during, and after remedial activities. These distributions are also shown on Figures 14 through 22. Each of these figures shows soil concentrations of PCE, TCE, and 1,1,1-TCA prior to and subsequent to remediation for each of three soil depths: shallow, corresponding to depths between 0 and 25 ft; intermediate, corresponding to depths between approximately 25 and 60 ft; and deep, corresponding to depths between 60 and 85 ft.

Prior to remedial activities, maximum VOC concentrations were detected in the shallow soil gas samples from B-2 and B-3 (PCE) and MW-3 (1,1,1-TCA), shown on Figure 15. Intermediate level maximum concentrations were also detected in these probes (Figure 18). Deep-level maximum concentrations were highest in probes B-2 and B-3 (Figure 21). The distribution of PCE and TCE in the shallow soil gas were spatially similar and centered in Buildings 11 and 12, while the distributions of 1,1,1-TCA and 1,1-DCE were also spatially similar and were centered in the northwest corner of Building 11 and the southeast corner of Building 14.

During SVE remediation, VOC concentrations declined in all SVE areas. Vapor phase PCE concentrations in boring B-2 at 25 ft declined from 36,000 µg/L to 25 µg/L (subsequently rebounding to 710 µg/L), and the 50-foot sample declined from 16,000 µg/L to non-detectable (with a slight rebound to 16 µg/L, Table 5). Similar decreases occurred at all monitoring points where

pre-remedial concentrations were in the 1,000 to 10,000 µg/L range. Decreases in total chlorinated VOCs ranged between 94 and 99.8%, and averaged 99% for all 60 soil gas monitoring points used to assess remedial progress at the site (Table 5). Decreases in petroleum hydrocarbon constituents, detected primarily in SVE-8 and SVE-15, ranged between 76% and 93%.

High pre-remedial concentrations of 1,1,1-TCA and 1,1-DCE were reduced at all monitoring points to levels below detection, except at Borings B-12 and MW-3. In the deep soil gas samples from those probes, 1,1-DCE was detected at 10 and 32 µg/L, respectively. This represents a 63-fold reduction in 1,1-DCE at MW-3. (No pre-remedial values are available from B-12, as it was installed after remediation began.)

VOC concentrations in all site soil between the surface and 60 to 75 ft. bls (shallow and intermediate depths) declined to less than the Phase 1 or Phase 2 soil cleanup goals for chlorinated VOCs (Table 6). Also, concentrations of all petroleum hydrocarbon constituents in SVE-8 and SVE-15 samples declined to less than the maximum soil screening levels listed in Table 7.

Analytical results from 7 of 35 deep soil gas samples within the 75- to 85-ft bls range indicate that VOC concentrations, mainly TCE, slightly exceed cleanup goals for those depths. These concentrations cannot be attributed to shallower soil beneath the site because this soil did not have significant TCE concentrations. Instead, the shallow- and intermediate-zone soil primarily contained PCE, which has been removed to very low concentrations through remediation. The TCE

concentrations in these deep soil gas samples correspond with TCE concentrations in the groundwater, and are believed to result from volatilization of TCE at the water table, as described in more detail in Section 2.3.1.

The post-remedial deep soil gas sample results from MW-3 and B-12 indicate the occurrence of 1,1,1-TCA and 1,1-DCE (Table 5). These VOCs do not occur in the shallower samples from those locations. Because SVE would draw soil vapors past B-12 and MW-3 toward SVE-4 (Figure 8), a non-facility source of these VOCs, probably in a southwesterly direction from SVE-4 and B-12, is indicated. It should be noted that since 1993, the only detection of either of these VOCs in groundwater samples from MW-3, the closest monitoring well, has been 1,1-DCE at 0.7 $\mu\text{g/L}$.

In the Boring B-2 area, site exploration and remedial information indicate that the rebound in PCE concentration in the shallowest soil gas sample from 25 to 710 $\mu\text{g/L}$ may be due to reduced SVE efficiency within an old concrete floor area buried within a few feet of the surface. The area may also include footings and stem walls, which would impede soil vapor flow. This rebound concentration does not exceed the Phase 1 cleanup goal. Furthermore, the B-2 sample at 50 ft (Table 5) indicates PCE concentrations less than the Phase 2 cleanup goals. The PCE concentrations indicate a limited extent of PCE (local to the B-2 vicinity) and a limited potential for significant downward migration of PCE.

3.3 Remedial Efficiency

Remedial efficiency may be measured using SVE cost, extraction rates, or other performance or energy ratings. Remedial efficiency in terms of VOC mass removed per standard cubic foot of gas extracted is calculated in Table 8. Results indicate that the maximum remedial efficiency occurred during the November 1998 - January 1999 quarter. Since then, overall remedial efficiency has declined by a factor of six. In terms of chlorinated VOCs, remedial efficiencies have declined by a factor of 50. Remedial efficiency has remained fairly constant over the past three quarters because the overall extraction flow rate has been reduced and efforts concentrated on fewer active SVE wells. Because most of the remaining VOCs are petroleum hydrocarbons, the extraction efficiency for chlorinated VOCs is considerably less than this overall efficiency, as Table 8 indicates.

The cumulative VOC mass removed is shown on Figure 23. The asymptotic behavior of both the overall and chlorinated VOC curves is evident. This behavior shows that, from an efficiency and cost-effectiveness point-of-view, continued SVE is inefficient and of little benefit.

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

SVE has been conducted at the facility in two phases and was run on a continual basis between May 1998 and October 2000. Nearly 8,000 pounds of VOCs have been removed by the SVE system. The predominant VOCs removed have been PCE (4,000 pounds) and petroleum hydrocarbon constituents (2,300 pounds), accounting for 79% of the total mass removed. TCE, 1,1,1-TCA, and 1,1-DCE have been the remaining VOCs detected in the SVE system, accounting for 21% (1,700 pounds) of the total mass removed.

SVE mass removal rates have declined fifteen-fold, from more than 30 pounds to approximately 1.5 pounds VOCs per day. Of this, approximately 90% is petroleum hydrocarbon constituents. Overall extraction efficiencies have declined by a factor of six, and chlorinated VOC extraction efficiencies have declined by a factor of 50. VOC mass removal rates over time show asymptotic behavior, indicating the inefficiency and marginal benefit of continuing SVE.

VOC concentrations have declined significantly in all areas. The decline in total VOCs in the 60 monitoring points used to assess remedial progress ranged between 94% and 99.8%, and averaged 99%. Decreases in petroleum hydrocarbon constituents ranged between 76% and 93%. Maximum soil gas concentrations, detected in the shallowest sample at Boring B-2, declined from

greater than 36,000 to 710 $\mu\text{g/L}$, a 98% reduction. The SVE system has been effective in removing VOC concentrations to below cleanup goals for chlorinated VOCs and petroleum hydrocarbon constituents in nearly all areas on site.

In the Boring B-2 area, shallow PCE concentrations rebounded above Phase 2 screening levels (although concentrations are less than the Phase 1 cleanup goals). This appears to be due to trapping of VOCs and low SVE sweeping efficiency above old concrete flooring, supports, or stem walls known to exist within a few feet of the surface in this area. Because of this and low PCE concentrations beneath this area, there is limited potential for significant downward migration of PCE.

Shallow and intermediate depth site soil have non-detectable or very low TCE concentrations. The current source of TCE concentrations in deep soil gas samples near the water table is either within the groundwater or capillary fringe area, not from the shallow or intermediate depth soil. As discussed in previous monitoring reports, site soil does not appear to be a source of TCE to groundwater beneath the site, because soil TCE concentrations have always been low relative to groundwater concentrations.

4.2 Recommendations

1. Because soil cleanup goals have been substantially achieved for both chlorinated VOCs and petroleum hydrocarbons, it is no longer efficient or cost-effective to continue SVE. SVE should be discontinued.

2. The groundwater monitoring system has shown that groundwater movement beneath the site is very slow, and that VOC concentrations in groundwater are not influenced by, or appear correlated with, shallow and intermediate depth soil concentrations. Therefore, continued groundwater monitoring should be discontinued.

3. Because Phase 2 screening levels have been substantially met across the site, no further remedial action is recommended and a NFA should be granted.

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TABLES

TABLE 1
Summary of Soil Sampling Results From 1991 Targhee Investigation

Targhee Boring	Sample Depth (ft)	TPH (mg/kg)	1,1-DCE	1,1-DCA	1,2-DCA	PCE	1,1,1-TCA	1,1,2-TCA	TCE	Toluene
							(µg/kg)			
CSA-1	1	240	nd	310	nd	230	6,300	nd	nd	nd
	5	nd	nd	nd	8.4	nd	52	28	nd	nd
	10	nd	nd	nd	8.2	nd	30	23	nd	nd
	15	nd	nd	nd	46	nd	55	23	nd	nd
	20	nd	nd	280	65	nd	690	65	nd	nd
CSA-2	1	nd	nd	nd	nd	530	180	nd	nd	nd
	5	nd	nd	nd	nd	26	12	nd	nd	nd
	10	nd	nd	nd	nd	35	29	nd	nd	nd
	15	nd	7.4	nd	nd	7.6	41	nd	nd	nd
	20	nd	14	nd	nd	11	110	nd	nd	nd
OSA-1	1	nd	nd	nd	nd	43	3	nd	nd	nd
OSA-2	1	70	nd	nd	nd	nd	nd	nd	nd	6.4
	5	nd	nd	nd	nd	58	6.7	nd	58	nd
OSA-3	1	18	nd	nd	nd	23	nd	nd	nd	nd
PSA-1	1	460	nd	nd	nd	15	nd	nd	nd	nd
PSA-2	1	nd	nd	nd	nd	20	nd	nd	nd	nd
	5	nd	nd	nd	nd	nd	nd	nd	nd	nd
SSA-1	5	40	nd	nd	nd	nd	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
	15	nd	nd	nd	nd	nd	nd	nd	nd	nd
	20	nd	nd	nd	nd	nd	nd	nd	nd	nd
SSA-2	1	7.2	nd	nd	nd	nd	nd	nd	nd	nd
	5	nd	nd	nd	nd	9.3	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
CL-1-N	2.5	95	nd	nd	nd	nd	9.1	nd	nd	nd
CL-1-S	2.5	85	nd	nd	nd	nd	nd	nd	nd	nd
	5	nd	nd	nd	nd	nd	nd	nd	nd	nd
	10	15	nd	nd	nd	nd	nd	nd	nd	nd
CL-2-E	3	nd	nd	nd	nd	28	nd	nd	25	nd
	5	nd	nd	nd	nd	9.2	nd	nd	12	nd
CL-2-W	2.5	18	nd	nd	nd	16	nd	nd	28	nd
	5	nd	nd	nd	nd	6.3	nd	13	nd	nd
L-3-E	2.5	nd	nd	nd	nd	20	nd	nd	nd	nd
L-3-W	2.5	84	nd	nd	nd	27	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
	20	nd	nd	nd	nd	nd	nd	nd	nd	nd
CL-4-N	2.5	nd	nd	nd	nd	nd	nd	nd	nd	nd
	5	nd	nd	nd	nd	nd	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
CL-4-S	2.5	18	nd	nd	nd	nd	nd	nd	nd	nd
	5	nd	nd	nd	nd	nd	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
ACS	1	15,000	nd	nd	nd	15,000	31,000	nd	nd	nd
	5	na	nd	nd	nd	180	240	nd	nd	nd
	10	nd	nd	nd	nd	nd	170	nd	nd	nd
	15	14	nd	nd	nd	nd	95	nd	nd	nd
	20	nd	nd	nd	nd	nd	1,100	nd	nd	nd
ACS-2	1	580	nd	nd	nd	170	72	nd	nd	nd
	5	13	nd	nd	nd	nd	nd	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd
RWS-1	1	nd	nd	nd	nd	57	120	nd	nd	nd
	5	nd	nd	nd	nd	8.5	35	nd	nd	nd
	10	na	nd	nd	nd	6.2	90	nd	nd	nd
	15	nd	nd	nd	nd	nd	35	nd	nd	nd
	20	nd	nd	nd	nd	nd	nd	nd	nd	nd
RWS-2	1	na	nd	nd	nd	110	380	43	nd	nd
	5	nd	nd	nd	nd	5	38	nd	nd	nd
	10	nd	nd	nd	nd	nd	nd	nd	nd	nd

Notes Summary lists only those analytes that were detected
 TPH: Total Petroleum Hydrocarbons, method 418.1
 VOCs were analyzed by EPA Methods 8010 and 8021
 na: Not analyzed
 nd: Not detected. Detection limits variable
 Results reported in Targhee, 1991c

TABLE 2
Statistical Summary of Groundwater Sampling Results

Compound	Number of samples	Number of Detections	Detection Frequency	Max. Concentration (ug/L)	Number of Detections above MCL	MCL ^a (ug/L)
Trichloroethene	186	165	88.7%	6,200	137	5.0
Chloroform (total THM)	183	146	79.8%	14	0	100 ^b
Tetrachloroethene	181	142	78.5%	100	60	5.0
cis-1,2-Dichloroethene	186	45	24.2%	36	0	70
1,1-Dichloroethene	186	43	23.1%	39	7	7.0
1,1,1-Trichloroethane	185	31	16.8%	12	0	200
Toluene	186	16	8.6%	23	0	150
1,1,2-Trichloroethane	186	12	6.5%	10	3	5.0
1,2-Dichloroethane	186	7	3.8%	1.8	0	5.0
Benzene	186	6	3.2%	1.6	1	1.0
trans-1,2-Dichloroethene	186	6	3.2%	2.3	0	100
Chloromethane	186	3	1.6%	2.5	0	none
Bromoform	186	2	1.1%	0.63	0	100 ^b
1,2,3-Trichlorobenzene	186	1	0.5%	0.9	0	none
1,2,4-Trichlorobenzene	186	1	0.5%	0.6	0	70
2,2-Dichloropropane	186	1	0.5%	1.3	0	none
Hexachlorobutadiene	186	1	0.5%	0.5	0	none
Methylene Chloride	186	1	0.5%	0.59	0	5.0
1,1,1,2-Tetrachloroethane	186	0	0.0%	nd	0	none
1,1,1,2,2-Tetrachloroethane	186	0	0.0%	nd	0	1.0
1,1-Dichloroethane	186	0	0.0%	nd	0	5.0
1,1-Dichloropropene	186	0	0.0%	nd	0	none
1,2,3-Trichloropropane	186	0	0.0%	nd	0	none
1,2,4-Trimethylbenzene	186	0	0.0%	nd	0	none
1,2-Dibromo-3-Chloropropane (DBCP)	186	0	0.0%	nd	0	0.2
1,2-Dibromoethane (EDB)	186	0	0.0%	nd	0	0.05
1,2-Dichlorobenzene	186	0	0.0%	nd	0	600
1,2-Dichloropropane	186	0	0.0%	nd	0	5.0
1,3,5-Trimethylbenzene	186	0	0.0%	nd	0	none
1,3-Dichlorobenzene	186	0	0.0%	nd	0	75
1,3-Dichloropropane	186	0	0.0%	nd	0	none
1,4-Dichlorobenzene	186	0	0.0%	nd	0	5.0
1,4-Dioxane	9	0	0.0%	nd	0	3.0
2-Butanone (MEK)	27	0	0.0%	nd	0	none
2-Chlorotoluene	186	0	0.0%	nd	0	none
4-Chlorotoluene	186	0	0.0%	nd	0	none
4-isopropyl toluene	186	0	0.0%	nd	0	none
4-methyl-2-pentanone (MIBK)	27	0	0.0%	nd	0	none
Bromobenzene	184	0	0.0%	nd	0	none
Bromochloromethane	186	0	0.0%	nd	0	none
Bromodichloromethane	186	0	0.0%	nd	0	100 ^b
Bromomethane	186	0	0.0%	nd	0	100 ^b
Carbon Tetrachloride	186	0	0.0%	nd	0	0.5
Chlorobenzene	186	0	0.0%	nd	0	100
Chloroethane	186	0	0.0%	nd	0	none
cis-1,3-dichloropropene	36	0	0.0%	nd	0	none
Dibromochloromethane	186	0	0.0%	nd	0	100 ^b
Dibromomethane	186	0	0.0%	nd	0	none
Dichlorodifluoromethane	186	0	0.0%	nd	0	none
Ethyl Benzene	186	0	0.0%	nd	0	700
Ethyl tert-Butyl Ether	18	0	0.0%	nd	0	none
Isopropyl benzene	186	0	0.0%	nd	0	none
Methyltertbutylether (MTBE)	36	0	0.0%	nd	0	13
Naphthalene	186	0	0.0%	nd	0	none
n-Butylbenzene	186	0	0.0%	nd	0	none
n-Propylbenzene	186	0	0.0%	nd	0	none
Styrene	186	0	0.0%	nd	0	100
Total 1,3-dichloropropene	76	0	0.0%	nd	0	0.5
Total Xylenes	150	0	0.0%	nd	0	1,750
trans-1,3-dichloropropene	36	0	0.0%	nd	0	0.5
Trichlorofluoromethane (F-11)	186	0	0.0%	nd	0	150
Trichlorotrifluoroethane (F-113)	36	0	0.0%	nd	0	1,200
Vinyl Chloride	186	0	0.0%	nd	0	2.0

Notes: nd: Not detected above practical quantitation or detection limit
 -a- All other EPA method 8240, 8260 or 524.2 analytes: not detected
 -b- Either Federal or California MCL, or current advisory action level
 Summed to calculate total trihalomethanes

TABLE 3
Summary of Analytical Results for Volatile Organic Compounds in Groundwater Samples,
November 2000 Sampling Round

Well	Date Sampled	1,1-DCA	cis-1,2-DCE	trans-1,2-DCE	TCE	PCE	Chloroform	1,4-Dioxane
<i>Concentrations in micrograms per liter (µg/L)</i>								
MW-1	30-Nov-00	(0.5)	3.2	0.6	1,800	11.0	8.0	(2.0)
MW-2	30-Nov-00	(0.5)	1.4	(0.5)	470	4.3	1.7	(2.0)
MW-3	1-Dec-00	(0.5)	15.0	2.3	310	2.4	1.6	(2.0)
MW-4	28-Nov-00	0.6	(0.5)	(0.5)	14	4.0	1.1	(2.0)
MW-5	28-Nov-00	(0.5)	(0.5)	(0.5)	4.8	0.7	1.4	(2.0)
MW-7	29-Nov-00	1.0	(0.5)	(0.5)	6.3	4.4	1.1	(2.0)
MW-8	29-Nov-00	(0.5)	(0.5)	(0.5)	61	2.5	1.0	(2.0)
MW-9	30-Nov-00	(0.5)	(0.5)	(0.5)	97	2.4	1.4	(2.0)
MW-10	29-Nov-00	(0.5)	0.8	(0.5)	490	6.4	2.8	(2.0)

Notes:

(0.5) Not detected at this practical quantitation limit
 No other analytes detected during this sampling round

TABLE 4
VOC Mass Removal Rates

Quarterly Period	Phase 1 (Pounds VOCs)	Phase 2	Total/Quarter	Cumulative	Petr. Hyd.*	Chlorinated VOCs ^b
May - July 1998	1,730	0	1,730	1,730	0	1,730
August - October 1998	940	100	1,040	2,770	100	940
November 1998 - January 1999	1,010	1,300	2,310	5,080	230	2,080
February - April 1999	80	700	780	5,860	200	580
May - July 1999	40	400	440	6,300	200	240
August - October 1999	0	490	490	6,790	430	60
November 1999 - January 2000	0	710	710	7,500	680	30
February - April 2000	0	135	135	7,635	110	30
May - July 2000	0	158	158	7,793	140	20
August - October 2000	0	179	179	7,972	160	20
Totals:	3,800	4,172		7,972	2,250	5,730

Notes:

- * Values rounded. Petroleum hydrocarbons (toluene, ethylbenzene, xylenes, total volatile hydrocarbons) Calculated from spent carbon profiles and soil gas samples and flow rates from SVW-6 and SVE-15 Interpolated for quarters between analytical results
- ^b Values rounded. Chlorinated VOCs detected in soil gas from SVE wells are PCE, 1,1-DCE, 1,1,1-TCA and TCE

TABLE 5
Summary of All Soil Gas Analytical Results for Deep SVE Wells and Multi-Level Probes

SVE Well/Probe	Depth	Date	Freon-12	Freon-113	1,1,1-TCA	TCE	PCE	1,1-DCE	Benzene	Toluene	E'benzene	Xylenes
							<i>Micrograms per liter</i>					
B-11 (cont)	@85'	Dec 1, 94	nd	nd	nd	180	1,400	nd	15	nd	nd	nd
		Oct 21, 98	nd	nd	nd	130	1,300	nd	28	nd	nd	nd
		Oct 27, 00	nd	nd	nd	2.2	5.8	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	25	7.3	nd	nd	nd	nd	nd
B-12	@20'	Jul 9, 99	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	nd	nd	3.3	nd	nd	nd	nd
	@40'	Jul 9, 99	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	nd	nd	2.1	nd	nd	nd	nd
	@60'	Jul 19, 99	nd	nd	15	15	51	47	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	14	63	5.4	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	8.2	15	nd	nd	nd	nd	nd
	@85'	Jul 19, 99	nd	nd	nd	nd	nd	2.3	nd	nd	nd	nd
		Oct 26, 00	nd	nd	9.1	29	27	39	nd	nd	nd	nd
		Feb 1, 01	nd	nd	7.8	27	24	32	nd	nd	nd	nd
MW-01	@25'	Sep 1, 92	nd	na	11	38	390	49	nd	nd	nd	nd
		Dec 1, 94	nd	na	6	53	270	49	nd	nd	nd	nd
		Oct 21, 98	nd	na	nd	nd	4.3	nd	nd	nd	nd	nd
		Oct 26, 00	nd	na	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	na	nd	nd	nd	2.4	nd	nd	nd	nd
	@50'	Sep 1, 92	43	na	15	120	650	110	nd	nd	nd	nd
		Dec 1, 94	nd	20	11	96	500	100	nd	nd	nd	nd
		Oct 21, 98	nd	na	nd	6.8	32	2.2	nd	nd	nd	nd
		Oct 26, 00	nd	na	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	na	nd	nd	nd	2.7	nd	nd	nd	nd
	@75'	Sep 1, 92	150	na	32	210	940	120	nd	nd	nd	nd
		Dec 1, 94	nd	19	16	240	750	130	nd	nd	nd	nd
Oct 21, 98		nd	na	nd	18	70	12	nd	nd	nd	nd	
Oct 26, 00		nd	na	nd	nd	nd	nd	nd	nd	nd	nd	
Feb 1, 01		nd	na	nd	nd	nd	nd	nd	nd	nd	nd	
MW-03	@25'	Sep 1, 92	nd	na	19,700	nd	300	5,700	nd	nd	nd	nd
		Dec 1, 94	nd	na	2,900	2.0	90	1,400	nd	nd	nd	nd
		Apr 30, 98	na	na	nd	nd	1.7	nd	na	na	na	na
		Oct 26, 00	nd	na	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	na	nd	nd	nd	nd	nd	nd	nd	nd
	@50'	Sep 1, 92	nd	na	12,300	430	770	4,000	nd	nd	nd	nd
		Dec 1, 94	nd	na	4,400	6	110	1,800	nd	nd	nd	nd
		Apr 30, 98	na	na	820	11	83	720	na	na	na	na
		Oct 21, 98	nd	na	350	5.0	34	310	nd	nd	nd	nd
		Oct 26, 00	nd	na	nd	nd	nd	nd	nd	nd	nd	nd
	Feb 1, 01	nd	na	nd	nd	1.3	nd	nd	nd	nd	nd	
	@75'	Sep 1, 92	nd	na	860	16	52	420	nd	nd	nd	nd
Dec 1, 94		nd	na	750	10	34	630	nd	nd	nd	nd	
Oct 21, 98		nd	na	nd	nd	3.7	nd	nd	nd	nd	nd	
Oct 21, 98		nd	na	300	22	40	450	nd	nd	nd	nd	
Oct 26, 00		nd	na	1.4	5.3	5.8	4.7	nd	nd	nd	nd	
Feb 1, 01	nd	na	3.9	19	25	10	nd	nd	nd	nd		
MW-05	@15'	Sep 1, 92	150	na	1,300	nd	330	400	nd	nd	nd	nd
		Dec 1, 94	nd	na	160	1.0	74	180	nd	nd	nd	nd
		Apr 30, 98	na	na	51	nd	74	89	na	na	na	na
		Oct 21, 98	nd	na	nd	nd	17	2.1	nd	nd	nd	nd
		Oct 26, 00	nd	na	nd	nd	4.0	nd	nd	nd	nd	nd
		Feb 1, 01	nd	na	nd	nd	3.3	nd	nd	nd	nd	nd

TABLE 5
Summary of All Soil Gas Analytical Results for Deep SVE Wells and Multi-Level Probes

SVE Well/Probe	Depth	Date	Freon-12	Freon-113	1,1,1-TCA	TCE	PCE	1,1-DCE	Benzene	Toluene	E'benzene	Xylenes
							<i>Micrograms per liter</i>					
B-07 (cont)	@50'	Sep 1, 92	nd	na	2,100	12	13	800	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	nd	17	nd	3.0	9.0	1.0	6.0
		Apr 30, 98	na	na	48	nd	4.3	120	na	na	na	na
		Oct 21, 98	nd	nd	na	nd	2.0	12	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Feb 1, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	@75'	Sep 1, 92	nd	na	390	28	15	800	1.0	nd	nd	nd
		Dec 1, 94	nd	nd	230	8.0	9.0	840	nd	nd	nd	nd
		Oct 21, 98	nd	nd	14	3.8	8.8	110	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	2.1	nd	nd	nd	nd
Feb 1, 01		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
B-09	@20'	Sep 1, 92	nd	na	1.0	2.0	15	32	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	nd	15	9.0	nd	nd	nd	nd
		Oct 22, 98	nd	nd	nd	nd	1.4	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	@50'	Sep 1, 92	nd	na	14	23	74	96	nd	nd	nd	nd
		Dec 1, 94	nd	6.0	18	49	180	150	nd	nd	nd	nd
		Oct 22, 98	nd	nd	42	15	66	120	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	1.4	nd	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	nd	4.7	nd	nd	nd	nd	nd	
	@75'	Sep 1, 92	nd	na	20	71	170	170	nd	nd	nd	nd
		Dec 1, 94	nd	19	11	78	200	180	nd	nd	nd	nd
		Oct 22, 98	nd	nd	17	95	330	170	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	12	9.9	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	15	16	nd	nd	nd	nd	nd
B-10	@20'	Dec 1, 94	nd	nd	nd	2.0	410	2.0	nd	nd	nd	nd
		Oct 22, 98	nd	nd	nd	nd	17	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	12	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	nd	27	nd	nd	nd	nd	nd
	@40'	Dec 1, 94	nd	nd	33	53	1,000	48	nd	nd	nd	nd
		Oct 22, 98	nd	nd	13	19	350	24	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	1.0	17	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	nd	17	nd	nd	nd	nd	nd	
	@50'	Dec 1, 94	nd	nd	2.0	54	880	13	nd	nd	nd	nd
		Oct 22, 98	nd	nd	3.8	21	250	8.6	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	1.8	nd	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	nd	2.8	nd	nd	nd	nd	nd
@55'	Dec 1, 94	nd	nd	nd	18	180	2.0	nd	nd	nd	nd	
	Oct 22, 98	nd	nd	nd	45	400	3.3	nd	nd	nd	nd	
	Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
	Feb 1, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
B-11	@20'	Dec 1, 94	nd	nd	nd	98	2,300	nd	nd	nd	nd	nd
		Apr 30, 98	na	na	nd	nd	39	nd	na	na	na	na
		Oct 21, 98	nd	nd	nd	nd	1.1	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	1.5	nd	nd	nd	nd	nd	nd
	@40'	Dec 1, 94	nd	nd	nd	96	2,600	nd	nd	nd	nd	nd
		Apr 30, 98	na	na	nd	59	1,200	nd	na	na	na	na
		Oct 21, 98	nd	nd	nd	nd	12	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	1.5	5.4	nd	nd	nd	nd	nd	
	@60'	Dec 1, 94	nd	nd	nd	84	1,800	nd	nd	nd	nd	nd
		Oct 21, 98	nd	nd	nd	nd	6.1	nd	nd	nd	nd	nd
Oct 27, 00		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Jan 31, 01		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	

TABLE 5
Summary of All Soil Gas Analytical Results for Deep SVE Wells and Multi-Level Probes

SVE Well/Probe	Depth	Date	Freon-12	Freon-113	1,1,1-TCA	TCE	PCE	1,1-DCE	Benzene	Toluene	E'benzene	Xylenes
							<i>Micrograms per liter</i>					
B-02	@25'	Sep 1, 92	nd	na	nd	720	12,000	nd	2.0	5.0	nd	nd
		Dec 1, 94	nd	nd	nd	240	19,000	nd	nd	2.0	nd	nd
		Apr 29, 98	na	na	1.3	170	36,000	2.6	na	na	na	na
		Oct 1, 98	nd	nd	nd	nd	11,000	nd	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	nd	25	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	3.7	710	nd	nd	nd	nd	nd	
	@50'	Sep 1, 92	nd	na	nd	nd	230	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	320	13,000	nd	5.0	1.0	nd	1.0
		Apr 29, 98	na	na	nd	nd	16,000	nd	na	na	na	na
		Oct 1, 98	nd	nd	nd	nd	27	nd	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	nd	16	nd	nd	nd	nd	nd	
	@75'	Sep 1, 92	nd	na	nd	nd	93	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	320	9,800	nd	10	80	nd	nd
		Oct 1, 98	nd	nd	nd	8	120	nd	nd	nd	nd	nd
Oct 26, 00		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Jan 31, 01		nd	nd	nd	1.5	6.8	nd	nd	nd	nd	nd	
B-03	@25'	Sep 1, 92	nd	na	nd	110	1,400	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	89	8,400	nd	nd	5	nd	nd
		Apr 29, 98	na	na	nd	nd	7,000	nd	na	na	na	na
		Oct 22, 98	nd	nd	nd	nd	65	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	nd	4.2	nd	nd	nd	nd	nd	
	@50'	Sep 1, 92	51	na	nd	490	2,000	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	240	5,100	2.0	3.0	nd	nd	nd
		Oct 19, 98	nd	3.4	nd	150	8,100	4.0	1.9	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Jan 31, 01	nd	nd	nd	nd	29	nd	nd	nd	nd	nd
	@75'	Sep 1, 92	63	na	nd	870	2,100	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	230	3,300	1.0	11	2.0	nd	nd
		Oct 22, 98	nd	6.9	4.6	140	1,900	7.4	2.5	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Jan 31, 01		nd	nd	nd	15	9.5	nd	nd	nd	nd	nd	
B-04	@15'	Sep 1, 92	nd	na	nd	310	280	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	230	330	nd	nd	nd	nd	nd
		Apr 29, 98	na	na	nd	130	310	nd	na	na	na	na
		Oct 21, 98	nd	nd	nd	nd	2.2	1.5	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	1.7	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	22	4.2	nd	nd	nd	nd	nd	
	@50'	Sep 1, 92	nd	na	nd	870	390	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	430	630	nd	nd	nd	nd	nd
		Apr 29, 98	na	na	nd	430	500	nd	na	na	na	na
		Oct 21, 98	nd	nd	nd	130	150	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	13	9.1	nd	nd	nd	nd	nd
	Jan 31, 01	nd	nd	nd	4.0	15	nd	nd	nd	nd	nd	
	@75'	Sep 1, 92	nd	na	nd	82	480	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	140	1,100	nd	nd	nd	nd	nd
		Oct 21, 98	nd	nd	nd	20	77	1.1	nd	nd	nd	nd
Oct 27, 00		nd	nd	nd	1.3	1.7	nd	nd	nd	nd	nd	
Jan 31, 01		nd	nd	nd	nd	2.3	nd	nd	nd	nd	nd	
B-07	@20'	Sep 1, 92	nd	na	2,000	nd	7.0	290	nd	nd	nd	nd
		Dec 1, 94	nd	nd	340	nd	28	240	nd	nd	nd	nd
		Apr 30, 98	na	na	76	nd	4.4	75	na	na	na	na
		Oct 21, 98	nd	nd	nd	nd	5.6	nd	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	nd	2.3	nd	nd	nd	nd	nd

TABLE 5
Summary of All Soil Gas Analytical Results for Deep SVE Wells and Multi-Level Probes

SVE Well/Probe	Depth	Date	Freon-12	Freon-113	1,1,1-TCA	TCE	PCE	1,1-DCE	Benzene	Toluene	Ebenzene	Xylenes
							<i>Micrograms per liter</i>					
MW-05 (cont)	@50'	Sep 1, 92	280	na	1,500	11	340	600	nd	nd	nd	nd
		Dec 1, 94	nd	nd	320	3.0	120	270	nd	nd	nd	nd
		Apr 30, 98	na	na	280	15	220	380	na	na	na	na
		Oct 21, 98	nd	nd	18	1.2	38	21	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	1.5	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	nd	2.1	nd	nd	nd	nd	nd
	@75'	Sep 1, 92	340	na	200	12	110	97	nd	nd	nd	nd
		Dec 1, 94	nd	15	180	7.0	100	190	nd	nd	nd	nd
		Oct 21, 98	nd	nd	53	30	500	64	nd	nd	nd	nd
		Oct 26, 00	9.0	nd	nd	4.1	2.8	1.5	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	3.2	1.4	nd	nd	nd	nd	nd
SVE-01	probe @85'	Dec 1, 94	nd	nd	nd	300	4,200	nd	4.0	nd	nd	nd
		Oct 20, 98	nd	nd	nd	80	540	nd	3.2	nd	nd	nd
		Oct 27, 00	nd	nd	nd	2.0	4.0	nd	nd	nd	nd	nd
	@16-75'	Feb 1, 01	nd	nd	nd	7.1	9.0	nd	nd	nd	nd	nd
		Dec 1, 94	nd	nd	nd	69	3,800	nd	2.0	nd	nd	nd
		Oct 22, 98	nd	nd	nd	23	1,400	3.5	nd	nd	nd	nd
SVE-03	probe @85'	Oct 20, 98	nd	nd	7.8	nd	28	13	nd	nd	nd	nd
		Oct 26, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	2.0	nd	1.1	nd	nd	nd	nd
	@20-75'	Oct 22, 98	nd	nd	6.7	nd	38	11	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	1.4	nd	nd	nd	nd	nd
SVE-04	@45-85'	Oct 22, 98	nd	nd	75	2.4	24	108	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	8.1	6.8	2.5	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-05	probe @85'	Oct 20, 98	nd	nd	4.3	20	84	55	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	nd	1.8	nd	nd	nd	nd	nd
	@20-55'	Oct 22, 98	nd	nd	4.0	15	69	25	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	nd	6.4	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	1.4	nd	nd	nd	nd	nd
SVE-06	@25-55'	Nov 13, 98	nd	nd	12	nd	28	15	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	nd	1.3	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	@55-80'	Nov 13, 98	nd	2.1	9.7	16	320	15	nd	nd	nd	nd
		Oct 25, 00	3.0	nd	nd	10	10	1.2	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-07	probe @85'	Oct 20, 98	nd	nd	nd	120	200	nd	nd	nd	nd	nd
		Oct 27, 00	nd	nd	nd	15	2.2	nd	nd	nd	nd	nd
		Feb 1, 01	nd	nd	nd	13	3.4	nd	nd	nd	nd	nd
	@20-75'	Oct 22, 98	nd	nd	nd	13	80	1.7	nd	28	2.8	8.7
		Oct 24, 00	nd	nd	nd	4.2	4.6	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-08	@45-85'	Oct 22, 98	nd	nd	nd	nd	51	nd	nd	280	50	347
		Oct 23, 98	nd	nd	nd	nd	35	nd	nd	380	82	580
		Jan 21, 99	nd	nd	nd	nd	14	nd	21	740	130	710
		Jul 9, 99	nd	nd	nd	nd	1.0	nd	3.0	70	30	188
		Dec 8, 99	na	na	na	1.7	4.2	nd	nd	140	78	480
		Oct 25, 00	nd	nd	nd	nd	1.7	nd	nd	6.5	32	240
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	3.4	23	208

TABLE 5
Summary of All Soil Gas Analytical Results for Deep SVE Wells and Multi-Level Probes

SVE Well/Probe	Depth	Date	Freon-12	Freon-113	1,1,1-TCA	TCE	PCE <i>Micrograms per liter</i>	1,1-DCE	Benzene	Toluene	E'benzene	Xylenes
SVE-09	@45-85'	Oct 23, 98	nd	nd	nd	nd	4.5	nd	nd	nd	nd	nd
		Oct 27, 98	nd	9.9	2.4	63	1,400	5.9	3.3	nd	nd	nd
		Oct 25, 00	nd	nd	nd	12	8.8	1.4	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-10	@45-85'	Oct 27, 98	nd	nd	nd	13	200	nd	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	nd	2.8	nd	1.3	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-11	@45-85'	Jan 21, 99	nd	nd	nd	52	130	6.2	nd	nd	nd	nd
		Oct 25, 00	7.0	nd	1.4	20	21	4.4	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	1.9	nd	nd	nd	nd	nd
SVE-12	@45-85'	Jan 21, 99	nd	nd	nd	nd	8.5	nd	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	nd	1.3	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-13	@45-85'	Jan 21, 99	nd	nd	nd	nd	3.4	nd	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	nd	4.6	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	1.9	nd	nd	nd	nd	nd
SVE-14	@45-85'	Jul 9, 99	nd	nd	nd	14	7.8	5.3	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	23	4.9	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-15	@45-85'	Jul 9, 99	nd	nd	nd	2.5	5.1	nd	nd	6.8	1.0	9.5
		Dec 8, 99	nd	nd	nd	9.0	12.0	nd	nd	120	33	310
		Oct 25, 00	nd	nd	nd	2.0	1.8	nd	nd	nd	nd	17.6
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-16	@45-85'	Jul 9, 99	nd	nd	nd	20	5.6	1.8	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	16	3.8	nd	nd	nd	nd	nd
		Oct 25, 00	nd	nd	nd	15	3.8	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-17	@45-85'	Jul 9, 99	nd	nd	nd	3.1	2.1	nd	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	2.0	3.0	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-18	@45-85'	Jul 9, 99	nd	nd	nd	4.5	nd	nd	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	nd	3.7	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	2.2	nd	nd	nd	nd	nd	nd
SVE-19	@45-85'	Jul 9, 99	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	4.6	nd	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SVE-20	@45-85'	Jul 9, 99	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
		Oct 24, 00	nd	nd	nd	2.6	3.5	nd	nd	nd	nd	nd
		Feb 2, 01	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

TABLE 6
Targeted Soil Cleanup Levels

Depth Below Land Surface (Feet)	Targeted Cleanup Level (µg/kg) ^a				Equivalent Soil Gas Concentration (µg/L) ^b			
	PCE	TCE	1,1,1-TCA	1,1-DCE	PCE	TCE	1,1,1-TCA	1,1-DCE
0 - 10	544 - 900 ^c	78	3,112	93	600 - 1000 ^c	35	475	187
10 - 20	544 - 900 ^c	63	2,520	76	600 - 1000 ^c	28	385	150
20 - 30	544 - 900 ^c	48	1,928	58	600 - 1000 ^c	20	295	120
30 - 40	34	34	1,354	41	38	15	205	80
40 - 50	20	20	780	23	22	10	120	50
50 - 60	18	18	700	21	20	9	105	45
60 - 70	9	9	352	11	10	6	55	25
70 - 80	6	6	248	7	7	4	40	15
80 - water table	5	5	200	6	6	3	30	12

Notes:

- a- Targeted cleanup goals (HGC, 1996)
- b- Equivalent mass calculated from equation 14, Appendix A of Interim Site Assessment and Cleanup Guidebook (California Regional Water Quality Control Board, 1996)
- c- Phase 1 Cleanup Level, specified to 25 feet for PCE only

TABLE 7
Maximum Soil Screening Levels for Petroleum Hydrocarbons

Compound	Maximum Soil Screening Level		Equivalent Soil Gas Concentration	
	80 Feet ^{a-}	20 Feet ^{a-}	80 Feet ^{a-}	20 Feet ^{a-}
	mg/kg		µg/L	
Benzene	0.033	0.011	15.0	5.0
Toluene	2.0	0.3	528	79.2
EthylBenzene	7.0	0.7	2,450	245
Total Xylenes	20	1.75	7,150	625
TPH, as gasoline	500	500	2,300	2,300

Notes:

^{a-} Distance in feet above water table

µg/L: micrograms per liter

mg/kg Milligrams per kilogram

Soil screening levels from Table 1-4 of Interim Site Assessment and Cleanup Guidebook

Equivalent mass calculated from equation 14,

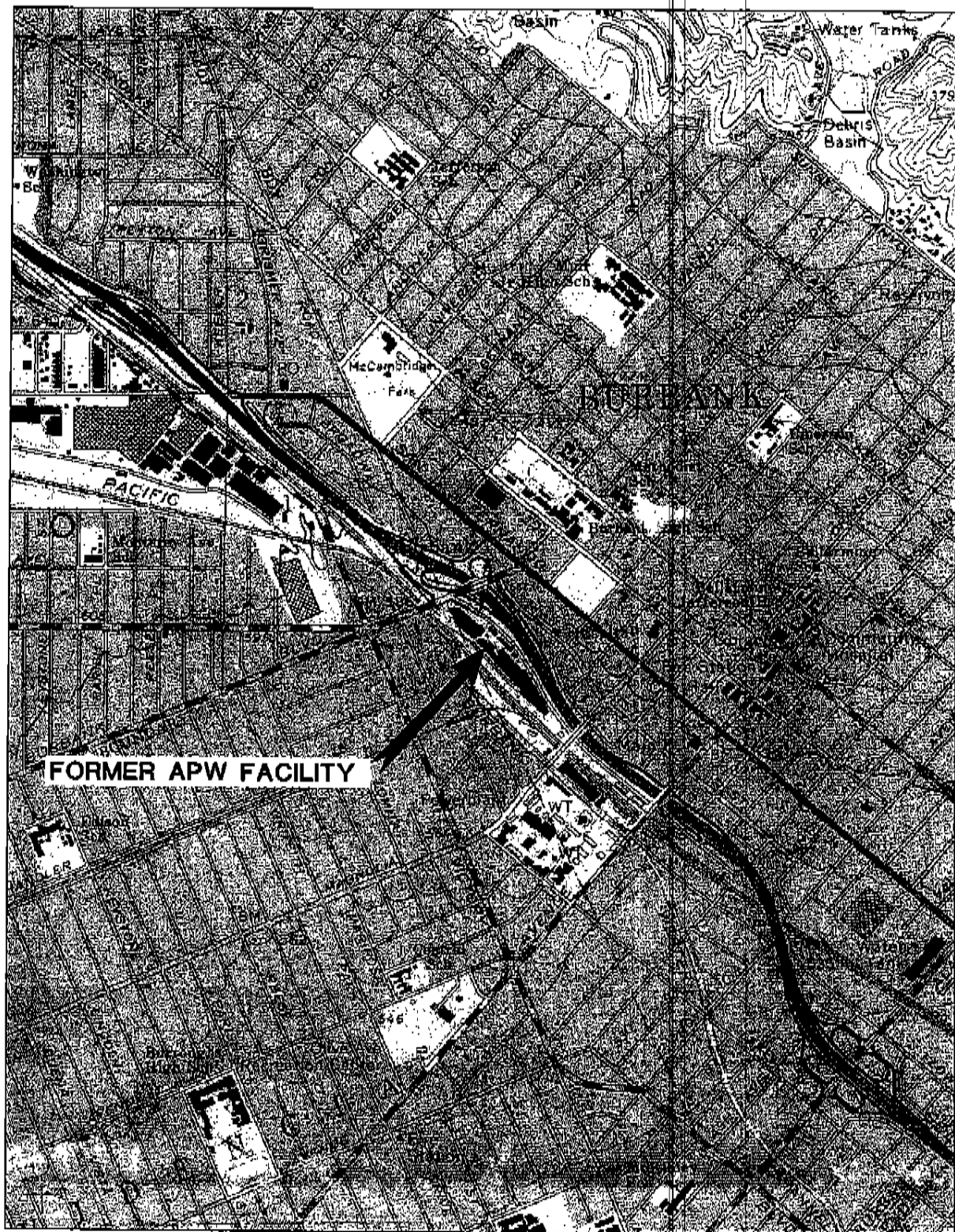
Appendix A of Interim Site Assessment and Cleanup Guidebook

TABLE 8
Soil Vapor VOC Mass Extraction Efficiency

<i>Quarterly Period</i>	<i>Average Extraction Rate (scfm)</i>	<i>VOC Mass Removed Per Quarter (lbs)</i>	<i>Overall Extraction Efficiency (lbs VOC / scf)</i>	<i>Extraction Efficiency for Chlorinated VOCs (lbs VOC / scf)</i>
May - July 1998	700	1730	2.54E-05	2.54E-05
August - October 1998	760	1040	1.41E-05	1.27E-05
November 1998 - January 1999	710	2310	3.35E-05	3.01E-05
February - April 1999	700	780	1.15E-05	8.52E-06
May - July 1999	690	440	6.56E-06	3.58E-06
August - October 1999	730	490	6.91E-06	8.46E-07
November 1999 - January 2000	760	710	9.51E-06	4.06E-07
February - April 2000	640	135	2.17E-06	4.82E-07
May - July 2000	640	158	2.54E-06	3.22E-07
August - October 2000	430	179	4.28E-06	4.79E-07

Notes *VOC: Volatile organic compound*
Chlorinated VOC: Primarily PCE
scfm: Standard cubic foot (of gas) per minute
lbs VOC / scf: Pounds of VOCs extracted
per standard cubic foot of gas extracted
Extraction efficiency calculated by dividing VOC mass by the product of
average extraction rate and number of minutes system ran per quarter

FIGURES



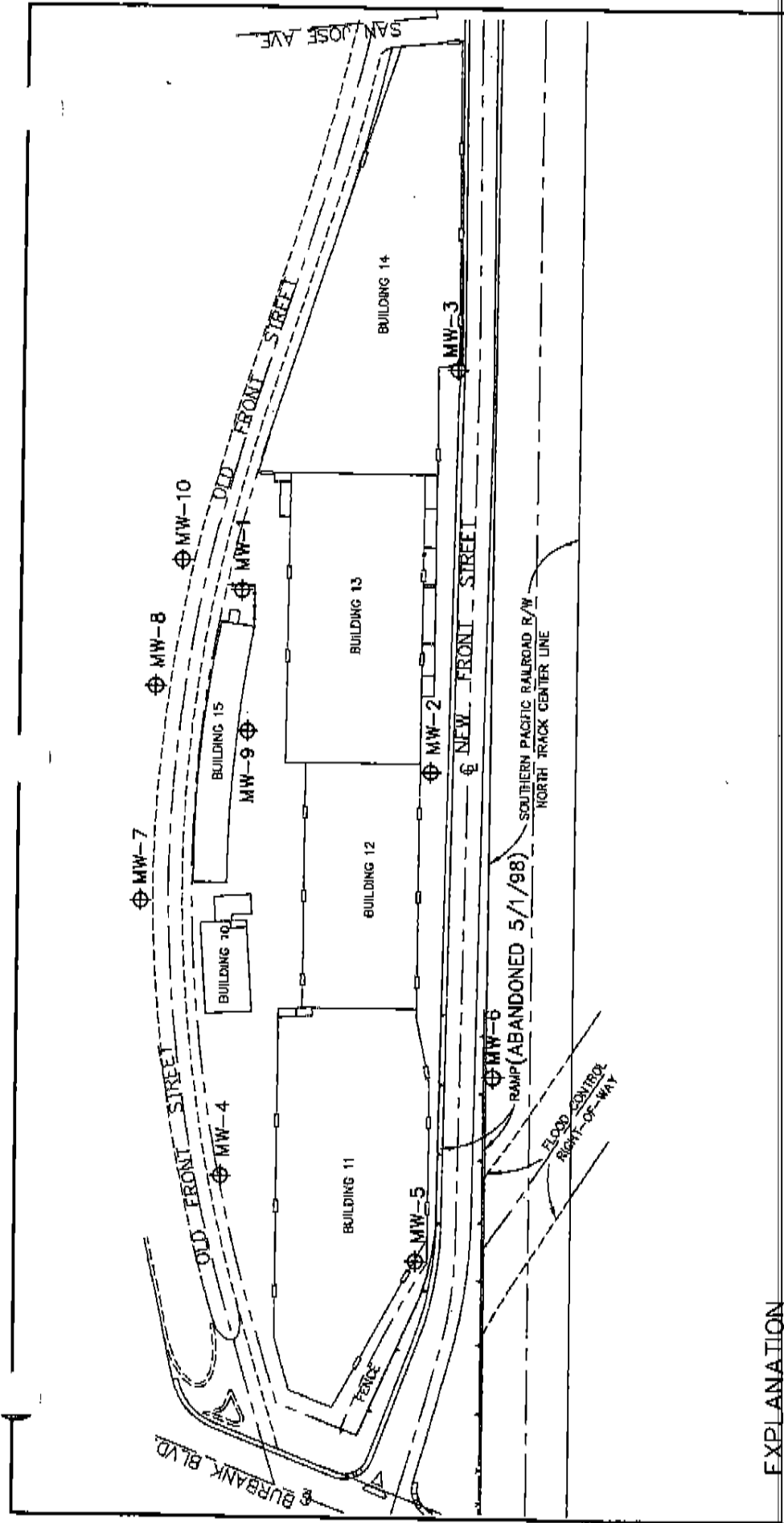
BASE MAP FROM USGS 7.5 MIN.
 QUAD "BURBANK, CA" 1966/1972



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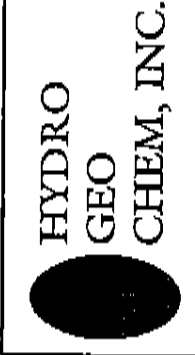
VICINITY MAP
 Former APW Facility
 777 Front Street, Burbank, CA

Approved JJW	Date 2/02/00	Revised	Date	Reference: 4650535B	FIG. 1
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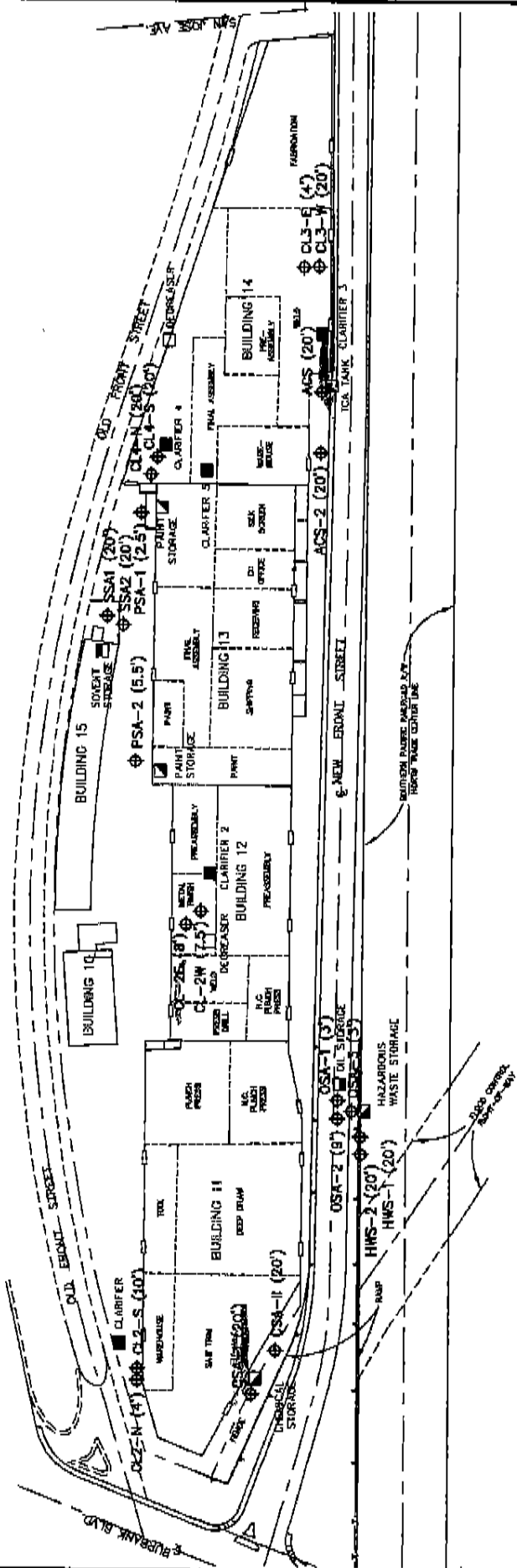
EXPLANATION

- MW-2 ⊕ GROUNDWATER MONITORING WELL
- ENTRANCE
- BUILDING
- GATE
- FENCE
- RAILROAD TRACKS



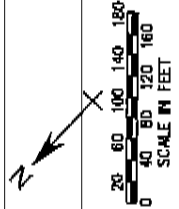
FACILITY MAP
Former APW Facility
777 Front St, Burbank, CA

Approved JW	Date 3/15/00	Revised	Date	Reference: 4650523A	FIG. 2
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EXPLANATION

- ⊕ SOIL BORING LOCATION, ID AND (DEPTH) (TARGHEE, 1991)
- CSA-II (20')
- ENTRANCE
- BUILDING
- GATE
- FENCE
- RAILROAD TRACKS
- ☐ CHEMICAL STORAGE
- ☐ HAZARDOUS WASTE STORAGE
- ☐ SOLVENT STORAGE
- ☐ OIL STORAGE
- ☐ DEGREASER
- ☐ CLARIFIER
- ☐ PAINT STORAGE
- ☐ TCA TANK

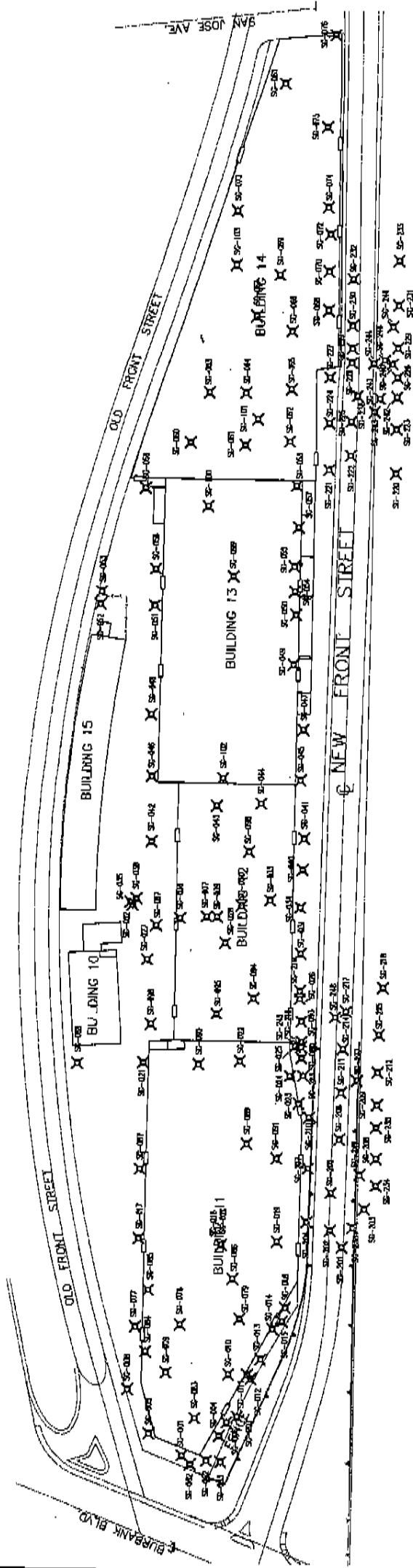


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LOCATIONS OF PREVIOUS BORINGS
Former APW Facility
777 Front St, Burbank, CA

Approved	Date	Revised	Date	Reference:	FIG. 3
JW	2/23/01			4650546A	

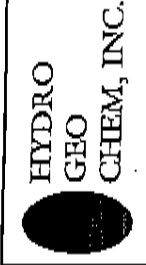
NAME: K:/46505/4650546A.DWG DATE: APRIL 02, 2001 TIME: 11:5- AM



EXPLANATION
 X BORING WELL LOCATION

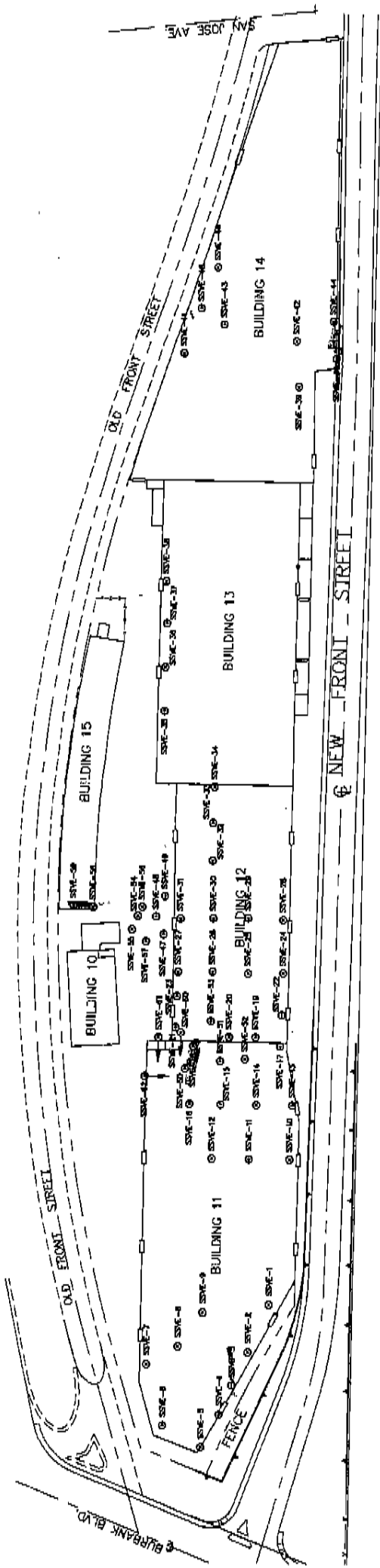
NOTES:
 PROBES SG-1 TO SG-103 SAMPLED JANUARY 1992
 PROBES SG-201 TO SG-249 SAMPLED DECEMBER 1994

NAME: K:/46505/4650558A.DWG DATE: APR 02, 2000 TIME: 11:28 AM



LOCATIONS OF DRIVE POINT
 SOIL GAS SAMPLES

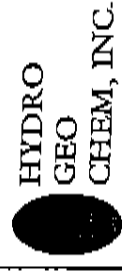
Approved JW	Date 2/23/00	Revised	Date	Reference 4650558A	FIG. 4
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EXPLANATION

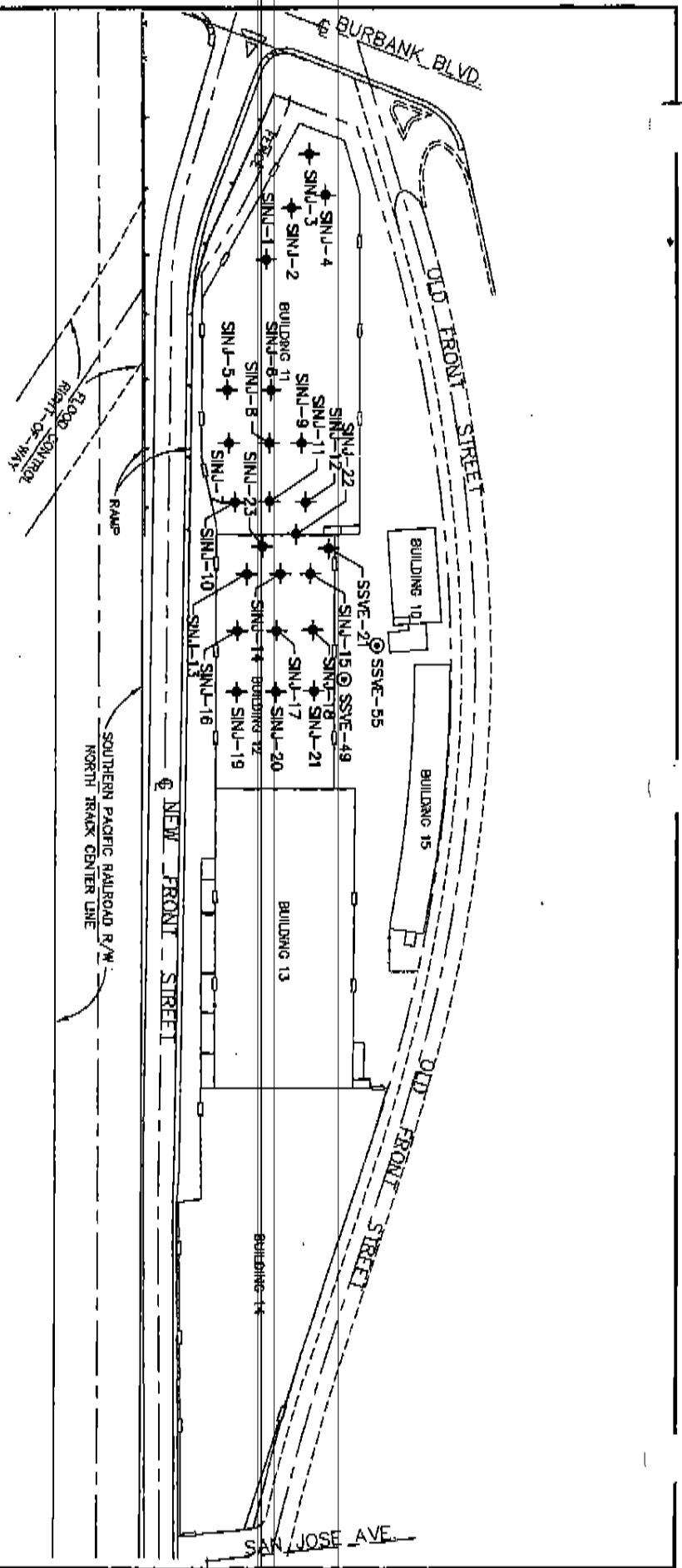
- SSV-10 SHALLOW SOIL VAPOR EXTRACTION WELL
- PROJECTION OF SLANT SHALLOW SVE WELL (SSVE-21,-49, AND -55 CONVERTED TO SHALLOW INJECTION WELLS)
- ENTRANCE
- BUILDING
- GATE
- FENCE
- RAILROAD TRACKS

NAME: X:/46505/4650520A.DWG DATE: APRIL 02, 2001 TIME: 11:40 AM



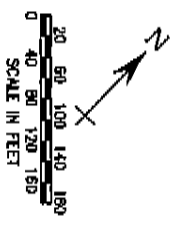
**LOCATIONS OF PHASE 1
SHALLOW SOIL VAPOR EXTRACTION WELLS**
Former APW Facility
777 Front St, Burbank, CA

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/23/00			4650520A	5



EXPLANATION

- ◆ SINU-5 SHALLOW INJECTION WELL
(SSVE-21, -49, -55 CONVERTED TO SHALLOW INJECTION WELLS)
- ENTRANCE
- BUILDING
- GATE
- FENCE
- RAILROAD TRACKS

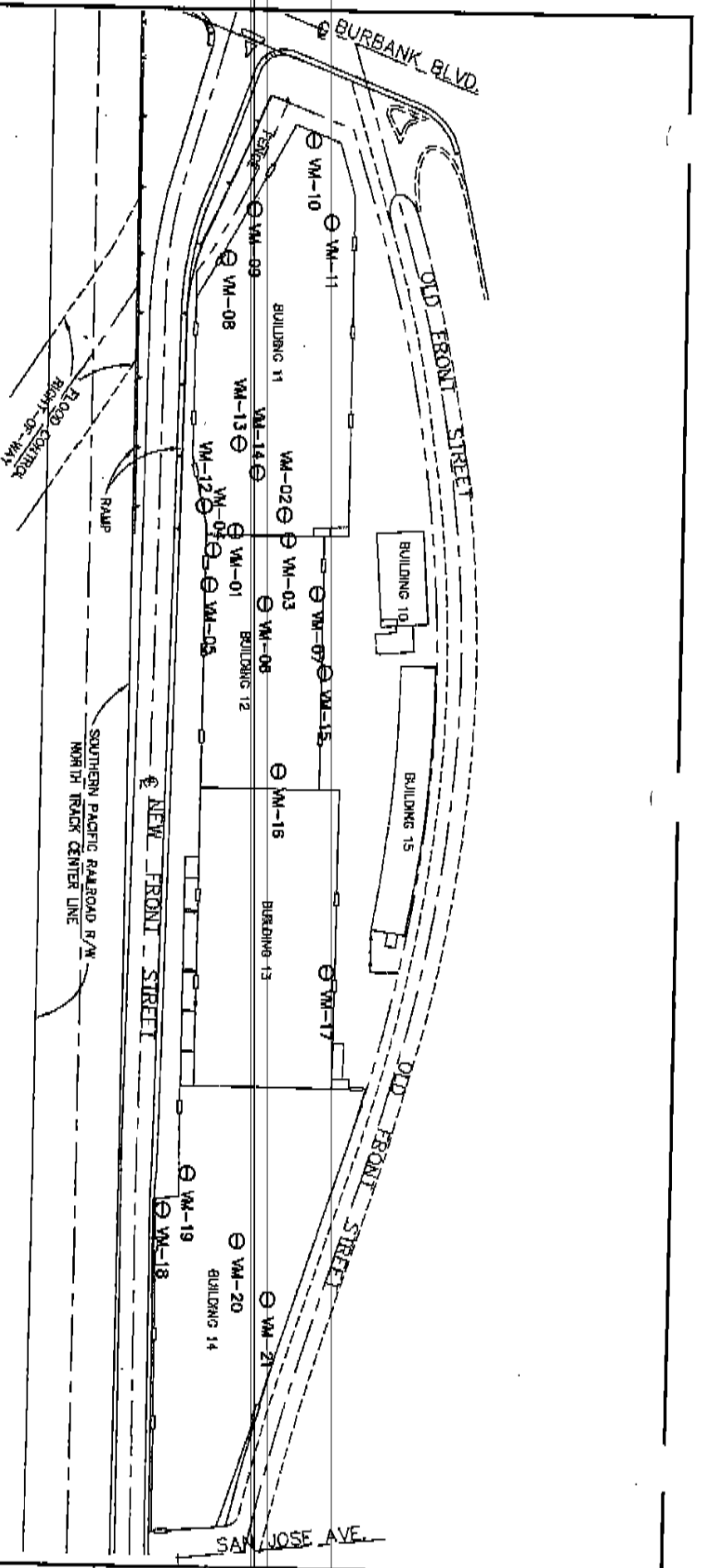


NAME: K:/46505/4650519A.DWG DATE: APRIL 02, 2001 TIME: 11:42 AM

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**LOCATIONS OF PHASE 1
SHALLOW INJECTION WELLS**
Former APW Facility
777 Front St, Burbank, CA

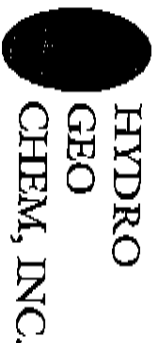
Approved	Date	Revised	Date	Reference:	FIG.
JM	3/23/00			4650519A	6



EXPLANATION

- ⊙ SHALLOW VAPOR MONITORING PROBE
- ENTRANCE
- BUILDING
- GATE
- FENCE
- RAILROAD TRACKS

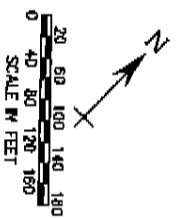
NAME: K:/46505/4650521A.DWG DATE: APRIL 02, 2001 TIME: 11:45 AM

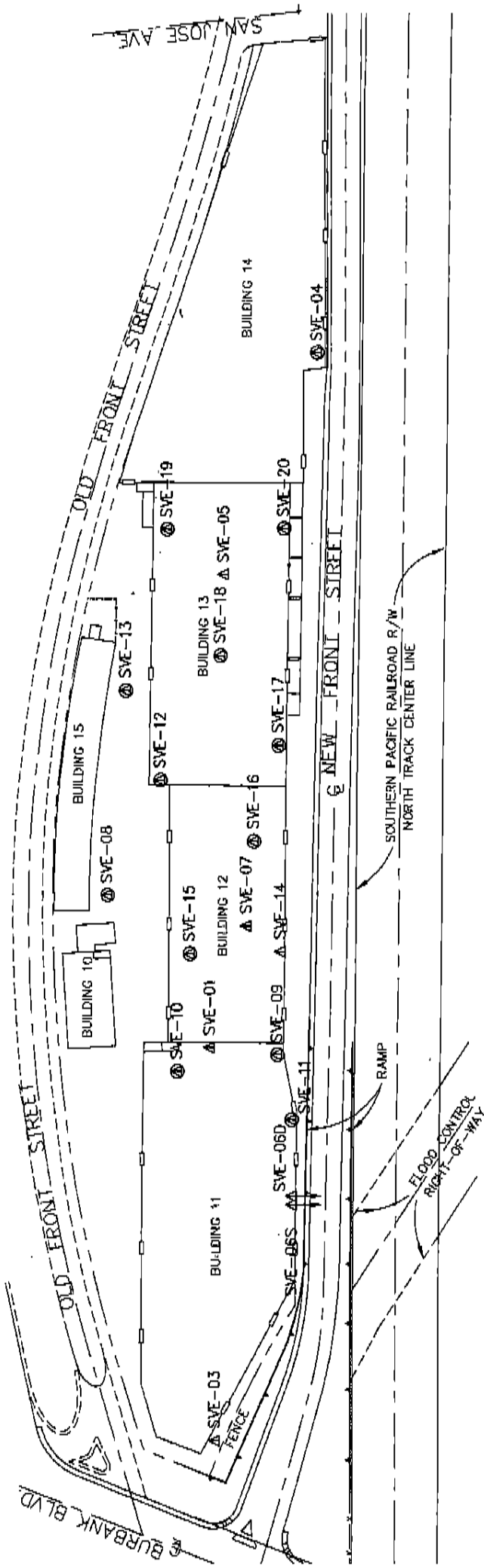


**LOCATIONS OF PHASE 1
SHALLOW SOIL VAPOR MONITORING PROBES**

Former APW Facility
777 Front St, Burbank, CA

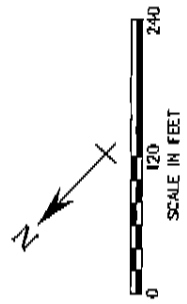
Approved	Date	Revised	Date	Reference:	FIG.
JIM	3/23/00			4650521A	7





EXPLANATION

- ▲ DEEP SVE WELL
- COMBINATION SVE WELL (SVE PLUS SPARGE WELL)
- ┆ PROJECTION OF SLANT SVE WELLS
- ┆ ENTRANCE
- ▭ BUILDING
- ┆ GATE
- ┆ FENCE
- ▭ RAILROAD TRACKS



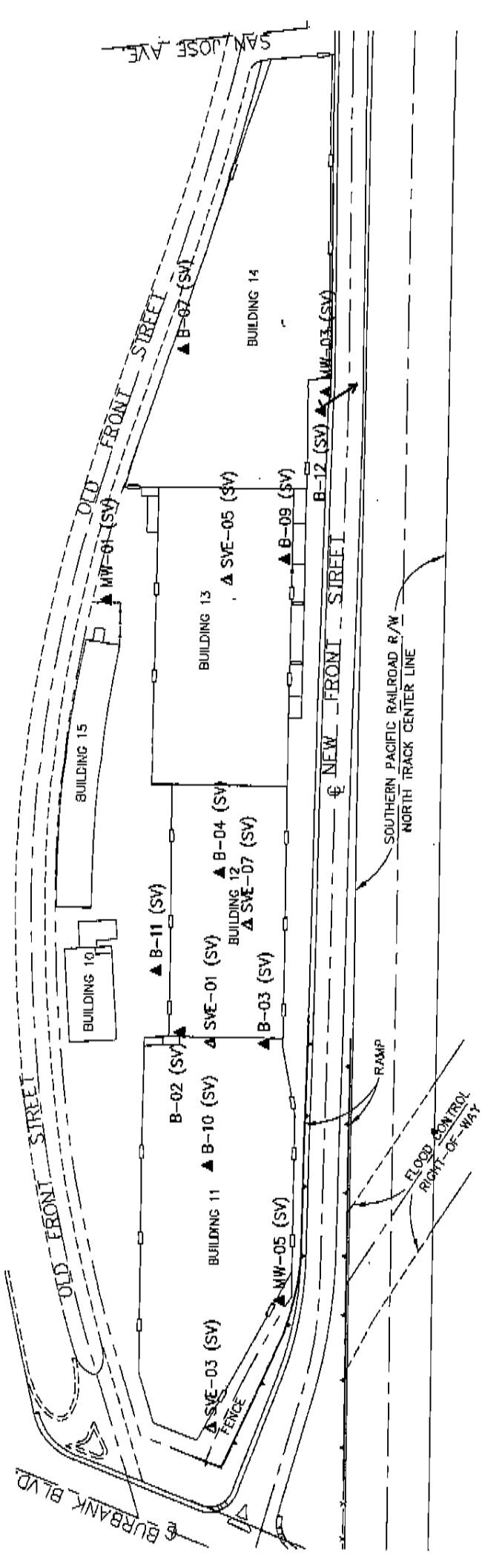
NAME: K:/46505/4650522A.DWG DATE: APRIL 02, 2001 TIME: 11:50 AM

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Approved JM	Date 3/23/00	Revised	Date	Reference: 777 Front St, Burbank, CA	FIG. 8
				4650522A	

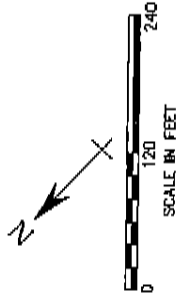
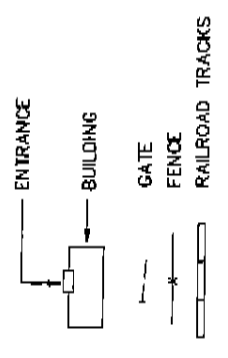
**LOCATIONS OF PHASE 2 DEEP SOIL
VAPOR EXTRACTION WELLS**

Former APW Facility
777 Front St, Burbank, CA



EXPLANATION

- ▲ B-02 (SV) MULTI-DEPTH SOIL VAPOR MONITORING PROBE
- ▲ SVE-07 (SV) SINGLE DEPTH SOIL VAPOR MONITORING PROBE
- ▲ B-12 (SV) PROJECTION OF SLANT VAPOR MONITORING PROBE



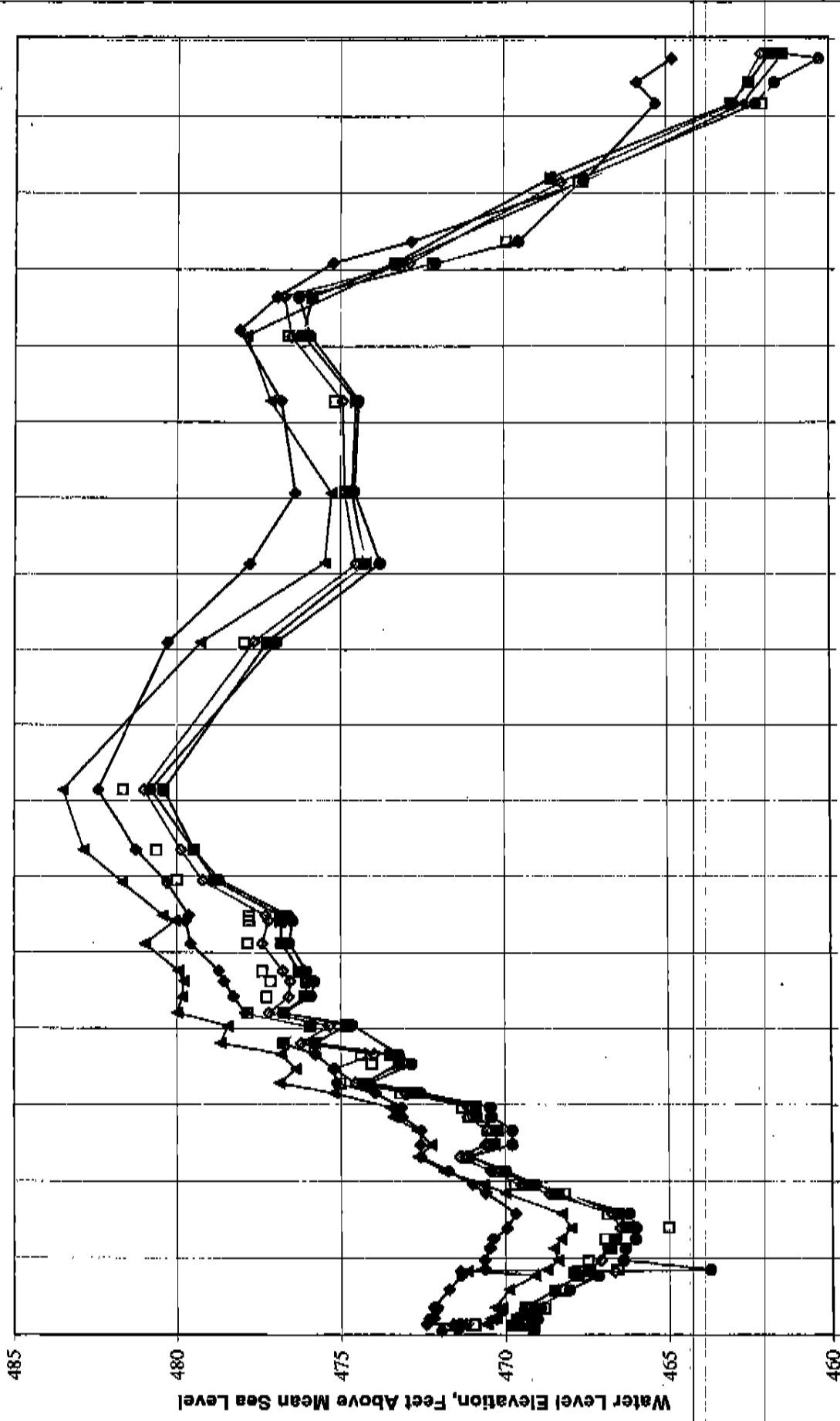
NAME: K:/46505/4650528A.DWG DATE: APRIL 02, 2001 TIME: 11:53 AM

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CHEM, INC.**

**LOCATIONS OF MULTI-LEVEL SOIL VAPOR
MONITORING PROBES**
Former APW Facility
777 Front St. Burbank, CA

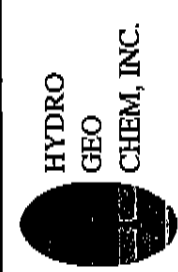
Approval	Date	Revised	Date	Reference
JUN	3/7/00			4650528A

FIG. 9



Jul-92 Jan-93 Jul-93 Jan-94 Jul-94 Jan-94 Jul-94 Jan-95 Jul-95 Jan-95 Jul-95 Jan-96 Jul-96 Jan-96 Jul-96 Jan-97 Jul-97 Jan-97 Jul-97 Jan-98 Jul-98 Jan-98 Jul-98 Jan-99 Jul-99 Jan-99 Jul-99 Jan-00 Jul-00 Jan-00 Jul-00 Jan-01

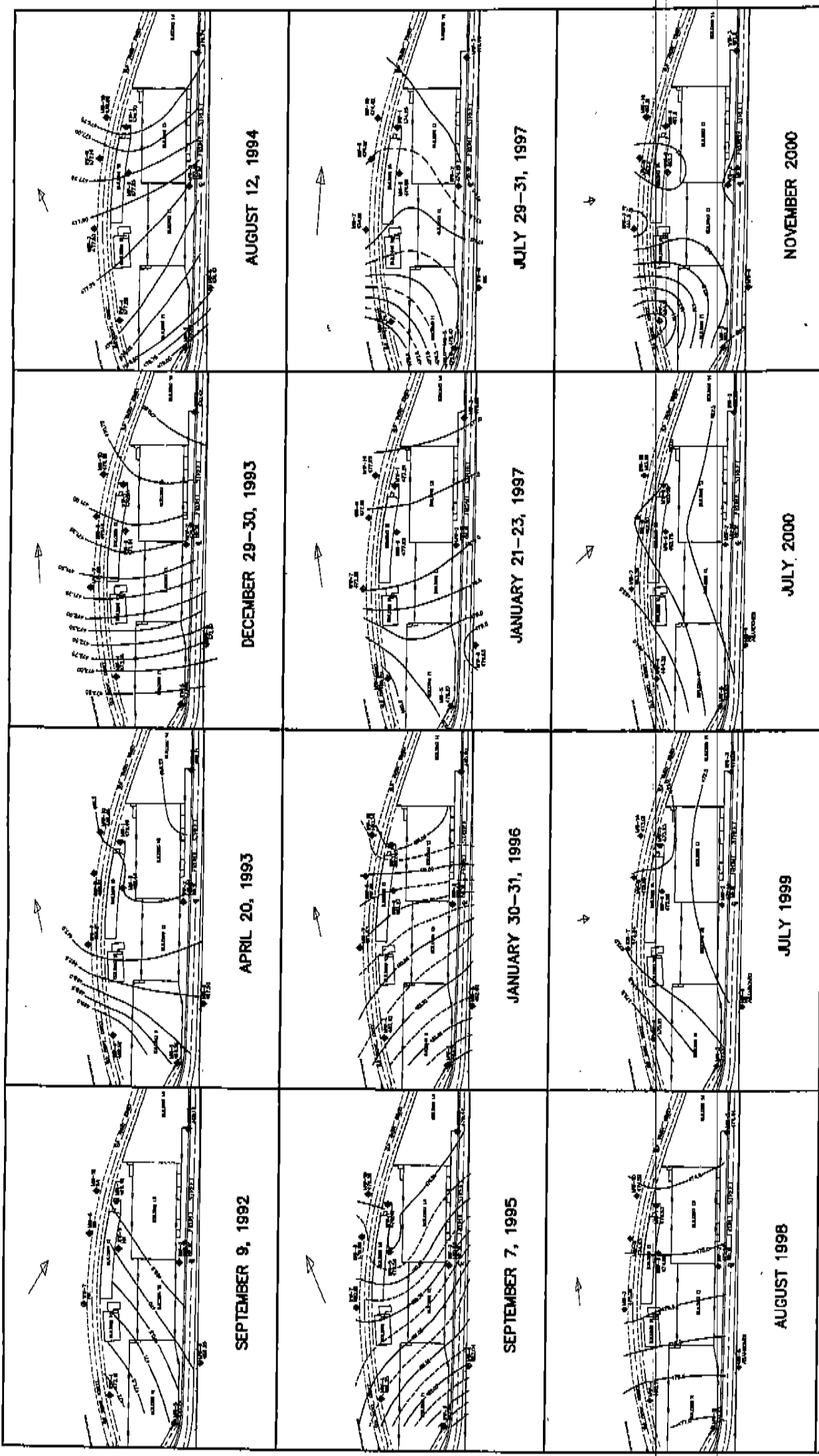
WATER LEVEL HYDROGRAPHS:
JULY 1992 - OCTOBER 2000
 Former APW Facility, 777 Front Street, Burbank, CA



- MW-1 —◆— MW-4 —▲— MW-5
- MW-3 —□— MW-2 —◇— MW-8

APPROVED: JJW DATE: 01/15/01 REFERENCE: FIGURE: 10

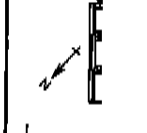
H:\465001\465061\mon_rept\ZERO Wat lev\Chart1-4/5/01



EXPLANATION

- MW-2 GROUNDWATER MONITORING WELL
- 482.05 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 482.5 GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- BUILDING
- ENTRANCE
- GATE
- FENCE
- RAILROAD TRACKS

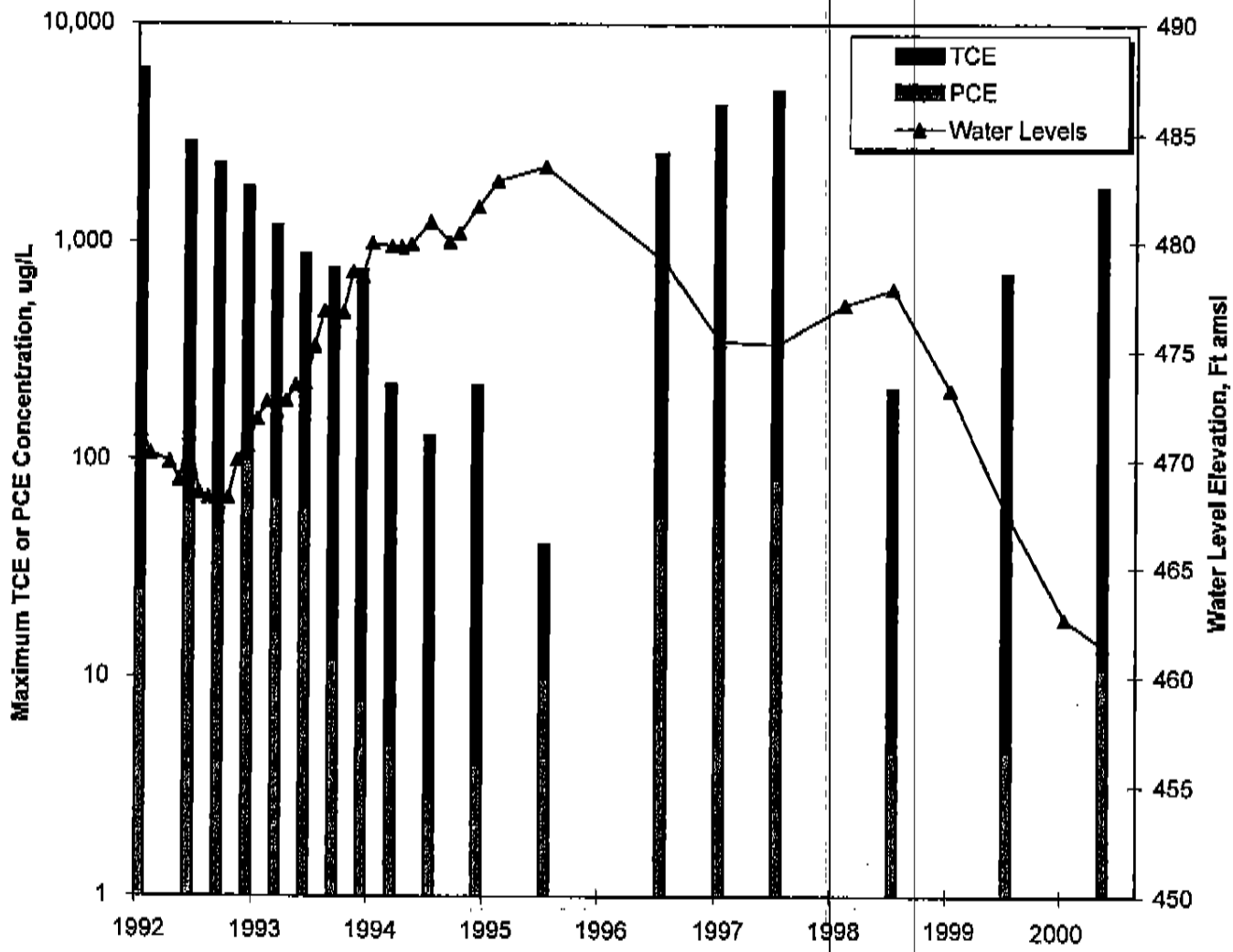
GROUNDWATER FLOW DIRECTION VECTOR
 REFERENCE VECTOR SCALE:
 0.002
 0.01




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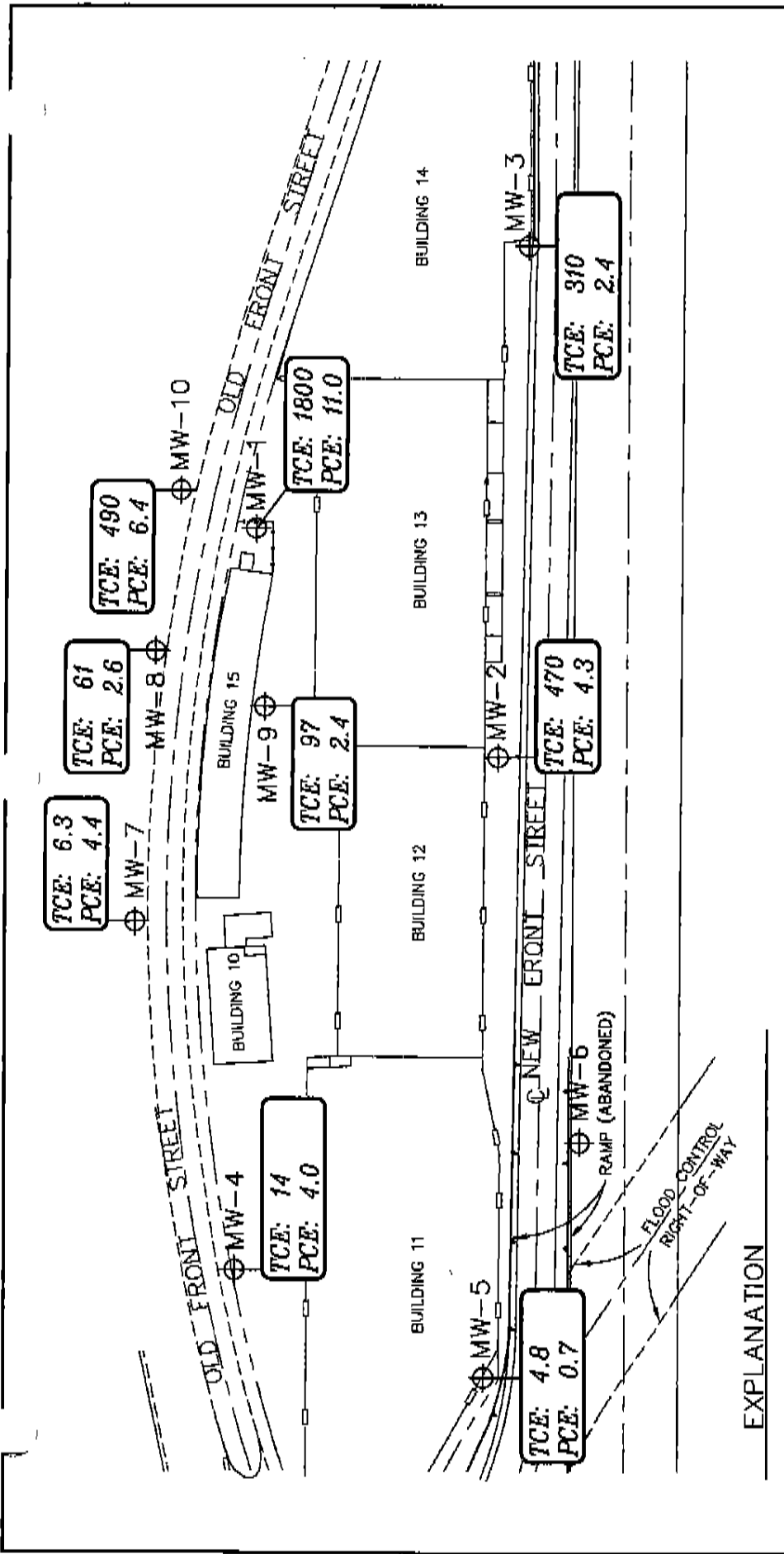
**GROUNDWATER ELEVATIONS AND FLOW DIRECTIONS
 BETWEEN 1992 AND 2000**

Approved: **JM/JW** Date: **2/28/01** Revised: _____ Date: _____
 Reference: **4650566A** FIG. **11**



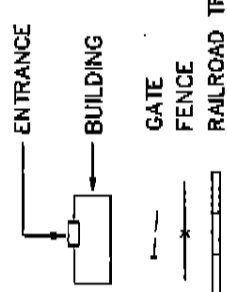
 HYDRO GEO CHEM, INC.	COMPARISON OF TCE AND PCE CONCENTRATIONS WITH WATER LEVEL FLUCTUATIONS Former APW Facility, 777 Front Street, Burbank, CA		
	APPROVED JJW	DATE 3/23/01	REFERENCE

H:\46500\46505\Mon_Rept
Nov2000PCE TCE water levels.xls

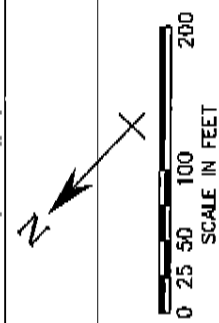


MW-1 ⊕ GROUNDWATER MONITORING WELL

TCE: 210
PCE: 4.0 } CONCENTRATION (ug/L)



EXPLANATION



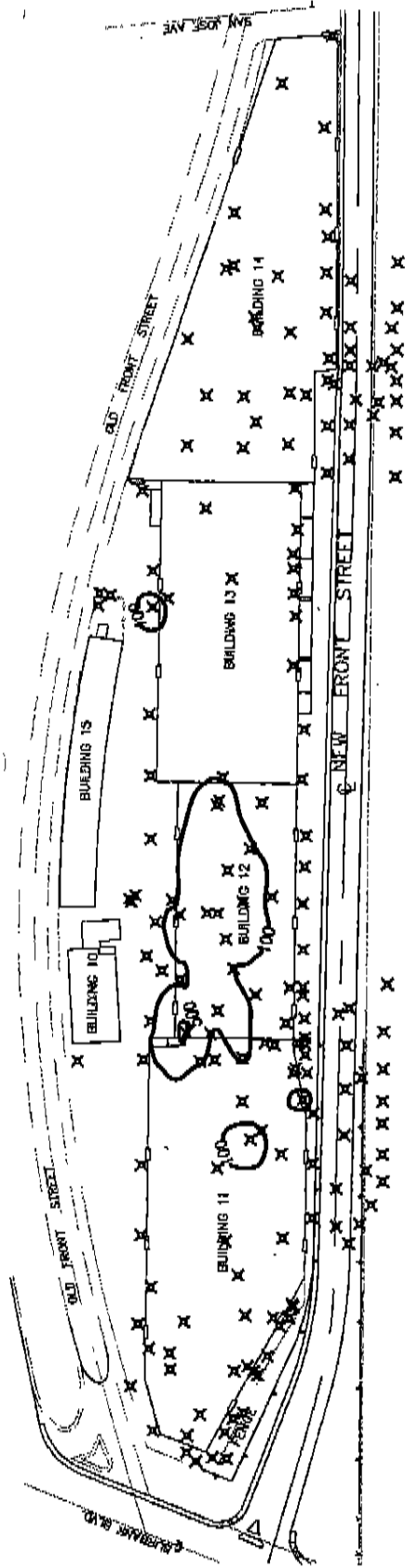
**HYDRO
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CHEM, INC.**

**TCE AND PCE IN GROUNDWATER SAMPLES
NOVEMBER 2000 SAMPLING ROUND**

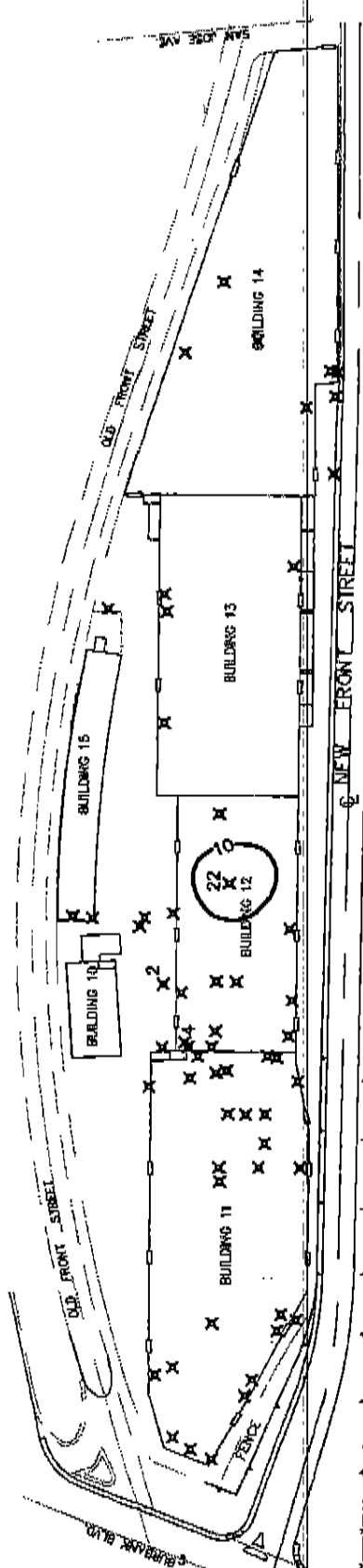
Former APW Facility
777 Front Street, Burbank, CA

Approved JW	Date 3/23/00	Revised Date	Reference: 4650557A	FIG. 13
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NAME: K:\9555\4650557A.DWG DATE: APRIL 02, 2003 TIME: 10:10 AM



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

EXPLANATION

- 22 SOIL GAS SAMPLING LOCATION
- x SOIL GAS CONCENTRATION (ug/L)
- 100 — SOIL GAS CONCENTRATION CONTOURS (ug/L)
- - - 25 - - - SOIL GAS CONCENTRATION CONTOURS (ug/L)

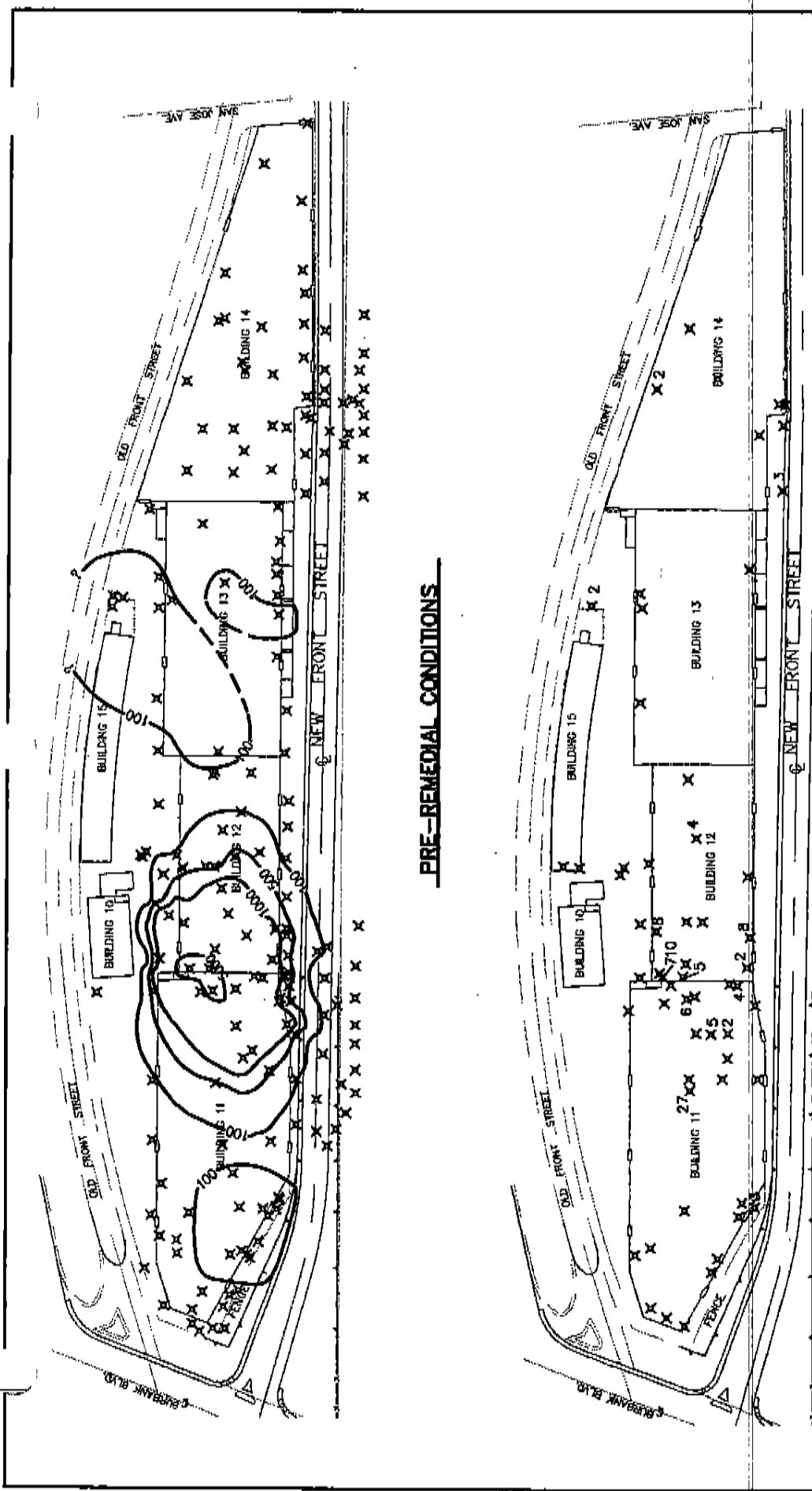
SHALLOW-LEVEL: 0-25 FEET BELOW GRADE

POST-REMEDIAL SAMPLING LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)



**SHALLOW LEVEL TCE SOIL GAS CONCENTRATIONS
PRE - AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4650551A	FIG. 14
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PRE-REMEDIAL CONDITIONS

POST-REMEDIAL CONDITIONS

EXPLANATION

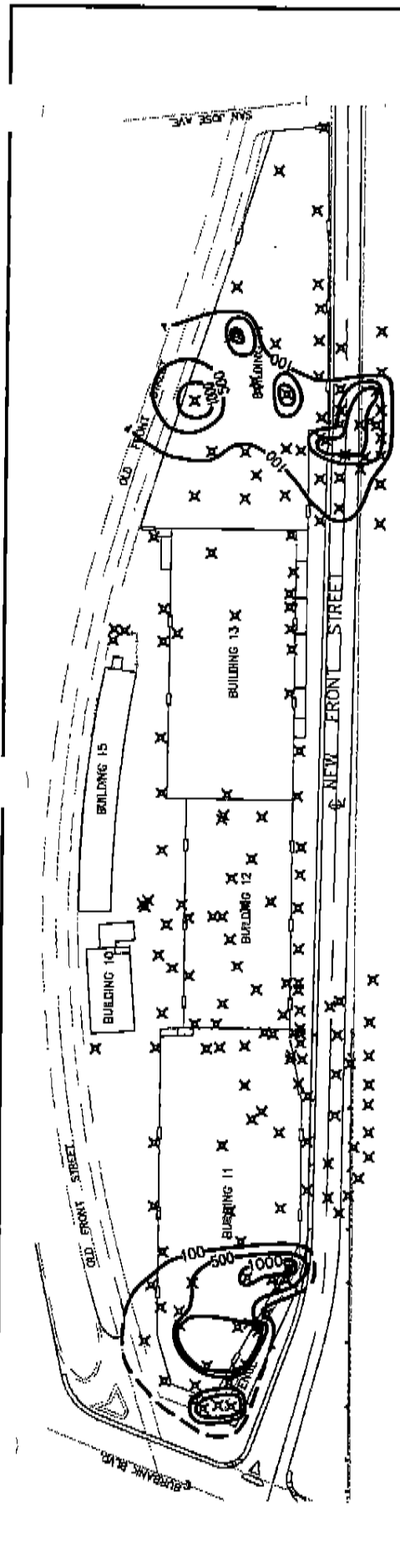
- 27 SOIL GAS SAMPLING LOCATION,
- X SOIL GAS CONCENTRATION (ug/L)
- 100 — SOIL GAS CONCENTRATION CONTOURS (ug/L)

SHALLOW-LEVEL: 0-25 FEET BELOW GRADE
 POST-REMEDIAL SAMPLING LOCATIONS
 WITHOUT ASSOCIATED VALUES WERE
 NON-DETECT (<1 ug/L)

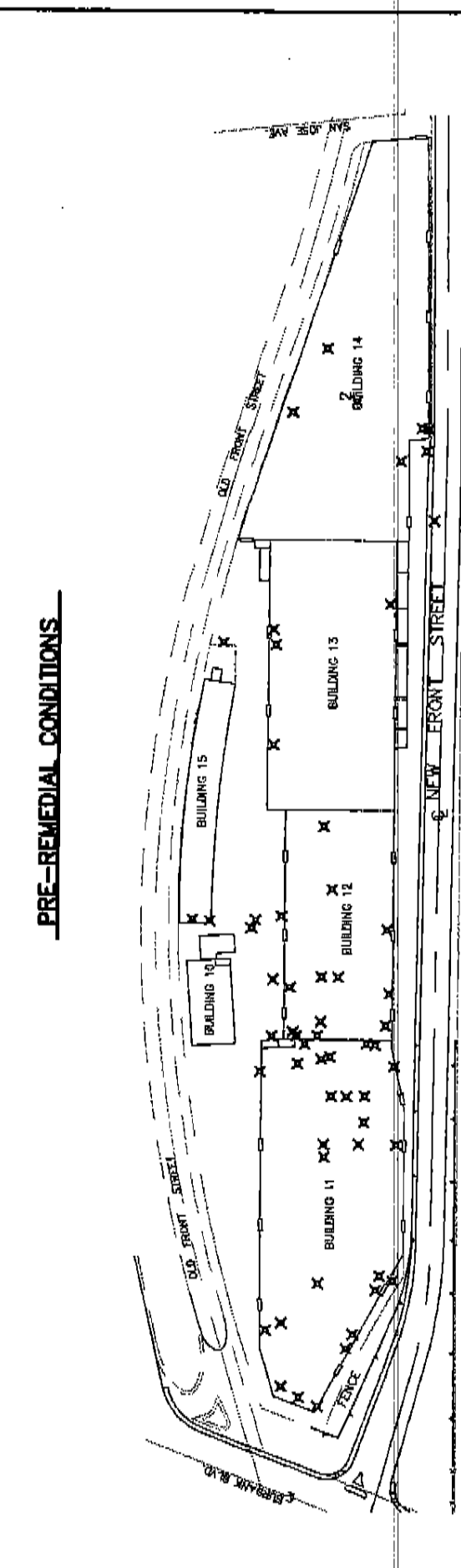


**SHALLOW LEVEL PCE SOIL GAS CONCENTRATIONS
 PRE- AND POST-REMEDIAL CONDITIONS**

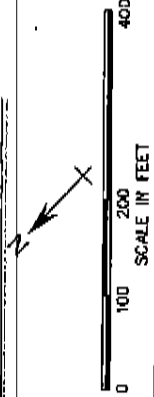
Approved JM	Date 3/01/01	Revised	Date	Reference: 4650550A	FIG. 15
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PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS



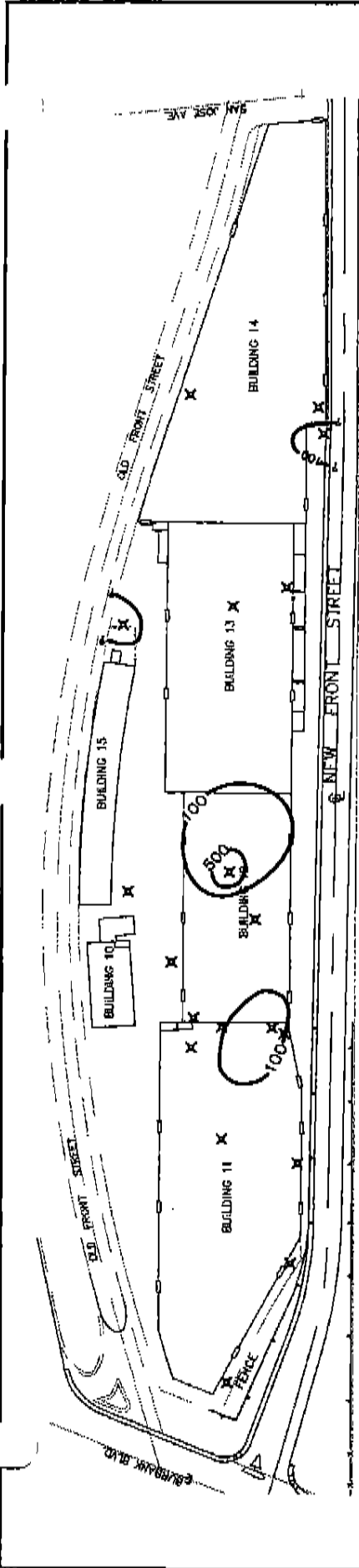
- EXPLANATION**
- 2 SOIL GAS SAMPLING LOCATION, (ug/L)
 - x SOIL GAS CONCENTRATION (ug/L)
 - 100 SOIL GAS CONCENTRATION CONTOURS (ug/L)

SHALLOW-LEVEL: 0-25 FEET BELOW GRADE
 POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

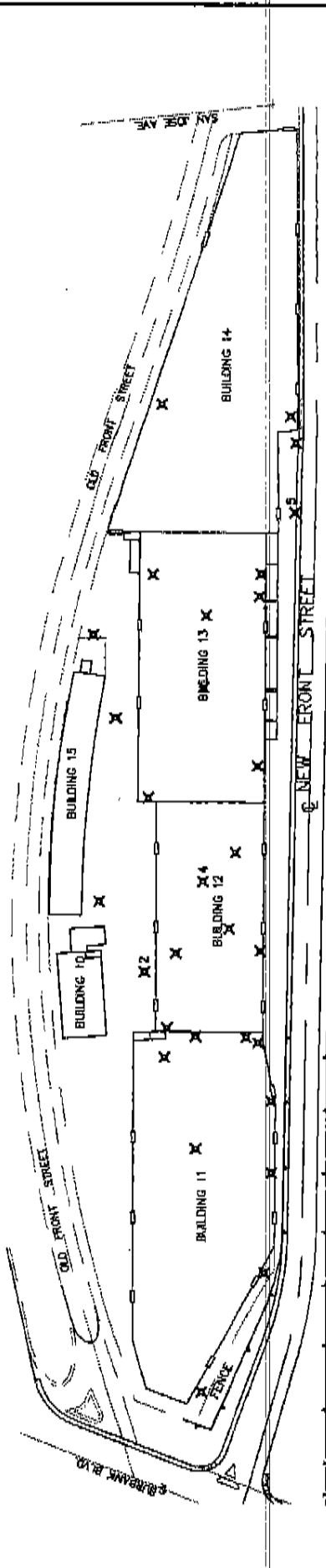
**HYDRO
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**SHALLOW LEVEL 1,1,1-TCA SOIL GAS CONCENTRATIONS
 PRE- AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4650552A	FIG. 16
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PRE-REMEDIAL CONDITIONS

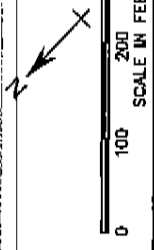


POST-REMEDIAL CONDITIONS

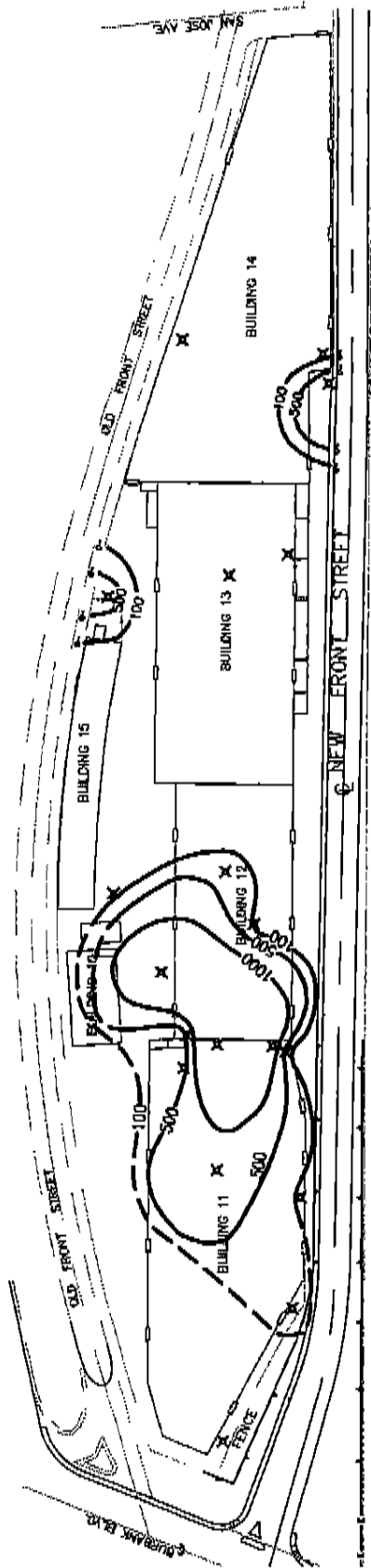
EXPLANATION

- 4 SOIL GAS SAMPLING LOCATION,
- X SOIL GAS CONCENTRATION (ug/L)
- 100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

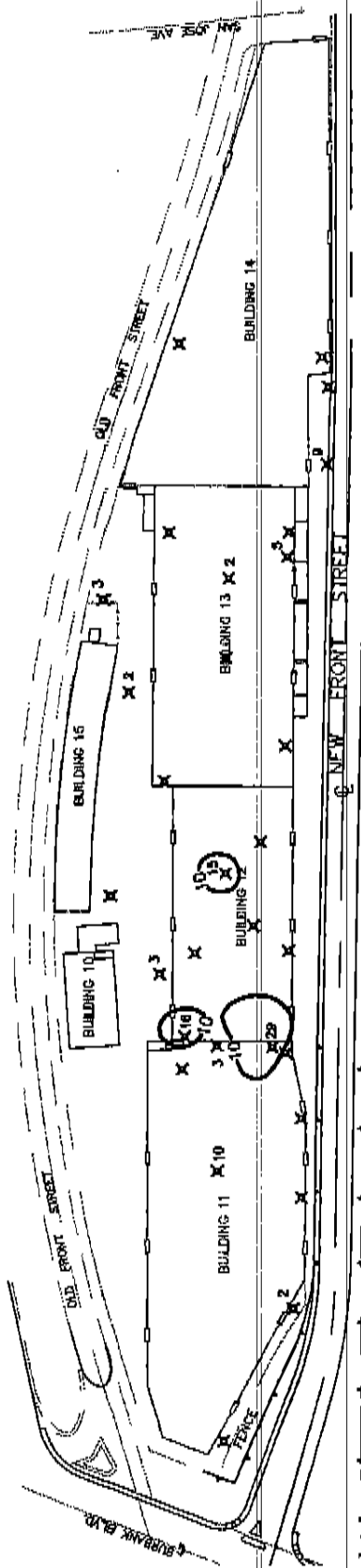
MID-LEVEL: 25-60 FEET BELOW GRADE
 POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)



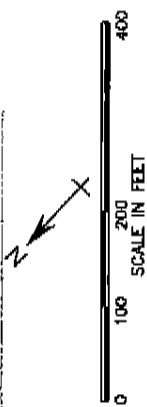
		MID-LEVEL TCE SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS	
		Approved: JM	Date: 3/01/01
Reference: 4650548A		FIG. 17	



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS



- EXPLANATION
- 2 SOIL GAS SAMPLING LOCATION,
 - X SOIL GAS CONCENTRATION (ug/L)
 - 100 SOIL GAS CONCENTRATION CONTOURS (ug/L)

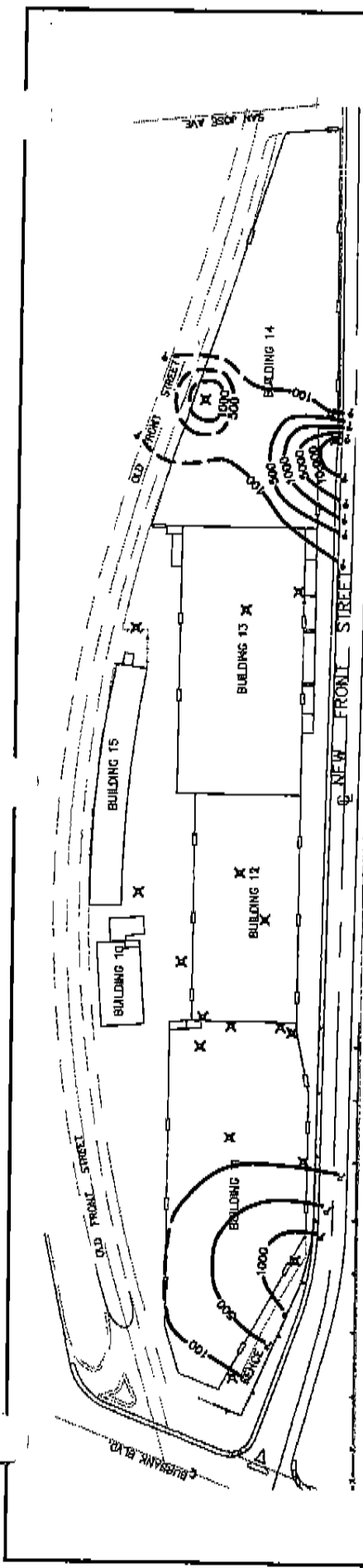
MID-LEVEL: 25-60 FEET BELOW GRADE

POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

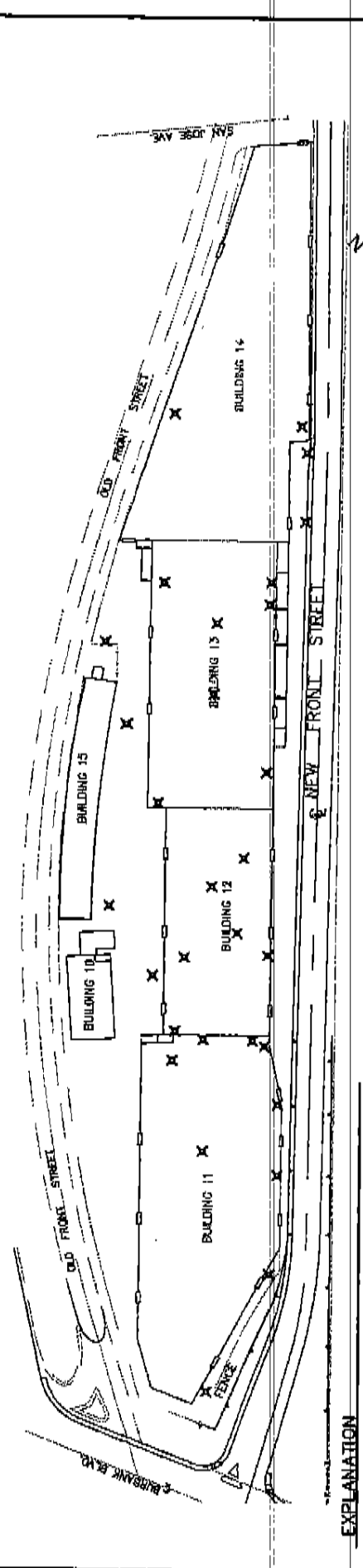


**MID-LEVEL PCE SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4850547A	FIG. 18
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PRE-REMEDIAL CONDITIONS



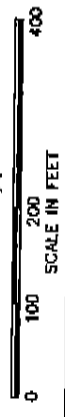
POST-REMEDIAL CONDITIONS

EXPLANATION

- 2 SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)
- X
- 100 — SOIL GAS CONCENTRATION CONTOURS (ug/L)

MID LEVEL: 25-60 FEET BELOW GRADE

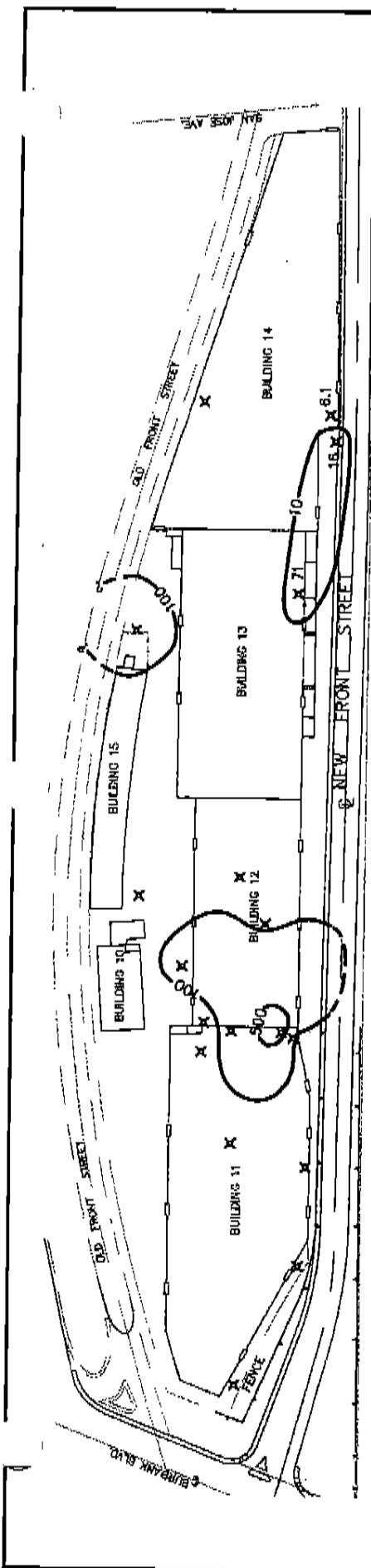
ALL POST-REMEDIAL SAMPLING LOCATIONS NON-DETECT (<1ug/L)



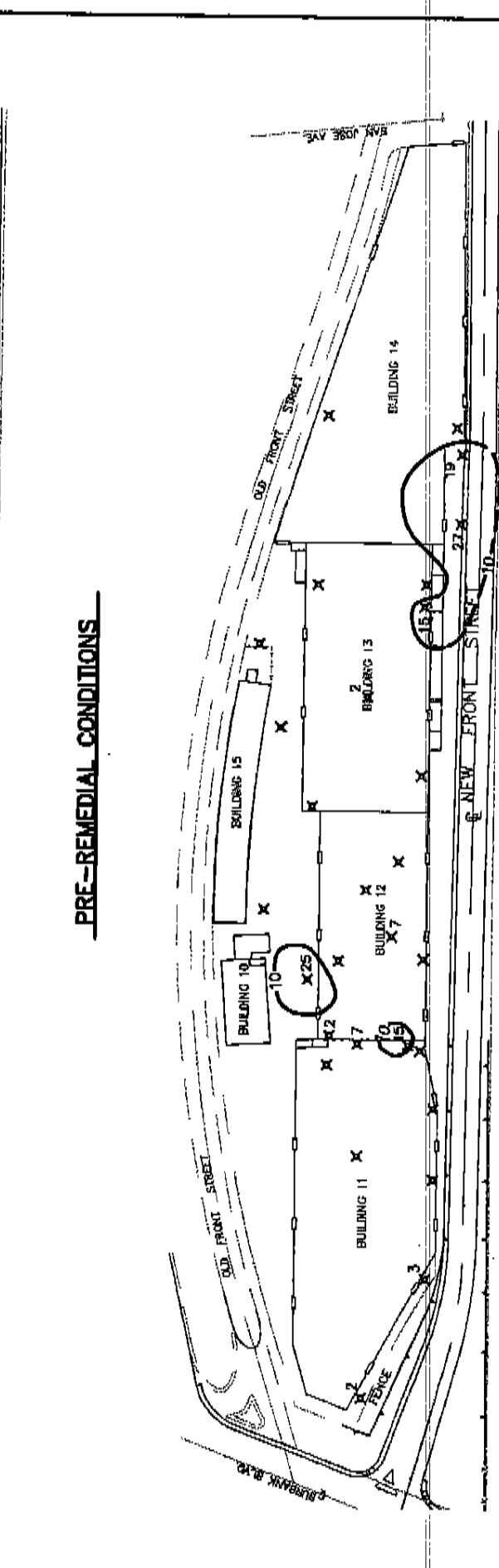
**HYDRO
GEO
CHEM, INC.**

**MID-LEVEL 1,1,1-TCA SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4650549A	FIG. 19
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PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

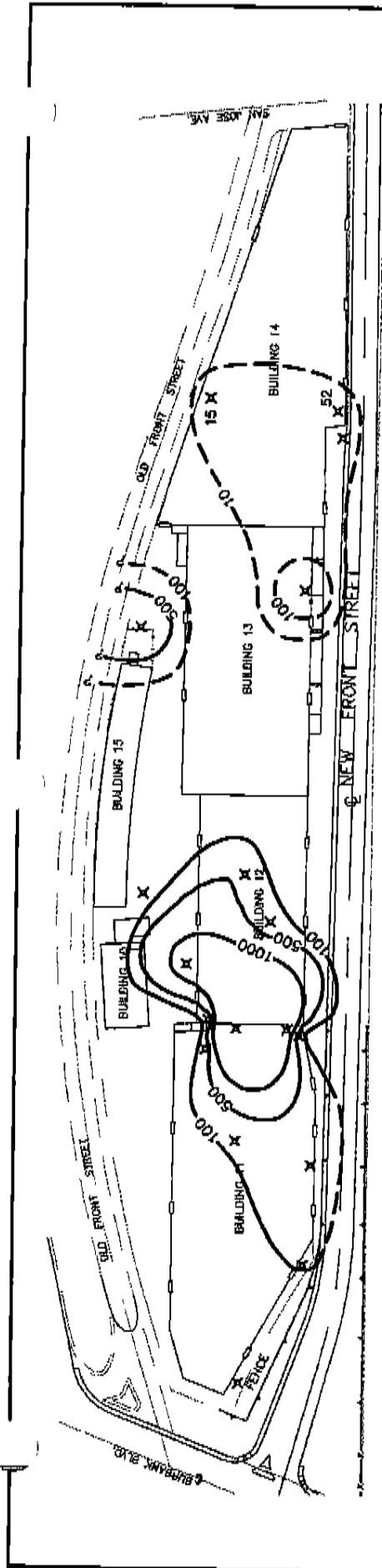
- EXPLANATION
- 71 SOIL GAS SAMPLING LOCATION
 - X SOIL GAS CONCENTRATION (ug/L)
 - 100 SOIL GAS CONCENTRATION CONTOURS (ug/L)

DEEP LEVEL: 60-85 FEET BELOW GRADE
 POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

**HYDRO
 GEO
 CHEM, INC.**

**DEEP-LEVEL TCE SOIL GAS CONCENTRATIONS
 PRE- AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4650554A	FIG. 20
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PRE-REMEDIAL CONDITIONS

10
X

100
500
1000

300
500

1000

1000

300

500

BURBANK BLVD

OLD FRONT STREET

NEW FRONT STREET

SAN JOSE AVE

BUILDING 10

BUILDING 11

BUILDING 12

BUILDING 13

BUILDING 14

BUILDING 15

FENCE

10

2

7

9

10

12

15

25

50

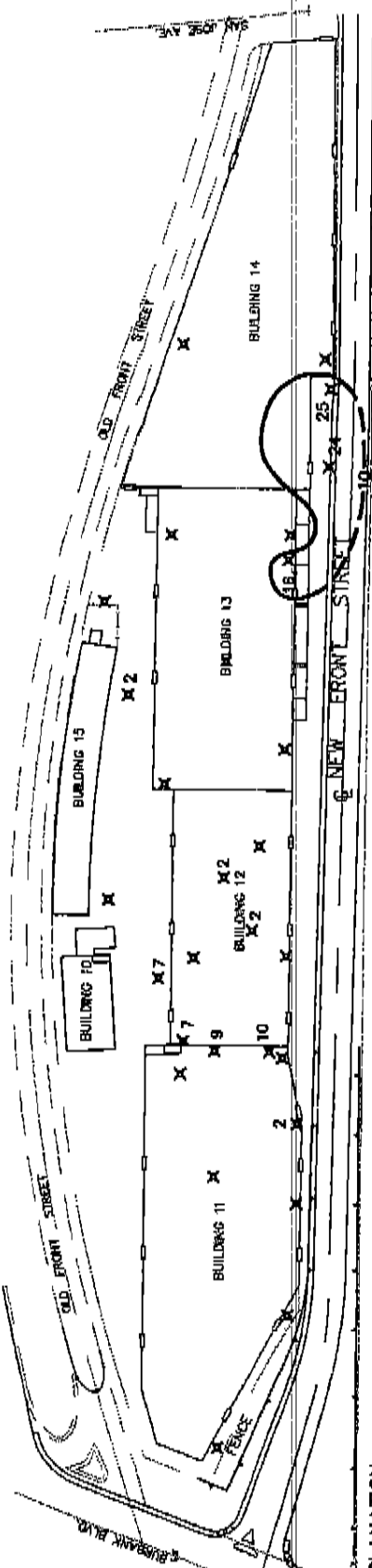
100

150

300

500

1000



POST-REMEDIAL CONDITIONS

10
X

100
500
1000

300
500

1000

1000

300

500

10

2

7

9

10

12

15

25

50

100

150

300

500

1000

EXPLANATION

10 SOIL GAS SAMPLING LOCATION,

X SOIL GAS CONCENTRATION (ug/L)

100 SOIL GAS CONCENTRATION CONTOURS

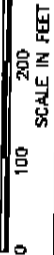
(ug/L)

DEEP-LEVEL: 60-85 FEET BELOW GRADE

POST-REMEDIAL LOCATIONS

WITHOUT ASSOCIATED VALUES

WERE NON-DETECT (<1 ug/L)

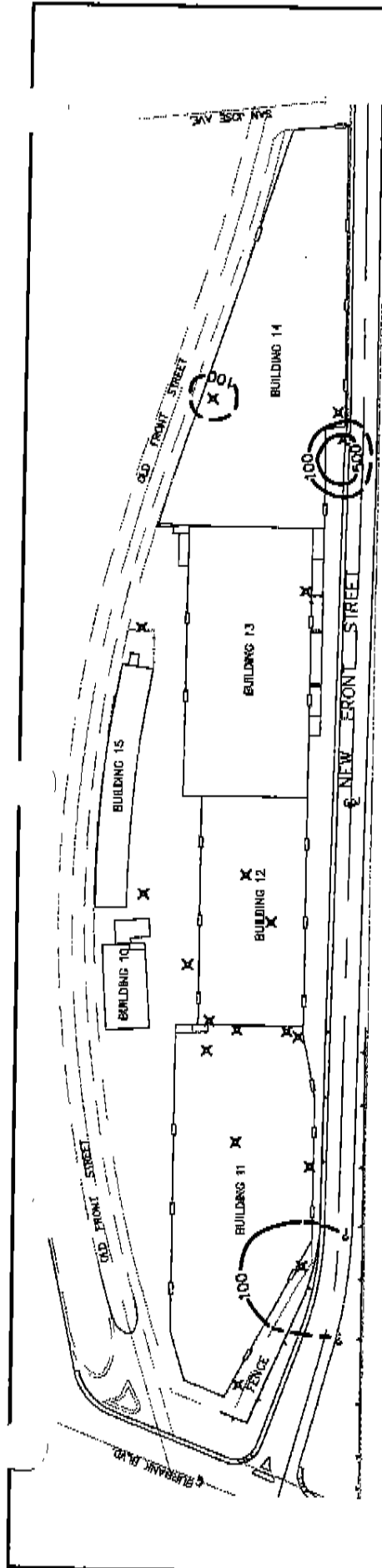


DEEP-LEVEL PCE SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS

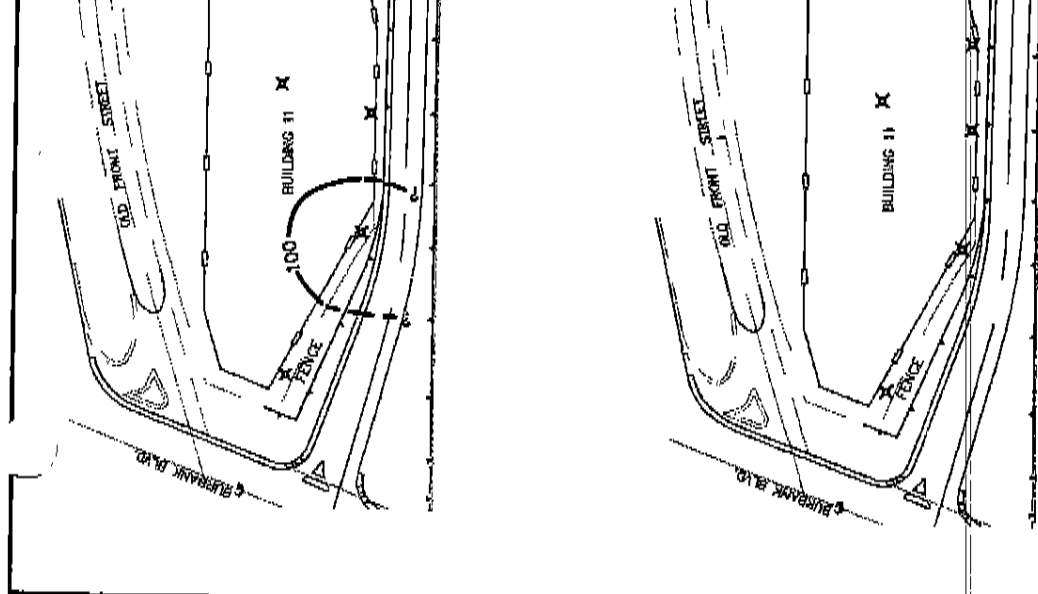
HYDRO
GEO
CHEM, INC.

Approved JM Date 3/01/01 Revised Date Reference: 4650553A

FIG. 21



PRE-REMEDIAL CONDITIONS



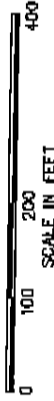
EXPLANATION

- B SOIL GAS SAMPLING LOCATION,
- X SOIL GAS CONCENTRATION (ug/L)
- 100 — SOIL GAS CONCENTRATION CONTOURS (ug/L)

DEEP LEVEL: 60-85 FEET BELOW GRADE

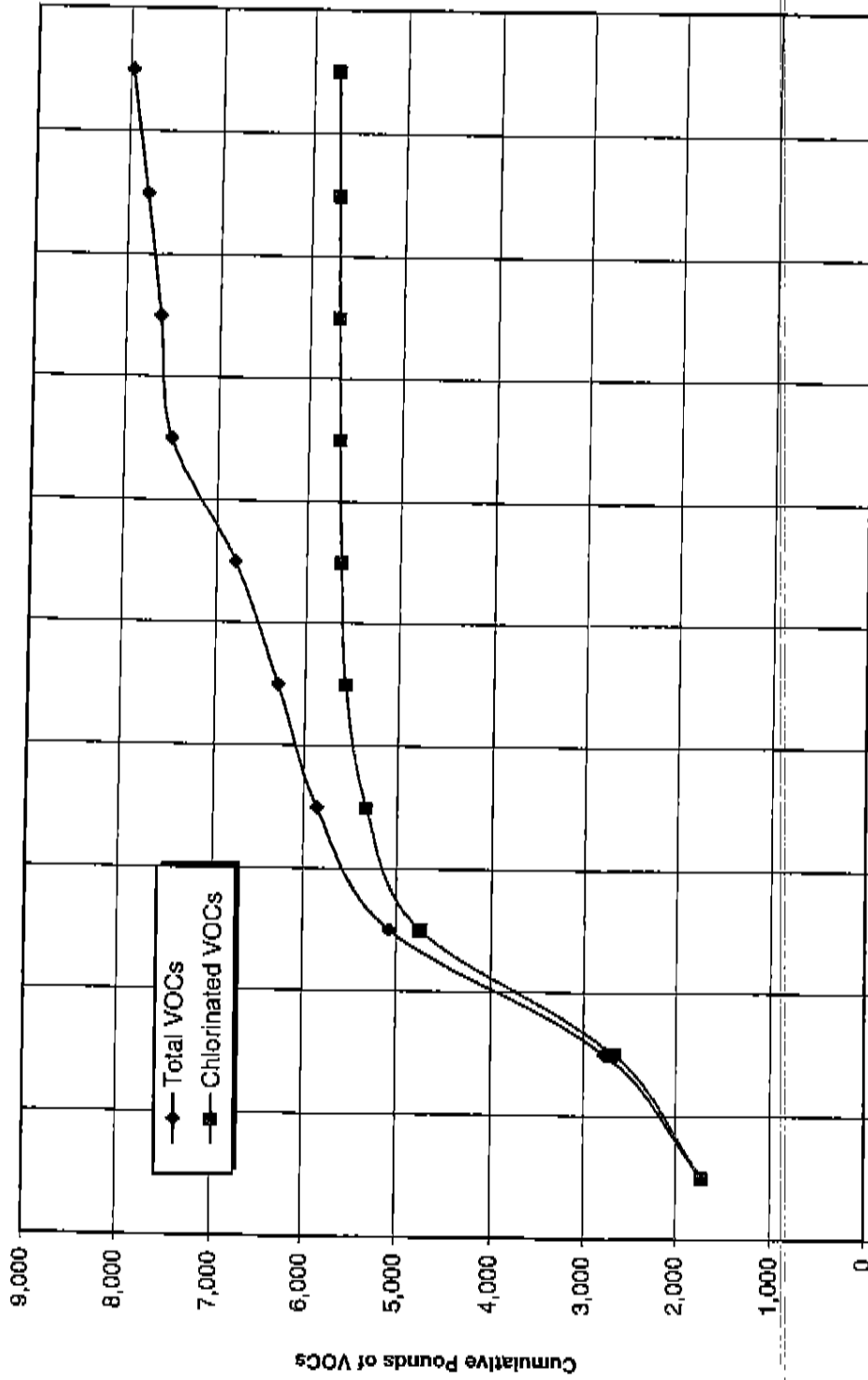
POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (< 1 ug/L)

POST-REMEDIAL CONDITIONS



**DEEP-LEVEL 1,1,1-TCA SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS**

Approved JM	Date 3/01/01	Revised	Date	Reference: 4650555A	FIG. 22
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May - July 1998 August - October 1998 November 1998 - January 1999 February - April 1999 May - July 1999 August - October 1999 November 1999 - January 2000 February - April 2000 May - July 2000 August - October 2000

Quarter



VOC Mass Removal Rates

Former APW Facility,
 777 Front Street, Burbank, CA

APPROVED: JJW DATE: 3/23/01 REFERENCE: FIGURE 23

APPENDIX A
SOIL GAS ANALYTICAL RESULTS

TABLE A.1
Soil Gas Analytical Results - Well and Probe Samples

SVE Well or Probe	Date Sampled	Sampling Depth (Feet)	Freon-12 Chloride	Vinyl Chloride	Chloroethane	Freon-113	Methylene Chloride	Trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-Tetrachloroethane	Carbon Monoxide			1,1,2-TCA	PCE	1,1,2,2-TCA	1,1-DCE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	Total Hydrocarbons
												ppm	ppm	ppm										
MW-01 @50'	1-Dec-94	50	(1)	(1)	(1)	20	(1)	(1)	(1)	(1)	11	(1)	96	(1)	500	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-01 @50'	21-Oct-98	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.6	(1)	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-01 @50'	26-Oct-00	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-01 @50'	1-Feb-01	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-01 @75'	1-Sep-92	75	150	(1)	(1)	na	(1)	(1)	(1)	na	32	(1)	210	(1)	940	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-01 @75'	1-Dec-94	75	(1)	(1)	(1)	18	(1)	(1)	(1)	16	(1)	240	(1)	70	(1)	130	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-01 @75'	21-Oct-98	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	16	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-01 @75'	26-Oct-00	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-01 @75'	1-Feb-01	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @25'	1-Sep-92	25	(1)	(1)	(1)	na	(1)	(1)	(1)	na	18,700	(1)	(1)	300	(1)	5,700	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @25'	1-Dec-94	25	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2,800	(1)	2	90	(1)	1,400	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @25'	30-Apr-98	25	na	(1)	na	na	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.7	na	na	na	na	na	na	na	na	na	(1)
MW-03 @25'	26-Oct-00	25	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @25'	1-Feb-01	25	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @50'	1-Sep-92	50	(1)	(1)	(1)	na	(1)	(1)	(1)	na	12,300	(1)	490	770	(1)	4,000	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @50'	1-Dec-94	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4,400	(1)	6	110	(1)	1,500	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @50'	30-Apr-98	50	na	(1)	na	na	(1)	(1)	(1)	(1)	820	(1)	11	62	na	720	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @50'	21-Oct-98	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	350	(1)	5.0	34	(1)	310	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @50'	26-Oct-00	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @50'	1-Feb-01	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @75'	1-Sep-92	75	(1)	(1)	(1)	na	(1)	(1)	(1)	na	680	(1)	16	52	(1)	420	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @75'	1-Dec-94	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	750	(1)	10	34	(1)	650	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @25'	21-Oct-98	25	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @75'	21-Oct-98	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	300	(1)	22	40	(1)	450	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-03 @75'	26-Oct-00	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.4	(1)	5.3	5.6	(1)	4.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-03 @75'	1-Feb-01	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.9	(1)	19	25	(1)	10	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @15'	1-Sep-92	15	150	(1)	(1)	na	(1)	(1)	(1)	na	1,300	(1)	(1)	330	(1)	400	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @15'	1-Dec-94	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	160	(1)	1.0	74	(1)	190	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @15'	30-Apr-98	15	na	(1)	na	na	(1)	(1)	(1)	(1)	51	(1)	(1)	na	88	na	na	na	na	na	na	na	na	(1)
MW-05 @15'	21-Oct-98	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	17	(1)	2.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @15'	26-Oct-00	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.0	(1)	2.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @15'	1-Feb-01	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @50'	1-Sep-92	50	250	(1)	(1)	na	(1)	(1)	(1)	na	1,500	(1)	12	11	(1)	600	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @50'	1-Dec-94	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	320	(1)	3.0	120	(1)	270	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @50'	30-Apr-98	50	na	(1)	na	na	(1)	(1)	(1)	(1)	260	(1)	15	220	na	360	na	na	na	na	na	na	na	(1)
MW-05 @50'	21-Oct-98	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	18	(1)	1.2	36	(1)	21	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @50'	26-Oct-00	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @50'	1-Feb-01	50	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @75'	1-Sep-92	75	340	(1)	(1)	na	(1)	(1)	(1)	na	200	(1)	12	110	(1)	97	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @75'	1-Dec-94	75	(1)	(1)	(1)	15	(1)	(1)	(1)	(1)	180	(1)	7.0	100	(1)	190	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @75'	21-Oct-98	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	55	(1)	30	500	(1)	64	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-05 @75'	26-Oct-00	75	9.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.1	2.8	2.8	(1)	1.5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
MW-05 @75'	1-Feb-01	75	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.2	1.4	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
SVE-01 @85'	1-Dec-94	85	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	300	(1)	4,200	1	(1)	4	(1)	(1)	(1)	(1)	(1)	(1)	(1)
SVE-01 @85'	20-Oct-98	85	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	90	(1)	540	(1)	3.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
SVE-01 @85'	27-Oct-00	85	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.0	(1)	4.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
SVE-01 @85' (D)	1-Feb-01	85	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.1	(1)	3.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)
SVE-01 @85' (D)	1-Feb-01	85	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.1	(1)	9.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(100)

TABLE A.1
Soil Gas Analytical Results - Well and Probe Samples

SVE Well or Probe	Date Sampled	Sampling Depth (Feet)	Freon-12	Vinyl Chloride	Chloroethane	Freon-11	Freon-113	Methylene Chloride	Trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-Tetrachloroethane	Carbon Tetrachloride		1,1,2-TCA	PCE	1,1,1,2-1,1,2,2-TCA		Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Total Hydrocarbons
													1,1,1-TCA	1,1,2-TCA			1,1,2-TCA	1,1,2-TCA					
VM-21 (D)	20-Apr-98	15	na	(1)	(1)	na	na	(1)	(1)	(1)	(1)	45	(1)	(1)	2.6	na	na	37	na	na	na	na	na
VM-21	20-Oct-98	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	14	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
VM-21	7-Jul-99	15	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-1	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-2	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.6	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-3	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-5	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-6	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-7	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-9	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-10	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-11	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-12	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-12	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.4	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-14	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-15	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-15	4-Nov-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	368	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-16	21-Jan-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-16	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-20	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-21	4-Mar-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	210	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-26	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-28	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-33 (D)	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-33 (D)	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.5	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-35	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	5.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-37	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-38	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-38	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-39	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2.2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-39	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.6	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-43	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-50	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	92	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-50	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-51	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	78	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-51	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.4	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-52	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	160	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-53	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-54	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-54	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-54	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-56	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-56	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-58	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-58	4-Nov-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	4.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-58	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-58	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-59	23-Oct-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-59	4-Nov-98	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-60	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-61	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na
Save-62	8-Jul-99	5-20	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na

na = Not analyzed
(1) = Not detected at indicated practical quantification limit

TABLE A.2
Soil Gas Analytical Results - Soil Gas Drive Points

Soil Gas Drive Point	Date Sampled	Sampling Depth (ft)	trans-1,2-DCE	cis-1,2-DCE	Chloro form	1,1,1-TCA	Carbon Tet	1,2-DCA	TCE	1,1,2-TCA	PCE	1,1,1,2-TCA	1,1,2,2-TCA	1,1-DCE	Benzene	Toluene	Benzene	m,p-Xylenes	o-Xylene	Ethyl
			ppm	ppm	ppm	ppm	Micrograms per Liter	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SG-401	Jan-92	5	nd	nd	nd	950	nd	nd	nd	nd	1.7	nd	nd	410	nd	nd	nd	nd	nd	nd
SG-402	Jan-92	5	nd	nd	nd	1,170	nd	nd	7.1	nd	3.0	nd	nd	750	nd	nd	nd	nd	nd	nd
SG-403	Jan-92	5	nd	nd	nd	2,000	nd	nd	nd	nd	3.4	nd	nd	910	nd	nd	nd	nd	nd	nd
SG-404	Jan-92	35	nd	nd	nd	72.4	nd	nd	120	nd	19.0	nd	nd	2,700	nd	0.3	nd	nd	nd	nd
SG-405	Jan-92	15	nd	nd	nd	490	nd	nd	nd	nd	nd	nd	nd	38.5	nd	nd	nd	nd	nd	nd
SG-406	Jan-92	5	nd	nd	nd	1,480	nd	nd	21.2	nd	2.3	nd	nd	180	nd	nd	nd	nd	nd	nd
SG-407	Jan-92	5	nd	nd	nd	1,200	nd	nd	0.9	nd	19.8	nd	nd	1,060	nd	nd	nd	nd	nd	nd
SG-408	Jan-92	5	nd	nd	nd	300	nd	nd	6.8	nd	2.9	nd	nd	39.0	nd	nd	nd	nd	nd	nd
SG-409	Jan-92	5	nd	nd	nd	1,100	nd	nd	nd	nd	31.0	nd	nd	550	nd	nd	nd	nd	nd	nd
SG-410	Jan-92	5	nd	nd	nd	1,800	nd	nd	30.0	nd	300	nd	nd	1,800	nd	nd	nd	nd	nd	nd
SG-411	Jan-92	5	nd	nd	nd	840	nd	nd	nd	nd	220	nd	nd	1,180	nd	nd	nd	nd	nd	nd
SG-412	Jan-92	5	nd	nd	nd	1,260	nd	nd	3.6	nd	193	nd	nd	860	nd	nd	nd	nd	nd	nd
SG-413	Jan-92	26	nd	nd	nd	2,100	nd	nd	5.5	nd	310	nd	nd	1,600	nd	nd	nd	nd	nd	nd
SG-414	Jan-92	15	nd	nd	nd	37.0	nd	nd	9.6	nd	6.0	nd	nd	13.0	nd	nd	nd	nd	nd	nd
SG-415	Jan-92	5	nd	nd	nd	420	nd	nd	1.8	nd	120	nd	nd	470	nd	nd	nd	nd	nd	nd
SG-416	Jan-92	5	nd	nd	nd	420	nd	nd	3.3	nd	170	nd	nd	200	nd	nd	nd	nd	nd	nd
SG-417	Jan-92	5	nd	nd	nd	4.1	nd	nd	0.1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-418	Jan-92	5	nd	nd	nd	10.3	nd	nd	1.6	nd	69.0	nd	nd	2.7	nd	nd	nd	nd	nd	nd
SG-419	Jan-92	5	nd	nd	nd	1.9	nd	nd	10.0	nd	44.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-420	Jan-92	15	nd	nd	nd	0.5	nd	nd	12.3	nd	600	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-421	Jan-92	5	nd	nd	nd	0.4	nd	nd	160	nd	2,000	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-422	Jan-92	5	nd	nd	nd	4.1	nd	nd	130	nd	2,100	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-423	Jan-92	20	nd	nd	nd	4.5	nd	nd	13.0	nd	580	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-424	Jan-92	3	nd	nd	nd	3.3	nd	nd	20.5	nd	3,050	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-425	Jan-92	3	nd	nd	nd	1.8	nd	nd	18.0	nd	900	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-426	Jan-92	5	nd	nd	nd	0.6	nd	nd	6.0	nd	100	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-427	Jan-92	5	nd	nd	nd	0.6	nd	nd	31.0	nd	1,300	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-428	Jan-92	23	nd	nd	nd	6.4	nd	nd	390	nd	1,500	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-400	Jan-92	5	nd	nd	nd	0.3	nd	nd	340	nd	650	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-401	Jan-92	5	nd	nd	nd	6.1	nd	nd	nd	nd	330	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-402	Jan-92	5	nd	nd	nd	1.3	nd	nd	nd	nd	12.9	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-403	Jan-92	5	nd	nd	nd	86.0	nd	nd	nd	nd	340	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-404	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	14.9	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-405	Jan-92	5	nd	nd	nd	3.1	nd	nd	nd	nd	25.4	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-406	Jan-92	10	nd	nd	nd	nd	nd	nd	230	nd	400	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-407	Jan-92	5	nd	nd	nd	nd	nd	nd	190	nd	410	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-408	Jan-92	9	nd	nd	nd	nd	nd	nd	1.4	nd	9.3	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-409	Jan-92	5	nd	nd	nd	0.2	nd	nd	210	nd	350	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-410	Jan-92	15	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-411	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-412	Jan-92	5	nd	nd	nd	0.3	nd	nd	4.1	nd	5.8	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-413	Jan-92	5	nd	nd	nd	nd	nd	nd	140	nd	120	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-414	Jan-92	5	nd	nd	nd	nd	nd	nd	160	nd	13.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-415	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-416	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-417	Jan-92	5	nd	nd	nd	nd	nd	nd	1.3	nd	5.6	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-418	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-419	Jan-92	5	nd	nd	nd	nd	nd	nd	14.6	nd	210	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-420	Jan-92	5	nd	nd	nd	nd	nd	nd	1.8	nd	6.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-421	Jan-92	5	nd	nd	nd	nd	nd	nd	7.0	nd	22.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-422	Jan-92	5	nd	nd	nd	nd	nd	nd	6.7	nd	400	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-423	Jan-92	29	nd	nd	nd	6.0	nd	nd	120	nd	770	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-424	Jan-92	5	nd	nd	nd	0.4	nd	nd	5.4	nd	230	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-425	Jan-92	15	nd	nd	nd	1.6	nd	nd	19.3	nd	460	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-426	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	3.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-427	Jan-92	15	nd	nd	nd	0.5	nd	nd	nd	nd	5.0	nd	nd	nd	nd	nd	nd	nd	nd	nd

TABLE A.2
Soil Gas Analytical Results - Soil Gas Drive Points

Soil Gas Drive Point	Date Sampled	Sampling Depth (ft)	Freon-12 Chloride	Freon-11	Freon-113	DOM	trans-1,2-DCE	1,1-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA Carbonifer	1,2-DCA	TOE	1,1,2-TCA	PCE	1,1,1,2-TCA	1,1,2,2-TCA	1,1-DCE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	nd
SG-406	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	11.9	nd	2.2	nd	140	nd	nd	9.0	nd	nd	nd	nd	nd	nd
SG-407	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.2	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-408	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1.7	nd	nd	nd	0.3	nd	nd	0.6	nd	nd	nd	nd	nd	nd
SG-409	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1.5	nd	nd	nd	1.0	nd	nd	4.5	nd	nd	nd	nd	nd	nd
SG-460	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	43.0	nd	4.1	nd	10.0	nd	nd	3.0	nd	nd	nd	nd	nd	nd
SG-461	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	34.0	nd	2.9	nd	7.0	nd	nd	3.0	nd	nd	nd	nd	nd	nd
SG-462	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	28.0	nd	1.2	nd	14.0	nd	nd	66.0	nd	nd	nd	nd	nd	nd
SG-463	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	31.0	nd	1.0	nd	2.4	nd	nd	11.0	nd	nd	nd	nd	nd	nd
SG-464	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	9.0	nd	2.5	nd	14.0	nd	nd	12.0	nd	nd	nd	nd	nd	nd
SG-465	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	36.0	nd	3.0	nd	39.0	nd	nd	12.0	nd	nd	nd	nd	nd	nd
SG-466	Jan-92	24	nd	nd	nd	nd	nd	nd	nd	nd	1,700	nd	5.7	nd	79.0	nd	nd	1,690	nd	nd	nd	nd	nd	nd
SG-467	Jan-92	15	nd	nd	nd	nd	nd	nd	nd	nd	1.7	nd	6.2	nd	71.0	nd	nd	350	nd	nd	nd	nd	nd	nd
SG-468	Jan-92	5	nd	nd	nd	nd	nd	nd	nd	nd	2.20	nd	2.1	nd	16.0	nd	nd	120	nd	nd	nd	nd	nd	nd
SG-469	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	18.0	nd	nd	nd	6.3	nd	nd	8.4	nd	nd	nd	nd	nd	nd
SG-470	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	12.1	nd	nd	nd	nd	nd	nd	8.4	nd	nd	nd	nd	nd	nd
SG-471	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	2.3	nd	nd	nd	nd	nd	nd	8.4	nd	nd	nd	nd	nd	nd
SG-472	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	0.0	nd	nd	nd	nd	nd	nd	1.1	nd	nd	nd	nd	nd	nd
SG-473	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	4.0	nd	nd	nd	nd	nd	nd	4.0	nd	nd	nd	nd	nd	nd
SG-474	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	5.0	nd	nd	nd	nd	nd	nd	4.0	nd	nd	nd	nd	nd	nd
SG-475	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	0.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-476	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-477	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	13.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-478	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	57.0	nd	1.5	nd	9.4	nd	nd	48.0	nd	nd	nd	nd	nd	nd
SG-479	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1,130	nd	4.3	nd	44.0	nd	nd	68.0	nd	nd	nd	nd	nd	nd
SG-480	Jan-92	15	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	45.6	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-481	Jan-92	15	nd	nd	nd	nd	nd	nd	nd	nd	1.2	nd	nd	nd	nd	nd	nd	3.4	nd	nd	nd	nd	nd	nd
SG-482	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1,000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-483	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	2,400	nd	3.5	nd	1.4	nd	nd	550	nd	nd	nd	nd	nd	nd
SG-484	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	45.0	nd	nd	nd	nd	nd	nd	2,100	nd	nd	nd	nd	nd	nd
SG-485	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	30.0	nd	nd	nd	nd	nd	nd	140.0	nd	nd	nd	nd	nd	nd
SG-486	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	82.0	nd	0.7	nd	170	nd	nd	13.0	nd	nd	nd	nd	nd	nd
SG-487	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	31.0	nd	nd	nd	nd	nd	nd
SG-488	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	85.0	nd	nd	nd	nd	nd	nd
SG-489	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1.0	nd	103	nd	nd	nd	nd	1,700	nd	nd	nd	nd	nd	nd
SG-490	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	0.5	nd	85.0	nd	nd	nd	nd	2,100	nd	nd	nd	nd	nd	nd
SG-491	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	2.6	nd	7.2	nd	57.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-492	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	0.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-493	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-494	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	41.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-495	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	1.1	nd	nd	nd	nd	nd	nd	2,500	nd	nd	nd	nd	nd	nd
SG-496	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-497	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-498	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-499	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-100	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	3.3	nd	30.0	nd	15.0	nd	nd	21.0	nd	nd	nd	nd	nd	nd
SG-101	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	16.0	nd	5.5	nd	25.0	nd	nd	70.0	nd	nd	nd	nd	nd	nd
SG-102	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	72.0	nd	4.3	nd	22.0	nd	nd	190	nd	nd	nd	nd	nd	nd
SG-103	Jan-92	3	nd	nd	nd	nd	nd	nd	nd	nd	9.3	nd	95.0	nd	260	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-201	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	1,000	nd	2.5	nd	5.4	nd	nd	290	nd	nd	nd	nd	nd	nd
SG-202	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	12.0	nd	nd	nd	34.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-203	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	37.0	nd	nd	nd	26.0	nd	nd	5.8	nd	nd	nd	nd	nd	nd
SG-204	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	59.0	nd	nd	nd	31.0	nd	nd	4.8	nd	nd	nd	nd	nd	nd
SG-205	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	24.0	nd	nd	nd	23.0	nd	nd	4.2	nd	nd	nd	nd	nd	nd
SG-206	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	40.0	nd	nd	nd	14.0	nd	nd	3.1	nd	nd	nd	nd	nd	nd
SG-207	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	36.0	nd	nd	nd	78.0	nd	nd	4.6	nd	nd	nd	nd	nd	nd
SG-208	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	12.0	nd	nd	nd	nd	nd	nd	99.0	nd	nd	nd	nd	nd	nd
SG-209	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	19.0	nd	nd	nd	35.0	nd	nd	1.3	nd	nd	nd	nd	nd	nd
SG-210	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	190	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-211	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	37.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-212	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	21.0	nd	nd	nd	nd	nd	nd	nd	nd	nd

TABLE A.2
Soil Gas Analytical Results - Soil Gas Drive Points

Soil Gas Drive Point	Date Sampled	Sampling Depth (ft)	Vinyl Chloride	Micro ethane	Freon-113	DCM	trans-1,2-DCE	1,1-DCA	cis-1,2-DCE	Chloro form	1,1,1-TCA	Carbon Tet	1,2-DCA	TCE	1,1,2-TCA	PCB	1,1,1,2-TCA	1,1,2,2-TCA	1,1-DCE	Benzene	Toluene	Benzene	o-Xylene	m-p-Xylene	EtOH
													Micrograms per liter												
SG-213	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	270	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-214	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	33.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-215	Dec-94	9	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	7.6	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-216	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	400	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-217	Dec-94	8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	74.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-218	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	13.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-219	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	300	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-220	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2.5	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-221	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	10.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-222	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	8.5	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-223	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	6.9	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-224	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	21.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-225	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	19.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-226	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	27.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-227	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	11.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-228	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	34.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-229	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	14.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-230	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	13.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-231	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	390	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-232	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	32.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-233	Dec-94	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	53.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-234	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	33.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-235	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	41.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-236	Dec-94	17	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	13.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-237	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-238	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-239	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	600	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-240	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1,300	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-241	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	590	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-242	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1,500	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-243	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	580	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-244	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	280	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-245	Dec-94	20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1,400	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-246	Dec-94	29	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	210	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-247	Dec-94	32	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2,900	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-248	Dec-94	23	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	33.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
SG-249	Dec-94	30	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	170	nd	nd	nd	nd	nd	nd	nd	nd	nd
																43.0	nd	nd	nd	nd	nd	nd	nd	nd	nd
																43.0	nd	nd	nd	nd	nd	nd	nd	nd	nd

nd: Not detected above detection limit

APPENDIX B

SUMMARY OF GROUNDWATER SAMPLING RESULTS

APPENDIX C
GROUNDWATER LEVEL MEASUREMENTS

TABLE C.1
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-1

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method. Comments</i>
17-Jul-92	1:45 PM	114.76	469.13	IW/PO	Metric Sound.#1
28-Jul-92	4:25 PM	114.07	469.82	IST/PO	Metric Sound.#1
29-Jul-92	11:15 AM	114.14	469.76	IST/PO	Metric Sound.#1
30-Jul-92	5:45 PM	114.22	469.68	PO	Metric Sound.#1
12-Aug-92	7:23 AM	114.24	469.66	PO/JF	Metric Sound.#1
14-Aug-92	5:05 PM	114.37	469.52	MP/JF	Metric Sound.#1
2-Sep-92	2:00 PM	114.50	469.39	MP/JF	Metric Sound.#1
8-Sep-92	9:06 AM	114.50	469.39	MP/JF	Metric Sound.#1
9-Sep-92	4:03 PM	114.49	469.40	MP	Metric Sound.#1
21-Oct-92	6:45 PM	115.43	468.47	MP/JW	Metric Sound.#1
24-Nov-92	3:51 PM	116.14	467.76	MP/IST	InscO Sound.
3-Dec-92	7:29 AM	116.01	467.89	JST/MB	Metric Sound.#2
8-Dec-92	8:55 AM	116.50	467.40	MP	Metric Sound.#2
28-Jan-93	8:00 AM	117.13	466.77	JW	InscO Sound.
19-Feb-93	7:11 AM	117.26	466.64	JW	InscO Sound.
19-Mar-93	10:59 AM	117.61	466.29	MB	InscO Sound.
20-Apr-93	4:52 PM	117.35	466.55	MB	InscO Sound.
7-Jun-93	12:36 PM	115.43	468.47	WT	InscO Sound.
29-Jun-93	12:14 PM	114.57	469.33	MP/JW	InscO Sound.
30-Jul-93	9:10 AM	113.86	470.04	JW	InscO Sound.
2-Sep-93	11:20 AM	112.76	471.14	WT	InscO Sound.#4
1-Oct-93	1:10 PM	113.59	470.31	MP/PO	InscO Sound.#4
4-Nov-93	8:45 AM	113.68	470.22	JW	InscO Sound.#4
6-Dec-93	2:33 PM	113.06	470.84	WT	InscO Sound.#4
30-Dec-93	9:50 AM	113.05	470.85	BV	InscO Sound.#4
1-Feb-94	12:08 PM	111.06	472.84	BV	InscO Sound.#4
25-Feb-94	12:15 PM	109.64	474.26	BV	InscO Sound.#4
13-Apr-94	5:55 PM	110.67	473.23	BV	InscO Sound.#4
4-May-94	11:20 AM	110.41	473.49	BV	InscO Sound.#4
31-May-94	4:10 PM	108.12	475.78	TS	InscO Sound.#4
13-Jul-94	8:20 AM	109.06	474.84	MEP	InscO Sound.#4
12-Aug-94	11:40 AM	107.20	476.70	TS	InscO Sound.#4
21-Sep-94	11:26 AM	107.85	476.05	MEP/JT	InscO Sound.#4
27-Oct-94	10:45 AM	107.89	476.01	BV	InscO Sound.#4
21-Nov-94	2:00 PM	107.66	476.24	BV	InscO Sound.#4
27-Jan-95	12:37 PM	107.12	476.78	BV	InscO Sound.#4
22-Mar-95	5:36 PM	107.10	476.80	IST	InscO Sound.#4
3-Apr-95	11:00 AM	107.09	476.81	BV	InscO Sound.#4
27-Jun-95	5:30 PM	105.07	478.83	BV	InscO Sound.#4
7-Sep-95	11:04 AM	104.44	479.46	BV	InscO Sound.#4
31-Jan-96	1:07 PM	103.50	480.40	BV	InscO Sound.#4
22-Jan-97	10:40 AM	106.69	477.21	GAC	InscO Sound.#4
31-Jul-97	3:00 PM	109.65	474.25	GAC	InscO Sound.#4
16-Jan-98	3:35 PM	109.25	474.65	GAC	InscO Sound.#4
25-Aug-98	11:44 AM	109.37	474.53	WT	InscO Sound.
29-Jan-99	10:30 AM	107.77	476.13	JM	InscO Sound.
30-Apr-99	9:38 AM	108.05	475.85	BA	InscO Sound.
19-Jul-99	4:21 PM	110.57	473.33	BA	InscO Sound.
7-Feb-00	1:20 PM	115.37	468.53	BA	
2-Aug-00		120.90	463.00	JM	
21-Sep-00		121.44	462.46	JM	
30-Nov-00	11:00 AM	122.08	461.82	JM	

Measuring Point Elevation: 583.90

TABLE C.2
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-2

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
28-Jul-92	4:51 PM	108.73	470.92	JW/PO	Metric Sound.#1
30-Jul-92	7:30 AM	108.75	470.90	JST/PO	Metric Sound.#1
30-Jul-92	6:05 PM	110.22	469.43	JST/PO	Metric Sound.#1
12-Aug-92	8:00 AM	110.40	469.25	PO	Metric Sound.#1
15-Aug-92	5:50 AM	110.50	469.15	PO/JF	Metric Sound.#1
2-Sep-92	2:07 PM	110.50	469.15	MP/JF	Metric Sound.#1
8-Sep-92	8:54 AM	110.85	468.80	MP/JF	Metric Sound.#1
9-Sep-92	3:52 PM	110.49	469.16	MP/JF	Metric Sound.#1
21-Oct-92	6:28 PM	111.43	468.22	MP	Metric Sound.#1
24-Nov-92	3:35 PM	112.10	467.55	MP/JW	Insco Sound., poor replic; water dripping down casing
3-Dec-92	7:03 AM	111.90	467.75	MP/JST	Metric Sound.#2
8-Dec-92	8:40 AM	113.09	466.56	JST/MB	Metric Sound.#2
30-Dec-92	3:57 PM	112.21	467.44	MP	Insco Sound.
28-Jan-93	8:15 AM	112.83	466.82	JW	Insco Sound.
19-Feb-93	7:24 AM	112.73	466.92	JW	Insco Sound., poor replic; water dripping down casing
19-Mar-93	8:38 AM	114.65	465.00	MB	Insco Sound.
20-Apr-93	4:36 PM	112.81	466.84	MB	Insco Sound.
7-Jun-93	12:10 PM	111.48	468.17	WT	Insco Sound.
29-Jun-93	2:59 PM	109.97	469.68	MP/JW	Insco Sound.
30-Jul-93	9:43 AM	109.38	470.27	JW	Insco Sound.#4
2-Sep-93	11:55 AM	108.50	471.15	WT	Insco Sound.#4
1-Oct-93	3:20 PM	109.24	470.41	MP/PO	Insco Sound.#4
4-Nov-93	9:11 AM	109.17	470.48	JW	Insco Sound.#4
6-Dec-93	2:12 PM	108.58	471.07	WT	Insco Sound.#4
29-Dec-93	6:30 AM	108.38	471.27	BV	Insco Sound.#4
1-Feb-94	11:12 AM	106.47	473.18	BV	Insco Sound.#4
25-Feb-94	11:10 AM	104.64	475.01	BV	Insco Sound.#4
12-Apr-94	2:02 PM	105.60	474.05	BV	Insco Sound.#4
4-May-94	10:35 AM	105.27	474.38	BV	Insco Sound.#4
31-May-94	3:45 PM	102.93	476.72	TS	Insco Sound.#4
13-Jul-94	10:25 AM	103.75	475.90	TS	Insco Sound.#4
12-Aug-94	11:15 AM	101.84	477.81	TS	Insco Sound.#4
20-Sep-94	3:32 PM	102.43	477.22	MEP/JT	Insco Sound.#4
27-Oct-94	11:27 AM	102.55	477.10	BV	Insco Sound.#4
21-Nov-94	3:00 PM	102.30	477.35	BV	Insco Sound.#4
27-Jan-95	7:35 AM	101.85	477.80	BV	Insco Sound.#4
22-Mar-95	2:27 PM	101.90	477.75	JST	Insco Sound.#4
3-Apr-95	11:11 AM	101.90	477.75	BV	Insco Sound.#4
28-Jun-95	9:00 AM	99.67	479.98	BV	Insco Sound.#4
7-Sep-95	11:58 AM	99.03	480.62	BV	Insco Sound.#4
31-Jan-96	11:07 AM	98.00	481.65	BV	Insco Sound.#4
21-Jan-97	12:53 PM	101.74	477.91	GAC/JST	
31-Jul-97	10:45 AM	105.44	474.21	GAC	
19-Jan-98	8:56 AM	104.82	474.83	GAC	
25-Aug-98	2:30 PM	104.49	475.16	WT	
28-Jan-99	3:00 PM	103.09	476.56	JM	
30-Apr-99				BA	No Access
19-Jul-99	4:53 PM	107.49	472.16	BA	
8-Sep-99		109.75	469.90	BA	
28-Jan-00	2:45 PM	112.00	467.65	BA	
2-Aug-00		117.60	462.05	JM	
30-Nov-00	2:30 PM	118.22	461.43	JM	
Measuring Point Elevation:		579.65			

TABLE C.3
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-3

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
28-Jul-92	4:57 PM	105.92	469.72	JW/PO	Metric Sound.#1
29-Jul-92	5:30 PM	105.88	469.77	JST/PO	Metric Sound.#1
30-Jul-92	6:00 PM	106.23	469.42	JST/PO	Metric Sound.#1
12-Aug-92	7:50 AM	106.63	469.02	PO	Metric Sound.#1
14-Aug-92	8:30 PM	106.30	469.35	PO/JF	Metric Sound.#1
2-Sep-92	2:11 PM	106.59	469.05	MP/JF	Metric Sound.#1
8-Sep-92	8:45 AM	106.73	468.92	MP/JF	Metric Sound.#1
9-Sep-92	3:50 PM	106.50	469.15	MP/JF	Metric Sound.#1
21-Oct-92	6:35 PM	107.62	468.02	MP	Metric Sound.#1
24-Nov-92	3:45 PM	108.51	467.14	MP/JW	InscO Sound.
3-Dec-92	6:58 AM	108.27	467.38	MP/JST	Metric Sound.#2
8-Dec-92	8:45 AM	111.92	463.73	JST/MB	Metric Sound.#2
30-Dec-92	3:50 PM	109.27	466.38	MP	InscO Sound.
28-Jan-93	8:06 AM	109.32	466.33	JW	InscO Sound.
19-Feb-93	7:16 AM	109.63	466.02	JW	InscO Sound.
18-Mar-93	3:33 PM	109.64	466.01	MB	InscO Sound.
20-Apr-93	12:12 PM	109.44	466.21	MB	InscO Sound.
7-Jun-93	12:15 PM	107.30	468.35	WT	InscO Sound.
29-Jun-93	10:51 AM	106.59	469.06	MP/JW	InscO Sound.
30-Jul-93	9:40 AM	105.68	469.97	JW	InscO Sound.#4
2-Sep-93	12:07 PM	104.61	471.04	WT	InscO Sound.#4
1-Oct-93	11:28 AM	105.88	469.77	MP/PO	InscO Sound.#4
4-Nov-93	9:07 AM	105.88	469.77	JW	InscO Sound.#4
6-Dec-93	2:17 PM	105.26	470.39	WT	InscO Sound.#4
29-Dec-93	10:15 AM	105.23	470.42	BV	InscO Sound.#4
1-Feb-94	11:00 AM	103.08	472.57	BV	InscO Sound.#4
25-Feb-94	11:00 AM	101.53	474.12	BV	InscO Sound.#4
12-Apr-94	7:40 AM	102.81	472.84	BV	InscO Sound.#4
4-May-94	10:30 AM	102.40	473.25	BV	InscO Sound.#4
31-May-94	3:20 PM	NA		TS	No Access - Roll-off bin placed over well
13-Jul-94	12:40 PM	101.00	474.65	TS	InscO Sound.#4
12-Aug-94	11:20 AM	98.91	476.74	TS	InscO Sound.#4
21-Sep-94	7:15 AM	99.76	475.89	MEP/JT	InscO Sound.#4
27-Oct-94	11:34 AM	99.86	475.79	BV	InscO Sound.#4
21-Nov-94	2:55 PM	99.62	476.03	BV	InscO Sound.#4
27-Jan-95	9:50 AM	99.10	476.55	BV	InscO Sound.#4
22-Mar-95	4:00 PM	99.20	476.45	JST	InscO Sound.#4
3-Apr-95	11:06 AM	99.08	476.57	BV	InscO Sound.#4
28-Jun-95	2:30 PM	96.97	478.68	BV	InscO Sound.#4
7-Sep-95	12:10 PM	96.18	479.47	BV	InscO Sound.#4
31-Jan-96	9:09 AM	94.85	480.80	BV	InscO Sound.#4
22-Jan-97	1:00 PM	98.73	476.92	GAC/JST	
31-Jul-97	1:00 PM	101.87	473.78	GAC	
19-Jan-98	7:42 AM	101.08	474.57	GAC	
25-Aug-98	6:51 PM	101.21	474.44	WT	
28-Jan-99	10:48 AM	99.74	475.91	JM	
30-Apr-99	9:49 AM	99.40	476.25	BA	
19-Jul-99	4:44 PM	103.57	472.08	BA	
8-Sep-99		106.13	469.52	BA	
7-Feb-00	9:59 AM	108.16	467.49	BA	
2-Aug-00		113.40	462.25	JM	
21-Sep-00		113.98	461.67	JM	
17-Nov-00	12:34 PM	115.36	460.29	JM	
1-Dec-00	8:15 AM	114.12	461.53	JM	
Measuring Point Elevation:		575.65			

TABLE C.4
GROUNDWATER LEVEL MEASUREMENTS, WELL MW.4

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
15-Jul-92	4:00 PM	116.95	471.95	JW/PO	Metric Sound.#1, steel tape.
17-Jul-92	1:20 PM	115.80	471.43	JW/PO	Metric Sound.#1
28-Jul-92	4:15 PM	115.91	471.32	JST/PO	Metric Sound.#1
29-Jul-92	8:12 AM	115.83	471.40	JST/PO	Metric Sound.#1
29-Jul-92	1:20 PM	115.64	471.59	JST/PO	Metric Sound.#1
30-Jul-92	5:50 PM	114.81	472.42	JST/PO	Metric Sound.#1
12-Aug-92	7:05 AM	114.90	472.33	PO	Metric Sound.#1
14-Aug-92	11:30 AM	115.04	472.19	PO/JF	Metric Sound.#1
2-Sep-92	2:20 PM	115.11	472.12	MP/JF	Metric Sound.#1
8-Sep-92	9:01 AM	115.15	472.08	MP/JF	Metric Sound.#1
9-Sep-92	4:01 PM	115.04	472.19	MP/JF	Metric Sound.#1
21-Oct-92	6:04 PM	115.51	471.72	MP	Metric Sound.#1
24-Nov-92	3:22 PM	115.92	471.31	MP/JW	InscO Sound.
3-Dec-92	7:25 AM	115.87	471.36	MP/JST	Metric Sound.#2
8-Dec-92	7:30 AM	116.63	470.60	JST/MB	Metric Sound.#2
30-Dec-92	4:10 PM	116.63	470.60	MP	InscO Sound.
28-Jan-93	7:45 AM	116.78	470.45	JW	InscO Sound.
19-Feb-93	7:04 AM	116.87	470.36	JW	InscO Sound.
16-Mar-93	1:56 PM	117.29	469.94	MB	InscO Sound.
20-Apr-93	4:40 PM	117.55	469.68	MB	InscO Sound.
7-Jun-93	11:40 AM	116.66	470.57	WT	InscO Sound.
28-Jun-93	7:17 AM	116.26	470.97	MP/JW	InscO Sound.
30-Jul-93	9:06 AM	115.52	471.71	JW	InscO Sound.#4
2-Sep-93	11:37 AM	114.66	472.57	WT	InscO Sound.#4
30-Sep-93	6:50 AM	114.65	472.58	MP/PO	InscO Sound.#4
4-Nov-93	8:40 AM	114.67	472.56	JW	InscO Sound.#4
6-Dec-93	1:52 PM	114.09	473.14	WT	InscO Sound.#4
28-Dec-93	7:00 AM	114.07	473.16	BV	InscO Sound.#4
1-Feb-94	11:36 AM	113.27	473.96	BV	InscO Sound.#4
25-Feb-94	10:50 AM	112.09	475.14	BV	InscO Sound.#4
30-Mar-94	3:30 PM	112.00	475.23	BV	InscO Sound.#4
4-May-94	10:15 AM	111.47	475.76	BV	InscO Sound.#4
31-May-94	3:05 PM	110.48	476.75	TS	InscO Sound.#4
11-Jul-94	11:25 AM	111.30	475.93	MEP	InscO Sound.#4
12-Aug-94	10:30 AM	109.34	477.89	TS	InscO Sound.#4
20-Sep-94	6:54 AM	108.97	478.26	MEP/JT	InscO Sound.#4
27-Oct-94	11:12 AM	108.68	478.55	BV	InscO Sound.#4
21-Nov-94	2:35 PM	108.53	478.70	BV	InscO Sound.#4
25-Jan-95	1:00 PM	107.66	479.57	BV	InscO Sound.#4
21-Mar-95	9:50 AM	107.50	479.73	JST	InscO Sound.#4
3-Apr-95	10:50 AM	107.60	479.63	BV	InscO Sound.#4
22-Jun-95	11:30 AM	106.92	480.31	VM	InscO Sound.#4
7-Sep-95	11:34 AM	105.98	481.25	BV	InscO Sound.#4
30-Jan-96	10:27 AM	104.81	482.42	BV	InscO Sound.#4
21-Jan-97	8:05 AM	106.94	480.29	GAC/JST	Water w/ oil sheen in vault
28-Jul-97	9:00 AM	109.49	477.74	GAC	
15-Jan-98	9:28 AM	110.87	476.36	WT	
25-Aug-98	11:24 AM	110.44	476.79	WT	
26-Jan-99	9:23 AM	111.10		JM	
9-Feb-99	3:00 PM	109.16	478.07	BA	
30-Apr-99	9:14 AM	110.32	476.91	BA	
19-Jul-99	4:10 PM	112.02	475.21	BA	
8-Sep-99		114.40	472.83	BA	
1/27/00	13:19	119.71	467.52	BA	
8/2/00		121.91	465.32	JM	
9/21/00		121.33	465.90	JM	
11/17/00	12:20	122.42	464.81	JM	
11/28/00	10:40	122.35	464.88	JM	
Measuring Point Elevation:		587.23			

TABLE C.6
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-6

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
30-Jul-92	4:35 PM	108.12	473.71	JST/PO	Metric Sound.#1
12-Aug-92	7:46 AM	111.94	469.89	PO	Metric Sound.#1
15-Aug-92	1:05 PM	111.94	469.89	PO/JF	Metric Sound.#1
2-Sep-92	2:35 PM	112.04	469.79	MP/JF	Metric Sound.#1
8-Sep-92	8:57 AM	112.27	469.56	MP/JF	Metric Sound.#1
9-Sep-92	3:55 PM	111.98	469.85	MP/JF	Metric Sound.#1
21-Oct-92	6:20 PM	112.81	469.02	MP	Metric Sound.#1, rainwater in well vault
24-Nov-92	3:31 PM	111.99	469.84	MP/JW	InscO Sound., rainwater in well
3-Dec-92	7:05 AM	111.89	469.94	MP/JST	Metric Sound.#2
8-Dec-92	8:30 AM	113.85	467.98	JST/MB	Metric Sound.#2
30-Dec-92	4:02 PM	114.15	467.68	MP	InscO Sound.
28-Jan-93	8:28 AM	113.90	467.93	JW	InscO Sound., rainwater in well vault
19-Feb-93	7:31 AM	108.50	473.33	JW	InscO Sound., rainwater in well
17-Mar-93	11:13 AM	114.49	467.34	MB	InscO Sound.
20-Apr-93	4:28 PM	113.93	467.90	MB	InscO Sound.
7-Jun-93	11:58 AM	112.64	469.19	WT	InscO Sound.
28-Jun-93	11:49 AM	111.75	470.08	MP/JW	InscO Sound.
30-Jul-93	9:47 AM	110.49	471.34	JW	InscO Sound.#4
2-Sep-93	11:49 AM	109.57	472.26	WT	InscO Sound.#4
30-Sep-93	1:01 PM	110.04	471.79	MP/PO	InscO Sound.#4
4-Nov-93	9:20 AM	109.45	472.38	JW	InscO Sound.#4
6-Dec-93	2:05 PM	109.10	472.73	WT	InscO Sound.#4
28-Dec-93	3:47 PM	108.96	472.87	BV	InscO Sound.#4
1-Feb-94	11:20 AM	107.37	474.46	BV	InscO Sound.#4
25-Feb-94	11:25 AM	105.92	475.91	BV	InscO Sound.#4
31-Mar-94	4:30 PM	106.27	475.56	BV	InscO Sound.#4
4-May-94	10:26 AM	105.97	475.86	BV	InscO Sound.#4
31-May-94	3:35 PM	104.68	477.15	TS	InscO Sound.#4
12-Jul-94	7:17 AM	104.45	477.38	MEP	InscO Sound.#4
12-Aug-94	10:40 AM	103.36	478.47	TS	InscO Sound.#4
19-Sep-94	11:22 AM	103.20	478.63	MEP/JT	InscO Sound.#4
27-Oct-94	11:22 AM	103.10	478.73	BV	InscO Sound.#4
21-Nov-94	2:50 PM	102.81	479.02	BV	InscO Sound.#4
26-Jan-95	7:42 AM	102.14	479.69	BV	InscO Sound.#4
22-Mar-95	9:05 AM	101.20	480.63	JST	InscO Sound.#4
3-Apr-95	11:26 AM	101.85	479.98	BV	InscO Sound.#4
23-Jun-95	7:30 AM	101.00	480.83	VM	InscO Sound.#4
7-Sep-95	11:42 AM	99.79	482.04	BV	InscO Sound.#4
30-Jan-96	3:00 PM	98.98	482.85	BV	InscO Sound.#4
21-Jan-97	12:45 PM	102.00	479.83	GAC/JST	rainwater with sheen of oil in vault
31-Jul-97		NM		GAC	No Access- Pile of soil covering well
16-Jan-98		NM		GAC/WT	No Access- Wellhead damaged
Well Abandoned 5/1/98					
Measuring Point Elevation:		581.83			

TABLE C.7
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-7

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
3-Dec-92	7:48 AM	117.55	469.68	MP/JST	Metric Sound.#2
8-Dec-92	9:20 AM	119.61	467.62	JST/MB	Metric Sound.#2
30-Dec-92	4:29 PM	117.37	469.86	MP	Insko Sound.
28-Jan-93	8:54 AM	120.04	467.19	JW	Insko Sound.
19-Feb-93	7:51 AM	120.25	466.98	JW	Insko Sound.
18-Mar-93	8:45 AM	119.75	467.48	MB	Insko Sound.
20-Apr-93	5:04 PM	120.42	466.81	MB	Insko Sound.
7-Jun-93	12:58 PM	118.52	468.71	WT	Insko Sound.
28-Jun-93	2:48 PM	117.81	469.42	MP/JW	Insko Sound.
30-Jul-93	9:19 AM	116.72	470.51	JW	Insko Sound.#4
2-Sep-93	12:26 PM	115.78	471.45	WT	Insko Sound.#4
30-Sep-93	2:54 PM	116.30	470.93	MP/PO	Insko Sound.#4
4-Nov-93	8:53 AM	116.22	471.01	JW	Insko Sound.#4
6-Dec-93	2:51 PM	115.49	471.74	WT	Insko Sound.#4
28-Dec-93	1:45 PM	115.55	471.68	BV	Insko Sound.#4
1-Feb-94	12:00 PM	113.84	473.39	BV	Insko Sound.#4
25-Feb-94	12:05 PM	112.27	474.96	BV	Insko Sound.#4
31-Mar-94	10:40 AM	113.17	474.06	BV	Insko Sound.#4
4-May-94	11:15 AM	112.69	474.54	BV	Insko Sound.#4
31-May-94	3:22 PM	110.55	476.68	TS	Insko Sound.#4
12-Jul-94	11:24 AM	111.19	476.04	MEP	Insko Sound.#4
12-Aug-94	10:50 AM	109.63	477.60	TS	Insko Sound.#4
20-Sep-94	8:35 AM	110.00	477.23	MEP/JT	Insko Sound.#4
27-Oct-94	11:05 AM	110.03	477.20	BV	Insko Sound.#4
21-Nov-94	2:25 PM	109.82	477.41	BV	Insko Sound.#4
26-Jan-95	10:29 AM	109.32	477.91	BV	Insko Sound.#4
22-Mar-95	10:20 AM	109.50	477.73	JST	Insko Sound.#4
3-Apr-95	10:43 AM	109.28	477.95	BV	Insko Sound.#4
26-Jun-95	11:00 AM	107.58	479.65	BV	Insko Sound.#4
7-Sep-95	10:56 AM	106.82	480.41	BV	Insko Sound.#4
30-Jan-96	5:00 PM	105.70	481.53	BV	Insko Sound.#4
23-Jan-97	7:45 AM	109.25	477.98	GAC	
29-Jul-97	1:00 PM	112.62	474.61	GAC	
16-Jan-98	8:30 AM	112.43	474.80	GAC	
25-Aug-98	12:06 PM	111.94	475.29	WT	
26-Jan-99	11:10 AM	110.78	476.45	JM	
30-Apr-99	9:28 AM	110.69	476.54	BA	
19-Jul-99	4:06 PM	114.39	472.84	BA	
27-Jan-00	3:26 PM	119.50	467.73	BA	
2-Aug-00		123.84	463.39	JM	
29-Nov-00	8:00 AM	126.01	461.22	JM	
Measuring Point Elevation:		587.23			

TABLE C.8
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-8

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
3-Dec-92	7:54 AM	118.92	466.65	MP/JST	Metric Sound.#2
8-Dec-92	9:10 AM	118.10	467.47	IST/MB	Metric Sound.#2
30-Dec-92	4:22 PM	118.52	467.05	MP	Insko Sound.
28-Jan-93	8:49 AM	118.77	466.80	JW	Insko Sound.
19-Feb-93	7:47 AM	118.95	466.62	JW	Insko Sound.
17-Mar-93	5:34 PM	119.08	466.49	MB	Insko Sound.
20-Apr-93	5:05 PM	118.85	466.72	MB	Insko Sound.
7-Jun-93	12:52 PM	116.92	468.65	WT	Insko Sound.
28-Jun-93	4:38 PM	116.05	469.52	MP/JW	Insko Sound.
30-Jul-93	9:31 AM	115.16	470.41	JW	Insko Sound.#4
2-Sep-93	12:20 PM	114.21	471.36	WT	Insko Sound.#4
30-Sep-93	4:56 PM	115.00	470.57	MP/PO	Insko Sound.#4
4-Nov-93	8:57 AM	115.06	470.51	JW	Insko Sound.#4
6-Dec-93	2:45 PM	114.46	471.11	WT	Insko Sound.#4
29-Dec-93	7:30 AM	114.47	471.10	BV	Insko Sound.#4
1-Feb-94	11:54 AM	112.53	473.04	BV	Insko Sound.#4
25-Feb-94	11:55 AM	111.00	474.57	BV	Insko Sound.#4
31-Mar-94	1:50 PM	110.38	475.19	BV	Insko Sound.#4
4-May-94	11:05 AM	111.58	473.99	BV	Insko Sound.#4
31-May-94	3:30 PM	109.39	476.18	TS	Insko Sound.#4
12-Jul-94	2:14 PM	110.23	475.34	TS	Insko Sound.#4
12-Aug-94	11:00 AM	108.41	477.16	TS	Insko Sound.#4
20-Sep-94	10:30 AM	109.01	476.56	MEP/JT	Insko Sound.#4
27-Oct-94	10:58 AM	109.05	476.52	BV	Insko Sound.#4
21-Nov-94	2:20 PM	108.83	476.74	BV	Insko Sound.#4
26-Jan-95	1:58 PM	108.20	477.37	BV	Insko Sound.#4
22-Mar-95	11:10 AM	108.40	477.17	IST	Insko Sound.#4
3-Apr-95	10:38 AM	108.32	477.25	BV	Insko Sound.#4
26-Jun-95	4:00 PM	106.37	479.20	BV	Insko Sound.#4
7-Sep-95	10:52 AM	105.71	479.86	BV	Insko Sound.#4
30-Jan-96	4:04 PM	104.56	481.01	BV	Insko Sound.#4
23-Jan-97	9:55 AM	107.96	477.61	GAC	
29-Jul-97	4:00 PM	111.05	474.52	GAC	
16-Jan-98	10:05 AM	110.70	474.87	GAC	
25-Aug-98	12:01 PM	110.64	474.93	WT	
26-Jan-99	2:10 PM	109.10	476.47	JM	
30-Apr-99	9:24 AM	108.87	476.70	BA	
19-Jul-99	4:01 PM	112.68	472.89	BA	
27-Jan-00	3:24 PM	117.35	468.22	BA	
2-Aug-00		122.67	462.90	JM	
29-Nov-00	10:00 AM	123.48	462.09	JM	
Measuring Point Elevation:		585.57			

TABLE C.9
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-9

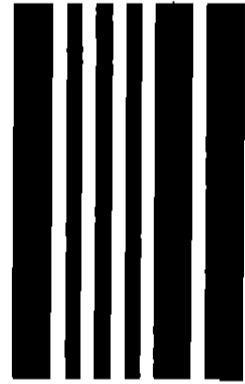
<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
8-Dec-92	9:00 AM	117.11	466.89	IST/MB	Metric Sound.#2
30-Dec-92	4:34 PM	111.01	472.99	MP	Inscosound., possible poor measurement
28-Jan-93	7:56 AM	117.42	466.58	JW	Inscosound.
19-Feb-93	7:08 AM	117.45	466.55	JW	Inscosound.
18-Mar-93	10:56 AM	117.70	466.30	MB	Inscosound.
20-Apr-93	4:47 PM	117.51	466.49	MB	Inscosound.
7-Jun-93	12:25 PM	115.51	468.49	WT	Inscosound.
29-Jun-93	8:46 AM	114.72	469.28	MP/JW	Inscosound.
30-Jul-93	9:15 AM	113.74	470.26	JW	Inscosound.#4
2-Sep-93	11:30 AM	111.63	472.37	WT	Inscosound.#4, possible poor measurement.
1-Oct-93	9:51 AM	110.88	473.12	MP/PO	Inscosound.#4, possible poor measurement
4-Nov-93	9:34 AM	113.65	470.35	JW	Inscosound.#4
8-Dec-93	3:25 PM	113.47	470.53	WT	Inscosound.#4
30-Dec-93	1:10 PM	112.96	471.04	BV	Inscosound.#4
1-Feb-94	12:14 PM	110.99	473.01	BV	Inscosound.#4
25-Feb-94	12:30 PM	109.36	474.64	BV	Inscosound.#4
13-Apr-94	12:15 PM	110.35	473.65	BV	Inscosound.#4
4-May-94	11:30 AM	110.07	473.93	BV	Inscosound.#4
31-May-94	4:10 PM	107.72	476.28	TS	Inscosound.#4
13-Jul-94	6:09 AM	108.61	475.39	MEP	Inscosound.#4
12-Aug-94	11:35 AM	106.75	477.25	TS	Inscosound.#4
21-Sep-94	8:15 AM	107.39	476.61	MEP/JT	Inscosound.#4
27-Oct-94	10:48 AM	107.39	476.61	BV	Inscosound.#4
21-Nov-94	2:05 PM	107.25	476.75	BV	Inscosound.#4
27-Jan-95	2:50 PM	106.62	477.38	BV	Inscosound.#4
22-Mar-95	5:02 PM	106.70	477.30	JST	Inscosound.#4
3-Apr-95	10:54 AM	106.80	477.20	BV	Inscosound.#4
23-Jun-95	2:00 PM	105.10	478.90	VM	Inscosound.#4
7-Sep-95	11:09 AM	104.50	479.50	BV	Inscosound.#4
31-Jan-96	1:43 PM	102.73	481.27	BV	Inscosound.#4
21-Jan-97	1:12 PM	106.38	477.62	GAC	
31-Jul-97	4:00 PM	109.14	474.86	GAC	
19-Jan-98	11:29 AM	109.11	474.89	GAC	
25-Aug-98	11:38 AM	109.01	474.99	WT	
29-Jan-99	7:56 AM	107.64	476.36	JM	
9-Feb-99	3:00 PM	107.03	476.97	BA	
30-Apr-99	9:33 AM	108.06	475.94	BA	
19-Jul-99	4:16 PM	111.02	472.98	BA	
28-Jan-00	4:46 PM	115.65	468.35	BA	
2-Aug-00		121.25	462.75	JM	
30-Nov-00	8:00 AM	121.72	462.28	JM	
Measuring Point Elevation:		584.00			

TABLE C.10
GROUNDWATER LEVEL MEASUREMENTS, WELL MW-10

<i>Date</i>	<i>Time</i>	<i>Depth (Ft BMP)</i>	<i>Elevation (Ft AMSL)</i>	<i>Measured by</i>	<i>Method, Comments</i>
10-Dec-92	11:25 AM	116.54	467.68	JST/MB	Metric Sound.#2
30-Dec-92	4:16 PM	117.25	466.97	MP	Insko Sound.
28-Jan-93	8:44 AM	117.42	466.80	JW	Insko Sound.
19-Feb-93	7:42 AM	117.43	466.79	JW	Insko Sound.
17-Mar-93	2:07 PM	117.67	466.55	MB	Insko Sound.
20-Apr-93	4:57 PM	117.76	466.46	MB	Insko Sound.
7-Jun-93	12:43 PM	115.64	468.58	WT	Insko Sound.
29-Jun-93	6:26 AM	114.93	469.29	MP/JW	Insko Sound.
30-Jul-93	9:35 AM	114.14	470.08	JW	Insko Sound.#4
2-Sep-93	12:15 PM	113.02	471.20	WT	Insko Sound.#4
1-Oct-93	6:26 AM	113.82	470.40	MP/PO	Insko Sound.#4
4-Nov-93	9:01 AM	114.15	470.07	JW	Insko Sound.#4
6-Dec-93	2:40 PM	113.38	470.84	WT	Insko Sound.#4
29-Dec-93	3:40 PM	113.34	470.88	BV	Insko Sound.#4
1-Feb-94	11:45 AM	111.48	472.74	BV	Insko Sound.#4
25-Feb-94	11:45 AM	109.95	474.27	BV	Insko Sound.#4
12-Apr-94	11:00 AM	111.03	473.19	BV	Insko Sound.#4
4-May-94	11:00 AM	110.76	473.46	BV	Insko Sound.#4
31-May-94	3:55 PM	108.76	475.46	TS	Insko Sound.#4
12-Jul-94	4:50 PM	109.45	474.77	MEP	Insko Sound.#4
12-Aug-94	11:05 AM	107.53	476.69	TS	Insko Sound.#4
20-Sep-94	1:15 PM	108.15	476.07	MEP/JT	Insko Sound.#4
27-Oct-94	10:55 AM	108.17	476.05	BV	Insko Sound.#4
21-Nov-94	2:15 PM	107.99	476.23	BV	Insko Sound.#4
26-Jan-95	4:15 PM	107.37	476.85	BV	Insko Sound.#4
22-Mar-95	12:54 PM	107.50	476.72	JST	Insko Sound.#4
3-Apr-95	10:30 AM	107.47	476.75	BV	Insko Sound.#4
27-Jun-95	1:00 PM	105.55	478.67	BV	Insko Sound.#4
7-Sep-95	10:48 AM	104.83	479.39	BV	Insko Sound.#4
31-Jan-96	7:44 AM	103.48	480.74	BV	Insko Sound.#4
23-Jan-97	11:48 AM	106.93	477.29	GAC	
30-Jul-97	8:00 AM	109.80	474.42	GAC	
16-Jan-98	12:46 PM	109.58	474.64	GAC	
25-Aug-98	11:54 AM	109.70	474.52	WT	
28-Jan-99	8:07 AM	108.13	476.09	JM	
30-Apr-99	9:20 AM	107.79	476.43	BA	
19-Jul-99	3:53 PM	111.21	473.01	BA	
27-Jan-00	7:20 PM	115.96	468.26	BA	
2-Aug-00		121.12	463.10	JM	
29-Nov-00	12:00 PM	122.45	461.77	JM	
Measuring Point Elevation:		584.22			

APPENDIX D

GROUNDWATER SAMPLING FORMS - NOVEMBER 2000



TARGET CARD NO.7

**CHANGE TO DUPLEX MODE,
FROM NEXT DOCUMENT**

CAUTION

1. Do not photocopy this Target Card.
2. Replace this card when it gets dirty.



HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Well No: MW-1
 Project Name/Number: ZERO - 46505 Date: 11/30/00
 Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 TD of Well/Packer-Depth ("a", ft): 148.7 Depth to Water ("b", ft): 122.08
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 7.3 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:00 Time Completed: 14:00 Total Purge Time: 3:00
 Purge Method: Pump Pump Setting: 137 Total Purge Volume: 220

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
11:15	1.5	72.2	3.68	6.70	209	CLOUDY
11:30	"	72.4	3.77	7.14	123	"
11:45	" 1.0	72.6	3.61	6.88	63.4	CLEAR
12:45	" .5	74.1	3.53	6.90	126.	CLOUDY
1:15	"	75.4	3.57	6.87	48.1	CLEAR
2:00	"	75.5	3.60	7.08	18.6	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 14:05 Time Completed: 14:05
 Sampling Method, Type of Sampling Pump or Bailer: bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-4	14:05	Wca	40	3	524.2	yes	
MW-9	MISC number		1000	1	5270	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505

Well No: MW-2

Date: 11/30/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
Well/Packer Depth ("a", ft): 157.72 Depth to Water ("b", ft): 118.22
Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 133 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:30 Time Completed: 16:20 Total Purge Time: 1:50
Purge Method: downsilk pump Pump Setting: 133 Total Purge Volume: 110

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
2:45	1.5	73.5	0.79	7.42	100.1	CLOUDY
3:00	1.5	72.5	0.84	7.59	91.4	"
3:30	1.5	72.6	0.97	7.49	56.0	CLEAR
3:45	1.5	72.1	0.75	7.02	31.2	
4:15	1.5	70.2	0.75	7.48	18.0	clear

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 16:40 Time Completed: 16:40
Sampling Method, Type of Sampling Pump or Bailer: bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-2	16:40	VOA	40	3	824-2	yes	
MW-2	16:40	amber	1000	1	8270	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505

Well No: MW-3

Date: 12/1/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: --- To: ---
 Well/Packer Depth ("a", ft): 156.05 Depth to Water ("b", ft): 114.12
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 27.4 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 8:15 Time Completed: 10:15 Total Purge Time: 2:00
 Purge Method: Submers. Pump Setting: 129 Total Purge Volume: 110

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm) ^{x1000}	pH	Turbidity (NTUs)	Notes
8:30	1.5	65.1	1.20	6.01	85.3	
8:45	"	67.8	0.82	6.78	90.0	
9:00	0.5	68.3	0.90	6.89	122.0	
9:15	"	71.2	0.92	7.16	106.0	
9:30	"	72.1	0.87	7.26	75.0	
9:45	"	71.9	0.85	7.27	67.5	
10:00	"	70.9	0.81	7.24	69.1	
10:05	"	70.9	0.81	7.21	16.2	
10:15	"	70.8	0.84	7.26	9.8	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:25 Time Completed: 10:30
 Sampling Method, Type of Sampling Pump or Bailor: Bailor

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-3	10:25	amber	6000	1	8270	no	
MW-3	10:25	amber	40	3	524.2	yes	
MW-13	10:30	amber	1000	1	8270	no	3 duplicates
MW-13	10:30	amber	40	3	524.2	yes	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time
	Duplicates		

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505

Well No: MW-4

Date: 11/28/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 TO of Well/Baker Depth ("a", ft): 150.25 Depth to Water ("b", ft): 122.35
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 18.2 Gallons TD = 150.25

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:40 Time Completed: 13:00 Total Purge Time: 2:20
 Purge Method: _____ Pump Setting: 135 Total Purge Volume: 105

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
10:45	1.3 gpm	73.0	740	7.27	205	
12:00	"	72.8	3.16	7.28	78.5	SLIGHT CLOUDY
12:15		73.0	3.10	7.90	52.9	CLEAR
12:30		73.1	3.19	7.95	62.2	"
11:37	1.0	73.3	3.19	7.92	45.0	"
12:00		73.5	3.16	7.93	39.6	"
12:15		75.3	3.20	7.93	29.5	
12:45		75.5	3.24	7.95	19.1	
13:00					16.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: ~~10:45~~ ~~13:05~~ 14:45 Time Completed: ~~13:05~~ 14:45
 Sampling Method, Type of Sampling Pump or Bailer: Bailer

Sample No	Time	Container Type	Volume mls	No of Containers	Analysis Method	Preservative	Notes
MW-4	13:05	VOA's	40	3	824.2	yes	
MW-4	13:05	amber	1000	1	8270m	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505 Well No: MW-5

Date: 11/28/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 T O Well/Packer Depth ("a", ft): 154.5 Depth to Water ("b", ft): 121.73
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 21.4 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:05 Time Completed: 16:15 Total Purge Time: 2:10
 Purge Method: Submersible pump Pump Setting: 135 Total Purge Volume: 165 gallons

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
2:30	1.5 Gpm	75.0	3.31	6.09	72.0	CLOUDY
2:45	"	71.4	3.28	7.93	45.9	CLEAR
3:15	"	71.5	3.07	7.96	33.1	"
3:45	"	71.3	3.03	7.93	19.2	"
4:15	"	71.0	3.04	7.83	10.61	"

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 16:15 Time Completed: 16:17
 Sampling Method, Type of Sampling Pump or Bailor: Bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-5	16:16	VOA	40	3	524.2	yes	
MW-5	16:16	amber	1000	1	8270M	no	
MW-15	16:17	VOA	40	3	524.2	yes	Duplicate Duplicate
MW-15	16:17	amber	1000	1	8270M	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505 Well No: MW-7
 Date: 11/29/00
 Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: - To: -
 TD of Well/Packer Depth ("a", ft): 155.83 Depth to Water ("b", ft): 126.01
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 19.5 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 8:00 Time Completed: 9:20 Total Purge Time: 1:20
 Purge Method: submer Pump Setting: 138 Total Purge Volume: 120

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity ^{x 1000} (µmhos/cm)	pH	Turbidity (NTUs)	Notes
8:15	1.5 GPM	68.1	1.27	7.32	787	LT BRN
8:30	"	69.5	1.37	7.57	76.8	SIGHT CLEAR
9:00	"	67.6	1.30	8.00	20.7	" "
9:15	1.5	70.2	0.88	8.03	9.86	clear

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 9:31 Time Completed: 9:31
 Sampling Method, Type of Sampling Pump or Bailer: bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-7	9:31	UDA	40	3	524.2	NO	
MW-7	9:31	amber	1000	1	8770	NO	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Well No: MW-8

Project Name/Number: ZERO - 46505

Date: 11/22/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 TD of Well/Packer Depth ("a", ft): 154.70 Depth to Water ("b", ft): 123.48
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 20.38 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:00 Time Completed: 11:20 Total Purge Time: 1:20
 Purge Method: Submer Pump Setting: 138 Total Purge Volume: 115

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
10:15	1.5	70.5	1.5	5.08	107.8	Slightly cloudy
10:30	"	70.1	1.61	6.70	76.8	clear
10:45	"	70.6	1.48	7.27	27.4	clear
11:00	"	70.5	1.04	7.92	16.4	
11:15	"	68.9	1.01	8.11	8.85	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:35 Time Completed: 11:35
 Sampling Method, Type of Sampling Pump or Bailer: bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-8	11:35	wa	40	3	524.2	ZPS	
MW-8	11:35	amber	1000	1	8270	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Well No: MW-9

Project Name/Number: ZERO - 46505

Date: 11/30/00

Recorder/Sampler: [Signature]

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 TD of Well/Packer Depth ("a", ft): 152.70 Depth to Water ("b", ft): 121.72
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 20.2 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 8:00 Time Completed: 10:15 Total Purge Time: 2:15
 Purge Method: Pump Pump Setting: 137 Total Purge Volume: 20.2

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
8:15	1.5 GPM	68.5	3.01	6.35	57.4	SLIGHTLY CLOUDY
8:30	"	69.7	2.11	7.41	66.7	"
8:45	"	70.6	2.16	9.41	32.6	CLEAR
9:30	"	69.4	2.12	7.15	31.9	"
9:45	1.0 GPM	70.4	1.80	6.29	42.0	"
10:00		71.1	1.73	6.32	26.0	"
10:15		71.4	1.76	6.37	9.8	"

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:18 Time Completed: 10:18
 Sampling Method, Type of Sampling Pump or Bailer: bomber

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-9	10:18	HOA	40	3	524.7	yes	
MW-9	10:18	umbles	1000	1	9270	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time

HYDRO GEO CHEM, INC.

Groundwater Sampling Form

Project Name/Number: ZERO - 46505 Well No: MW-10
 Date: 11/29/00
 Recorder/Sampler: JZ

WELL INFORMATION

Casing Diameter ("d", in.): 4 Screened Interval (ft) From: _____ To: _____
 Well/Packer Depth ("a", ft): 155.80 Depth to Water ("b", ft): 122.45
 Wetted Casing Volume: $(a - b) \cdot d^2 \cdot 0.0408 =$ 195.21.8 Gallons

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 12:00 Time Completed: 15:15 Total Purge Time: 3:15
 Purge Method: submer Pump Setting: 137 Total Purge Volume: 180

Actual or Elapsed Time (Min)	Extraction Rate/Vol	Temp (°C/°F)	Conductivity (µmhos/cm)	pH	Turbidity (NTUs)	Notes
12:15	1.5 Gpm	70.6	1.65	7.94	286	LT BRN
12:30	"	71.0	2.33	7.06	1001	BRN
1:00	"	71.4	1.53	6.63	163	CLOUDY
1:15	1.0 Gpm	71.3	1.85	7.02	159	"
1:30	"	72.1	1.55	6.78	110	CLEAR
1:45	0.5 Gpm	71.6	1.99	7.04	53.5	"
2:15	"	73.4	1.67	6.96	46.4	"
3:15	"	73.3	1.69	6.97	15.8	"

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:30 Time Completed: 15:35
 Sampling Method, Type of Sampling Pump or Bailer: Bailer

Sample No	Time	Container Type	Volume	No of Containers	Analysis Method	Preservative	Notes
MW-10	15:30	VOA	40	3	924.2	yes	
MW-10	15:30	amber	1000	1	9276	no	
MW-110	15:35	VOA	40	3	924.2	yes	2 duplicates
MW-110	15:35	amber	1000	1	9270	no	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time
	Duplicates		

APPENDIX E
CHEMICAL ANALYSIS REPORTS FOR GROUNDWATER SAMPLING -
NOVEMBER 2000



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-004 Sample ID: MW-1 Matrix: Water
Sampled By: John M. Date: 11/30/00 Time: 14:05

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	0.55		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	3.2		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	8.0		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	1800		ug/L	100	50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3

Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-004
Sampled By: John M.Sample ID: MW-1
Date: 11/30/00 Time: 14:05

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	1.7		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	11		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoforn	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227

Lab#: A008446

Page 2 of 3



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: tn

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-005
Sampled By: John M.

Sample ID: MW-2
Date: 11/30/00

Time: 16:40

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethane	1.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	1.7		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethane (TCE)	470		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-005 Sample ID: MW-2 Matrix: Water
Sampled By: John M. Date: 11/30/00 Time: 16:40

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	4.3		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: In
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-006 Sample ID: MW-3 Matrix: Water
Sampled By: John M. Date: 12/1/00 Time: 10:30

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	2.3		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	15		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	1.6		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	310		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-006
Sampled By: John M.Sample ID: MW-3
Date: 12/1/00

Time: 10:30

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	2.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227



Client: Hydro Geo Chem, Inc.
Project Name: 48500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Operator's name

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: ln

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-007
Sampled By: John M.

Sample ID: MW-13
Date: 12/1/00
Time: 10:35

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	2.1		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	13		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	1.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	280		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3

Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-007
Sampled By: John M.Sample ID: MW-13
Date: 12/1/00

Time: 10:35

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	2.1		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	NO		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
p-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227

Lab#: A008446

Page 2 of 3



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.

Report Date: Thursday, December 21, 2000

Project Name: 46500 Zero

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132

LACSD # 10143

AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:07

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-001 Sample ID: MW-4 Matrix: Ground Water
Sampled By: Client Date: 11/28/00 Time: 14:45

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters and their detection results.

Lab#: A008393



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-001
Sampled By: Client

Sample ID: MW-4
Date: 11/28/00

Time: 14:45
Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tetrachloroethene (PCE)	4.0		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
bis(2-Chloroethyl) Ether	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/1/00 rt	WS20226
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Client: Hydro Geo Chem, Inc.

Report Date: Tuesday, December 26, 2000

Project Name: Zero

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
 All results are expressed on wet weight basis unless specified.
 RL = Reporting Limit.
 ND = Not detected, below the reporting limit.
 Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000

Received Date: Wednesday, November 29, 2000

Log By: mr

Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-004

Sample ID: MW-5

Matrix: Ground Water

Sampled By: Client

Date: 11/28/00

Time: 16:16

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0 EPA	524.2	12/1/00 rt	WS20226
Chloromethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Vinyl chloride	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Bromomethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Chloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0 EPA	524.2	12/1/00 rt	WS20226
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10 EPA	524.2	12/1/00 rt	WS20226
1,1-Dichloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
trans-1,2-Dichloroethene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Methyl tert-Butyl Ether	ND		ug/L	1	1.0 EPA	524.2	12/1/00 rt	WS20226
1,1-Dichloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0 EPA	524.2	12/1/00 rt	WS20226
2,2-Dichloropropane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
cis-1,2-Dichloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Bromochloromethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Chloroform	1.4		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
1,1,1-Trichloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Carbon tetrachloride	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
1,1-Dichloropropene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Benzene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
1,2-Dichloroethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Trichloroethene (TCE)	4.8		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
1,2-Dichloropropane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Dibromomethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
Bromodichloromethane	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
cis-1,3-Dichloropropene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0 EPA	524.2	12/1/00 rt	WS20226
2-Chloroethylvinyl ether	ND		ug/L	1	1.0 EPA	524.2	12/1/00 rt	WS20226
Toluene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226
trans-1,3-Dichloropropene	ND		ug/L	1	0.50 EPA	524.2	12/1/00 rt	WS20226

Lab#: A008393

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-004
Sampled By: Client

Sample ID: MW-5

Date: 11/28/00

Time: 18:16

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tetrachloroethene (PCE)	0.71		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromoforn	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/1/00 rt	WS20226
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.

Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
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- H = Estimated value, result over the calibration range.
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
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Notes:

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- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-005 Sample ID: MW-15 Matrix: Ground Water
Sampled By: Client Date: 11/28/00 Time: 16:17

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters and their detection results.



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-005
Sampled By: Client

Sample ID: MW-15
Date: 11/28/00

Time: 16:17

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tetrachloroethene (PCE)	0.68		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/1/00 rt	WS20226
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Jnt: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

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- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
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- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

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- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-006 Sample ID: MW-7 Matrix: Ground Water
Sampled By: Client Date: 11/29/00 Time: 9:31

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20227
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloroethene	0.96		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chloroform	1.1		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Trichloroethene (TCE)	6.3		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226

Lab#: A008393



Client: Hydro Geo Chem, Inc.

Report Date: Tuesday, December 26, 2000

Project Name: Zero

CERTIFICATE OF ANALYSIS

Lab#: A008393-006

Sample ID: MW-7

Matrix: Ground Water

Sampled By: Client

Date: 11/29/00

Time: 9:31

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tetrachloroethene (PCE)	4.4		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromoforn	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
p-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/1/00 rt	WS20226
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

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- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

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- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: Tuesday, December 26, 2000

Received Date: Wednesday, November 29, 2000

Log By: mr

Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-009

Sample ID: MW-8

Matrix: Ground Water

Sampled By: Client

Date: 11/29/00

Time: 11:35

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Fluoromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
trans-1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chloroform	1.0		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Trichloroethene (TCE)	61		ug/L	10	5.0	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Methyl-2-pentanone (MiBK)	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226

Lab#: A008393

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-009
Sampled By: Client

Sample ID: MW-8
Date: 11/29/00

Matrix: Ground Water

Time: 11:35

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tetrachloroethane (PCE)	2.5		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/1/00 rt	WS20226
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/1/00 rt	WS20226
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/1/00 rt	WS20226
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/1/00 rt	WS20226
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/1/00 rt	WS20226
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS



Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range.
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: tn

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85706

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-003
Sampled By: John M.

Sample ID: MW-9
Date: 11/30/00
Time: 10:18

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	1.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	97		ug/L	10	5.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-003
Sampled By: John M.

Sample ID: MW-9
Date: 11/30/00
Time: 10:18

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	2.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C					0.5	EPA 524.2	12/14/00 rt	WS20484
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0528

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:52

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705
Attn.: John Ward

Phone: (520) 293-1500
FAX: (520) 293-1550 ✓

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-001 Sample ID: MW-10 Matrix: Water
Sampled By: John M. Date: 11/29/00 Time: 15:30

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	0.82		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	2.8		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	490		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MiBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-001
Sampled By: John M.

Sample ID: MW-10
Date: 11/29/00 Time: 15:30

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	6.4		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: ln

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-002
Sampled By: John M.

Sample ID: MW-110
Date: 11/29/00

Time: 15:35

Matrix: Water

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical compounds and their analysis results.

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-002 Sample ID: MW-110 Matrix: Water
Sampled By: John M. Date: 11/29/00 Time: 15:35

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	7.1		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.

Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
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- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.

Lab#: A008446

Page 3 of 3

14859 East Clark Avenue, City of Industry, California 91745-1396
www.wecklabs.com

(626) 336-2139

FAX (626) 336-2634



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-008 Sample ID: RW-3 Matrix: Water
Sampled By: John M. Date: 11/30/00 Time: 11:25

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters and their detection results.



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-008
Sampled By: John M.

Sample ID: RW-3
Date: 11/30/00 Time: 11:25

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	0.70		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	10		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromoform	3.0		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484



Jnt: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]

Authorized Signature

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

ELAP # 1132
LACSD # 10143
AZ0526

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
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- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: tn

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-009

Sample ID: WW-3

Matrix: Water

Sampled By: John M.

Date: 11/30/00

Time: 11:25

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	20	200	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chloroform	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Trichloroethane (TCE)	72		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-009
Sampled By: John M.

Sample ID: WW-3
Date: 11/30/00

Time: 11:25

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethane (PCE)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
o-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
m-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	20	60	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	20	60	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: tn

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-010

Sample ID: RW-4

Matrix: Water

Sampled By: John M.

Date: 12/1/00

Time: 10:50

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	6.3		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	42		ug/L	5	2.5	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	10		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-010
Sampled By: John M.

Sample ID: RW-4
Date: 12/1/00

Time: 10:50

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	0.66		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	9.9		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromofom	2.8		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484



Client: Hydro Geo Chem. Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-011
Sampled By: John M.

Sample ID: WW-4
Date: 12/1/00
Time: 10:50

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	20	200	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chloroform	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	60		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MiBK)	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Client: Hydra Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-011
Sampled By: John M.Sample ID: WW-4
Date: 12/1/00

Time: 10:50

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromoform	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
o-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
p-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
m,3,5-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	20	100	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	20	20	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	20	60	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	20	60	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 2 of 3



Client: Hydro Geo Chem, Inc.

Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705
Attn.: John Ward

Phone: (520) 293-1500
FAX: (520) 293-1550

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-012 Sample ID: B-2 Matrix: Water
Sampled By: John M. Date: 11/29/00 Time: 18:00

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-012
Sampled By: John M.

Sample ID: B-2
Date: 11/29/00
Time: 18:00

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromofom	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	3.0	EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C	ND		ug/L	1	0.5	EPA 524.2	12/14/00 rt	WS20484
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/7/00 bn	WS20227

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

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- R = Result is suspect, LCS recovery greater than the upper control limit.
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Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: Thursday, December 21, 2000
Received Date: Friday, December 01, 2000
Log By: tn
Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-013
Sampled By: John M.

Sample ID: B-3
Date: 11/30/00
Time: 18:05

Matrix: Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Chloroform	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Trichloroethene (TCE)	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
Bromodichloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/14/00 rt	WS20484
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/14/00 rt	WS20484
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00 rt	WS20484

Lab#: A008446

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-013 Sample ID: B-3 Matrix: Water
Sampled By: John M. Date: 11/30/00 Time: 18:05

Parameter	Result	Flag	Units	Dilution Factor	RL Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Tetrachloroethene (PCE)	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Dibromochloromethane	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Chlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Ethyl benzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
m/p-Xylenes	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
o-Xylene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Styrene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Bromoforn	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Isopropylbenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Bromobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
n-Propyl benzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
o-Chlorotoluene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
p-Chlorotoluene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
tert-Butyl benzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0 EPA 524.2	12/14/00 rt	WS20484
sec-Butylbenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
4-isopropyltoluena	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
n-Butylbenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0 EPA 524.2	12/14/00 rt	WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Naphthalene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50 EPA 524.2	12/14/00 rt	WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0 EPA 524.2	12/14/00 rt	WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0 EPA 524.2	12/14/00 rt	WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5 EPA 524.2	12/14/00 rt	WS20484
Prep. Method: EPA 3510C							
1,4-Dioxane	ND		ug/L	1	2.0 EPA 8270M	12/7/00 bn	WS20227



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

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- RL = Reporting Limit.
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- Sub = Subcontracted analysis, original report enclosed.



Report Date: Thursday, December 21, 2000

Received Date: Friday, December 01, 2000

Log By: tn

Log Time: 13:54

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: 46500 Zero

P.O. #:

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008446-014
Sampled By: John M.

Sample ID: TB-2 / Trip Blank
Date: 12/1/00 Time: 12:00

Matrix: Water

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters and their analysis results.

Lab#: A008446



Client: Hydro Geo Chem, Inc.

Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008446-014

Sample ID: TB-2 / Trip Blank

Matrix: Water

Sampled By: John M.

Date: 12/1/00

Time: 12:00

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Tetrachloroethene (PCE)	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/14/00	rt WS20484
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/14/00	rt WS20484
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/14/00	rt WS20484
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00	rt WS20484
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/14/00	rt WS20484
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/14/00	rt WS20484

Lab#: A008446



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

Report Date: Thursday, December 21, 2000

CERTIFICATE OF ANALYSIS

[Handwritten Signature]
Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 10 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

QC Report Date: Thursday, December 21, 2000
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A008429-008MS	8270_dio_ms	1,4-Dioxane	ND	8.58	ug/L	10	71.7		70	130
A008429-008MSD	8270_dio_msd	1,4-Dioxane	ND	8.45	ug/L	10	70.4	2	70	130
LCS	8270dio_lcs	1,4-Dioxane		9.16	ug/L	10	81.6		88	134
Method Blank	8270dio_bl	1,4-Dioxane		ND	ug/L					

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS20227	A008429-001	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008429-003	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008429-004	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008429-005	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008429-006	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008429-008	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-001	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-002	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-003	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-004	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-005	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-006	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-007	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-012	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00
WS20227	A008446-013	1,4-Dioxane by GC/MS Isotopic dilution	12/7/00

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
BL = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

QC Report Date: Thursday, December 21, 2000
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
A008446-001SURR	524.2_surr	1,2-Dichloroethane-d4		1.93	ug/L	2	96.5		70	130
A008446-001SURR	524.2_surr	4-Bromofluorobenzene		2.00	ug/L	2	100		66	127
A008446-002SURR	524.2_surr	1,2-Dichloroethane-d4		2.09	ug/L	2	104.5		70	130
A008446-002SURR	524.2_surr	4-Bromofluorobenzene		2.14	ug/L	2	107		66	127
A008446-003SURR	524.2_surr	1,2-Dichloroethane-d4		2.18	ug/L	2	109.5		70	130
A008446-003SURR	524.2_surr	4-Bromofluorobenzene		2.20	ug/L	2	110		66	127
A008446-004SURR	524.2_surr	1,2-Dichloroethane-d4		2.08	ug/L	2	104.5		70	130
A008446-004SURR	524.2_surr	4-Bromofluorobenzene		2.15	ug/L	2	107.5		66	127
A008446-005SURR	524.2_surr	1,2-Dichloroethane-d4		2.05	ug/L	2	102.5		70	130
A008446-005SURR	524.2_surr	4-Bromofluorobenzene		2.11	ug/L	2	105.5		66	127
A008446-006SURR	524.2_surr	1,2-Dichloroethane-d4		1.91	ug/L	2	95.5		70	130
A008446-006SURR	524.2_surr	4-Bromofluorobenzene		2.03	ug/L	2	101.5		66	127
A008446-007SURR	524.2_surr	1,2-Dichloroethane-d4		2.01	ug/L	2	100.5		70	130
A008446-007SURR	524.2_surr	4-Bromofluorobenzene		2.02	ug/L	2	101		66	127
A008446-008SURR	524.2_surr	1,2-Dichloroethane-d4		2.06	ug/L	2	104		70	130
A008446-008SURR	524.2_surr	4-Bromofluorobenzene		2.11	ug/L	2	105.5		66	127
A008446-009SURR	524.2_surr	1,2-Dichloroethane-d4		2.09	ug/L	2	104.5		70	130
A008446-009SURR	524.2_surr	4-Bromofluorobenzene		2.17	ug/L	2	108.5		66	127
A008446-010SURR	524.2_surr	1,2-Dichloroethane-d4		2.13	ug/L	2	106.5		70	130
A008446-010SURR	524.2_surr	4-Bromofluorobenzene		2.15	ug/L	2	107.5		66	127
A008446-011SURR	524.2_surr	1,2-Dichloroethane-d4		2.17	ug/L	2	108.5		70	130
A008446-011SURR	524.2_surr	4-Bromofluorobenzene		2.18	ug/L	2	109		66	127
A008446-012SURR	524.2_surr	1,2-Dichloroethane-d4		1.85	ug/L	2	92.5		70	130
A008446-012SURR	524.2_surr	4-Bromofluorobenzene		1.92	ug/L	2	96		66	127
A008446-013SURR	524.2_surr	1,2-Dichloroethane-d4		2.07	ug/L	2	103.5		70	130
A008446-013SURR	524.2_surr	4-Bromofluorobenzene		2.08	ug/L	2	104		66	127
A008446-014SURR	524.2_surr	1,2-Dichloroethane-d4		2.08	ug/L	2	104		70	130
A008446-014SURR	524.2_surr	4-Bromofluorobenzene		2.09	ug/L	2	104.5		66	127
LCS	524.2_lcs	1,1,1,2-Tetrachloroethane		7.79	ug/L	8	97.4		70	130
LCS	524.2_lcs	1,1,1-Trichloroethane		7.81	ug/L	8	97.6		70	130
LCS	524.2_lcs	1,1,2,2-Tetrachloroethane		7.74	ug/L	8	96.8		70	130
LCS	524.2_lcs	1,1,2-Trichloroethane		7.90	ug/L	8	98.8		70	130
LCS	524.2_lcs	1,1-Dichloroethane		7.78	ug/L	8	97.3		70	130
LCS	524.2_lcs	1,1-Dichloroethene		7.64	ug/L	8	95.5		70	130
LCS	524.2_lcs	1,1-Dichloropropene		7.99	ug/L	8	99.9		70	130
LCS	524.2_lcs	1,2,3-Trichlorobenzene		7.98	ug/L	8	99.8		70	130
LCS	524.2_lcs	1,2,3-Trichloropropane		7.60	ug/L	8	95		70	130

Note:

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Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

QC Report Date: Thursday, December 21, 2000
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	524.2_ics	1,2,4-Trichlorobenzene		7.75	ug/L	8	96.9		70	130
LCS	524.2_ics	1,2,4-Trimethylbenzene		8.01	ug/L	8	100.1		70	130
LCS	524.2_ics	1,2-Dibromo-3-chloropropane (DBCP)		7.44	ug/L	8	93		70	130
LCS	524.2_ics	1,2-Dibromoethane (EDB)		8.10	ug/L	8	101.3		70	130
LCS	524.2_ics	1,2-Dichlorobenzene		7.73	ug/L	8	96.6		70	130
LCS	524.2_ics	1,2-Dichloroethane		7.67	ug/L	8	95.9		70	130
LCS	524.2_ics	1,2-Dichloropropane		7.78	ug/L	8	97.3		70	130
LCS	524.2_ics	1,3,5-Trimethylbenzene		7.97	ug/L	8	99.6		70	130
LCS	524.2_ics	1,3-Dichlorobenzene		7.85	ug/L	8	98.1		70	130
LCS	524.2_ics	1,3-Dichloropropane		7.88	ug/L	8	98.5		70	130
LCS	524.2_ics	1,4-Dichlorobenzene		7.75	ug/L	8	96.9		70	130
LCS	524.2_ics	2,2-Dichloropropane		6.73	ug/L	8	84.1		70	130
LCS	524.2_ics	2-chlorotoluene		7.93	ug/L	8	97.9		70	130
LCS	524.2_ics	4-Chlorotoluene		7.80	ug/L	8	97.5		70	130
LCS	524.2_ics	4-Isopropyltoluene		8.11	ug/L	8	101.4		70	130
LCS	524.2_ics	Benzene		7.81	ug/L	8	97.8		70	130
LCS	524.2_ics	Bromobenzene		7.71	ug/L	8	96.4		70	130
LCS	524.2_ics	Bromochloromethane		7.88	ug/L	8	98.5		70	130
LCS	524.2_ics	Bromodichloromethane		7.92	ug/L	8	99		70	130
LCS	524.2_ics	Bromoform		7.66	ug/L	8	95.8		70	130
LCS	524.2_ics	Bromomethane		8.06	ug/L	8	100.8		70	130
LCS	524.2_ics	Carbon Tetrachloride		7.92	ug/L	8	99		70	130
LCS	524.2_ics	Chlorobenzene		7.78	ug/L	8	97.3		70	130
LCS	524.2_ics	Chloroethane		7.62	ug/L	8	95.3		70	130
LCS	524.2_ics	Chloroform		7.53	ug/L	8	94.1		70	130
LCS	524.2_ics	Chloromethane		7.36	ug/L	8	92		70	130
LCS	524.2_ics	cis-1,2-Dichloroethane		7.82	ug/L	8	97.8		70	130
LCS	524.2_ics	cis-1,3-Dichloropropene		7.52	ug/L	8	94		70	130
LCS	524.2_ics	Dibromochloromethane		7.87	ug/L	8	98.4		70	130
LCS	524.2_ics	Dibromomethane		7.89	ug/L	8	98.6		70	130
LCS	524.2_ics	Dichlorodifluoromethane		7.37	ug/L	8	92.1		70	130
LCS	524.2_ics	Ethyl benzene		7.96	ug/L	8	99.5		70	130
LCS	524.2_ics	Hexachlorobutadiene		8.06	ug/L	8	100.8		70	130
LCS	524.2_ics	Isopropylbenzene		8.03	ug/L	8	100.4		70	130
LCS	524.2_ics	m/p-Xylenes		15.8	ug/L	16	98.6		70	130
LCS	524.2_ics	Methylene chloride (Dichloromethane)		7.98	ug/L	8	99.8		70	130
LCS	524.2_ics	n-Butyl benzene		8.04	ug/L	8	100.5		70	130

Note:

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Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

QC Report Date: Thursday, December 21, 2000
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
LCS	524.2_lcs	n-Propyl benzene		8.13	ug/L	8	101.6		70	130
LCS	524.2_lcs	Naphthalene		8.15	ug/L	8	101.9		70	130
LCS	524.2_lcs	o-Xylene		7.91	ug/L	8	98.9		70	130
LCS	524.2_lcs	sec-Butyl benzene		8.13	ug/L	8	101.6		70	130
LCS	524.2_lcs	Styrene		7.90	ug/L	8	98.8		70	130
LCS	524.2_lcs	tert-Butyl benzene		7.99	ug/L	8	99.9		70	130
LCS	524.2_lcs	Tetrachloroethene (PCE)		7.74	ug/L	8	96.8		70	130
LCS	524.2_lcs	Toluene		7.89	ug/L	8	98.6		70	130
LCS	524.2_lcs	trans-1,2-Dichloroethene		7.81	ug/L	8	97.6		70	130
LCS	524.2_lcs	trans-1,3-Dichloropropene		7.56	ug/L	8	94.5		70	130
LCS	524.2_lcs	Trichloroethene (TCE)		7.89	ug/L	8	98.6		70	130
LCS	524.2_lcs	Trichlorofluoromethane (Freon 11)		7.88	ug/L	8	98.6		70	130
LCS	524.2_lcs	Vinyl Chloride		7.93	ug/L	8	99.1		70	130
Method Blank	524.2_bl	1,1,1,2-Tetrachloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,1,1-Trichloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,1,2,2-Tetrachloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,1,2-Trichloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,1-Dichloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,1-Dichloroethene		ND	ug/L				70	130
Method Blank	524.2_bl	1,1-Dichloropropene		ND	ug/L				70	130
Method Blank	524.2_bl	1,2,3-Trichlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,2,3-Trichloropropane		ND	ug/L				70	130
Method Blank	524.2_bl	1,2,4-Trichlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,2,4-Trimethylbenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,2-Dibromo-3-chloropropane (DBCP)		ND	ug/L				70	130
Method Blank	524.2_bl	1,2-Dibromoethane (EDB)		ND	ug/L				70	130
Method Blank	524.2_bl	1,2-Dichlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,2-Dichloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	1,2-Dichloropropane		ND	ug/L				70	130
Method Blank	524.2_bl	1,3,5-Trimethylbenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,3-Dichlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	1,3-Dichloropropane		ND	ug/L				70	130
Method Blank	524.2_bl	1,4-Dichlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	2,2-Dichloropropane		ND	ug/L				70	130
Method Blank	524.2_bl	2-chloroethylvinyl Ether		ND	ug/L				70	130
Method Blank	524.2_bl	2-chlorotoluene		ND	ug/L				70	130
Method Blank	524.2_bl	4-Chlorotoluene		ND	ug/L				70	130

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Client: Hydro Geo Chem, Inc.
Project Name: 46500 Zero

QC Report Date: Thursday, December 21, 2000
Project #:

QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	524.2_bl	4-Isopropyltoluene		ND	ug/L				70	130
Method Blank	524.2_bl	4-Methyl-2-pentanone (MIBK)		ND	ug/L				70	130
Method Blank	524.2_bl	Benzene		ND	ug/L				70	130
Method Blank	524.2_bl	bis(2-Chloroethyl) Ether		ND	ug/L				70	130
Method Blank	524.2_bl	Bromobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	Bromochloromethane		ND	ug/L				70	130
Method Blank	524.2_bl	Bromodichloromethane		ND	ug/L				70	130
Method Blank	524.2_bl	Bromoform		ND	ug/L				70	130
Method Blank	524.2_bl	Bromomethane		ND	ug/L				70	130
Method Blank	524.2_bl	Carbon Tetrachloride		ND	ug/L				70	130
Method Blank	524.2_bl	Chlorobenzene		ND	ug/L				70	130
Method Blank	524.2_bl	Chloroethane		ND	ug/L				70	130
Method Blank	524.2_bl	Chloroform		ND	ug/L				70	130
Method Blank	524.2_bl	Chloromethane		ND	ug/L				70	130
Method Blank	524.2_bl	cis-1,2-Dichloroethene		ND	ug/L				70	130
Method Blank	524.2_bl	cis-1,3-Dichloropropene		ND	ug/L				70	130
Method Blank	524.2_bl	Dibromochloromethane		ND	ug/L				70	130
Method Blank	524.2_bl	Dibromomethane		ND	ug/L				70	130
Method Blank	524.2_bl	Dichlorodifluoromethane		ND	ug/L				70	130
Method Blank	524.2_bl	Ethyl benzene		ND	ug/L				70	130
Method Blank	524.2_bl	Ethyl tert-Butyl Ether		ND	ug/L				70	130
Method Blank	524.2_bl	Hexachlorobutadiene		ND	ug/L				70	130
Method Blank	524.2_bl	isopropylbenzene		ND	ug/L				70	130
Method Blank	524.2_bl	m/p-Xylenes		ND	ug/L				70	130
Method Blank	524.2_bl	Methylene chloride (Dichloromethane)		ND	ug/L				70	130
Method Blank	524.2_bl	n-Butyl benzene		ND	ug/L				70	130
Method Blank	524.2_bl	n-Propyl benzene		ND	ug/L				70	130
Method Blank	524.2_bl	Naphthalene		ND	ug/L				70	130
Method Blank	524.2_bl	o-Xylene		ND	ug/L				70	130
Method Blank	524.2_bl	sec-Butyl benzene		ND	ug/L				70	130
Method Blank	524.2_bl	Styrene		ND	ug/L				70	130
Method Blank	524.2_bl	Tert-amyl Methyl Ether		ND	ug/L				70	130
Method Blank	524.2_bl	tert-Butyl benzene		ND	ug/L				70	130
Method Blank	524.2_bl	Tetrachloroethene (PCE)		ND	ug/L				70	130
Method Blank	524.2_bl	Toluene		ND	ug/L				70	130
Method Blank	524.2_bl	Total 1,3-Dichloropropene		ND	ug/L				70	130
Method Blank	524.2_bl	trans-1,2-Dichloroethene		ND	ug/L				70	130

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QC Report Date: Thursday, December 21, 2000
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QUALITY CONTROL REPORT

QC Lab#	TestGroup	Parameter	Sample Result	QC Result	Units	Amt. Added/ True Value	%R or RPD	%RPD for MSD	Low Limit	High Limit
Method Blank	524.2_bl	trans-1,3-Dichloropropene		ND	ug/L				70	130
Method Blank	524.2_bl	Trichloroethene (TCE)		ND	ug/L				70	130
Method Blank	524.2_bl	Trichlorofluoromethane (Freon 11)		ND	ug/L				70	130
Method Blank	524.2_bl	Vinyl Chloride		ND	ug/L				70	130

Worksheet #:	Lab#:	Test Name	Analyzed Date
WS20484	A008446-001	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-002	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-003	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-004	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-005	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-006	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-007	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-008	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-009	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-010	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-011	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-012	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-013	Volatile Organics by EPA 524.2	12/14/00
WS20484	A008446-014	Volatile Organics by EPA 524.2	12/14/00

Note:

ND = Not Detected MS = Matrix Spike MSD = Matrix Spike Duplicate SURR = Surrogate
 = Blank DUP = Duplicate RPD = Relative Percent Deviation LCS = Laboratory Control Standard



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-002 Sample ID: CW-1 Matrix: Ground Water
Sampled By: Client Date: 11/28/00 Time: 12:50

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	20	20	EPA 524.2	12/6/00 rt	WS20228
Chloromethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Vinyl chloride	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromomethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Chloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Trichlorofluoromethane (Freon 11)	ND		ug/L	20	100	EPA 524.2	12/6/00 rt	WS20228
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	20	200	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Methylene chloride (Dichloromethane)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
trans-1,2-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Methyl tert-Butyl Ether	ND		ug/L	20	20	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
2-Butanone (Methyl ethyl ketone)	ND		ug/L	20	100	EPA 524.2	12/6/00 rt	WS20228
2,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
cis-1,2-Dichloroethene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Chloroform	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,1,1-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Carbon tetrachloride	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Trichloroethene (TCE)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Dibromomethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromodichloromethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
cis-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
4-Methyl-2-pentanone (MIBK)	ND		ug/L	20	100	EPA 524.2	12/6/00 rt	WS20228
2-Chloroethylvinyl ether	ND		ug/L	20	20	EPA 524.2	12/6/00 rt	WS20228
Toluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
trans-1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228

Lab#: A008393

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-002
Sampled By: Client

Sample ID: CW-1

Date: 11/28/00

Time: 12:50

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Tetrachloroethane (PCE)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Dibromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromoethane (EDB)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Chlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Ethyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
m/p-Xylenes	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
o-Xylene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Styrene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromoform	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Isopropylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,1,2,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
n-Propyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
2-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,3,5-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
tert-Butyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
bis(2-Chloroethyl) Ether	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
sec-Butylbenzene	ND		ug/L	20	100	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
4-Isopropyltoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,4-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
n-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trichlorobenzene	ND		ug/L	20	20	EPA 524.2	12/6/00 rt	WS20228
Hexachlorobutadiene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Naphthalene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Total 1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Tert-amyl Methyl Ether	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Ethyl tert-Butyl Ether	ND		ug/L	20	60	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	20	60	EPA 524.2	12/6/00 rt	WS20228
			ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228



Client: Hydro Geo Chem, Inc.

Report Date: Tuesday, December 26, 2000

Project Name: Zero

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: Tuesday, December 26, 2000

Received Date: Wednesday, November 29, 2000

Log By: mr

Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-003

Sample ID: RW-1

Matrix: Ground Water

Sampled By: Client

Date: 11/28/00

Time: 12:55

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromoethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chloroform	6.0		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Trichloroethene (TCE)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromodichloromethane	9.4		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228

Lab#: A008393

Page 1 of 3

14859 East Clark Avenue, City of Industry, California 91745-1396

(626) 336-2139

FAX (626) 336-2634

www.wecklabs.com



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-003
Sampled By: Client

Sample ID: RW-1
Date: 11/28/00

Time: 12:55

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tetrachloroethane (PCE)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Dibromochloromethane	10		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromoform	2.3		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
2-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/6/00 rt	WS20228
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/6/00 rt	WS20228



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705
Attn.: John Ward

Phone: (520) 293-1500
FAX: (520) 293-1550

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-010 Sample ID: B-1 / Zero Matrix: Ground Water
Sampled By: Client Date: 11/28/00 Time: 17:00

Table with columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet #. Lists various chemical parameters and their analysis results.

Lab#: A008393



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-010
Sampled By: Client

Sample ID: B-1 / Zero
Date: 11/28/00

Matrix: Ground Water
Time: 17:00

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tetrachloroethene (PCE)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Dibromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromoform	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1,2,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
o-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
p-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
m,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
bis(2-Chloroethyl) Ether	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-Isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tert-amyl Methyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/6/00 rt	WS20228
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/6/00 rt	WS20228
Prep. Method: EPA 3510C								
1,4-Dioxane	ND		ug/L	1	2.0	EPA 8270M	12/6/00 BN	WS20107



Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

- B = Compound detected in the blank. Sample result equal or less than 5 times the concentration in the blank.
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- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
- L = Result is suspect, LCS recovery lower than the control limit.
- Q = QC result out of acceptance limits.
- T = Trace detection, detected but below the reporting limit.

Notes:

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- All results are expressed on wet weight basis unless specified.
- RL = Reporting Limit.
- ND = Not detected, below the reporting limit.
- Sub = Subcontracted analysis, original report enclosed.



Report Date: Tuesday, December 26, 2000
Received Date: Wednesday, November 29, 2000
Log By: mr
Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500
FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-007 Sample ID: CW-2 Matrix: Ground Water
Sampled By: Client Date: 11/29/00 Time: 10:20

Table with 8 columns: Parameter, Result, Flag, Units, Dilution Factor, RL, Method, Analyzed, Worksheet#. Lists various chemical parameters such as Dichlorodifluoromethane, Chloromethane, Vinyl chloride, etc., with results mostly marked as ND.

Lab#: A008393



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-007
Sampled By: Client

Sample ID: CW-2
Date: 11/29/00 Time: 10:20

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Tetrachloroethene (PCE)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Dibromochloromethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromoethane (EDB)	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Chlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Ethyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
m/p-Xylenes	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
o-Xylene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Styrene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromoform	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Isopropylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Bromobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,1,2,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichloropropane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
n-Propyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
2-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
4-Chlorotoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,3,5-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
tert-Butyl benzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trimethylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
bis(2-Chloroethyl) Ether	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
sec-Butylbenzene	ND		ug/L	20	100	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
4-Isopropyltoluene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,4-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
n-Butylbenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	20	20	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Hexachlorobutadiene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Naphthalene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichlorobenzene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Total 1,3-Dichloropropene	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228
Tert-amyl Methyl Ether	ND		ug/L	20	60	EPA 524.2	12/6/00 rt	WS20228
Ethyl tert-Butyl Ether	ND		ug/L	20	60	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	20	10.0	EPA 524.2	12/6/00 rt	WS20228



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

Flags for Data Qualifiers:

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- J = Estimated value, detected but below the reporting limit.
- H = Estimated value, result over the calibration range
- R = Result is suspect, LCS recovery greater than the upper control limit.
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Notes:

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- RL = Reporting Limit.
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Report Date: Tuesday, December 26, 2000

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Log By: mr

Log Time: 13:10

Client: Hydro Geo Chem, Inc.
51 West Wetmore, Suite 101
Tucson, AZ 85705

Phone: (520) 293-1500

FAX: (520) 293-1550

Attn.: John Ward

Project: Zero

P.O. #: 46500

Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A008393-008

Sample ID: RW-2

Matrix: Ground Water

Sampled By: Client

Date: 11/29/00

Time: 10:20

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
<i>Prep. Method: P&T</i>								
Dichlorodifluoromethane	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
Chloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Vinyl chloride	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromomethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Trichlorofluoromethane (Freon 11)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
Trichlorotrifluoroethane (Freon 113)	ND		ug/L	1	10	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Methylene chloride (Dichloromethane)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
trans-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Methyl tert-Butyl Ether	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
2-Butanone (Methyl ethyl ketone)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
2,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
cis-1,2-Dichloroethene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromochloromethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chloroform	5.2		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1,1-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Carbon tetrachloride	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Trichloroethene (TCE)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Dibromomethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromodichloromethane	7.8		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
cis-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-Methyl-2-pentanone (MIBK)	ND		ug/L	1	5.0	EPA 524.2	12/6/00 rt	WS20228
2-Chloroethylvinyl ether	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
Toluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
trans-1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228

Lab#: A008393

Page 1 of 3



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Lab#: A008393-008
Sampled By: Client

Sample ID: RW-2
Date: 11/29/00

Time: 10:20

Matrix: Ground Water

Parameter	Result	Flag	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tetrachloroethene (PCE)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Dibromochloromethane	8.4		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromoethane (EDB)	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Chlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Ethyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
m/p-Xylenes	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
o-Xylene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Styrene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromoform	1.8		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Isopropylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Bromobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichloropropane	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Propyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
m-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
p-Chlorotoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3,5-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
tert-Butyl benzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trimethylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Diethyl(2-Chloroethyl) Ether	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
sec-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,3-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
4-isopropyltoluene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,4-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
n-Butylbenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2-Dibromo-3-chloropropane (DBCP)	ND		ug/L	1	1.0	EPA 524.2	12/6/00 rt	WS20228
1,2,4-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Hexachlorobutadiene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Naphthalene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
1,2,3-Trichlorobenzene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Total 1,3-Dichloropropene	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Tert-amyl Methyl Ether	ND		ug/L	1	0.50	EPA 524.2	12/6/00 rt	WS20228
Ethyl tert-Butyl Ether	ND		ug/L	1	3.0	EPA 524.2	12/6/00 rt	WS20228
1,1,1,2-Tetrachloroethane	ND		ug/L	1	0.5	EPA 524.2	12/6/00 rt	WS20228



Client: Hydro Geo Chem, Inc.
Project Name: Zero

Report Date: Tuesday, December 26, 2000

CERTIFICATE OF ANALYSIS

Authorized Signature

ELAP # 1132
LACSD # 10143
AZ0526

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- L = Result is suspect, LCS recovery lower than the control limit.
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Notes:

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APPENDIX F

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LABORATORY
REPORT FORMS**

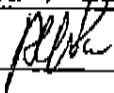
California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 1)

Laboratory Name: Weck Laboratories, Inc.
Address: 14859 East Clark Avenue
Industry, California 91745-1396
Telephone/FAX: (626) 336-2139 / FAX (626) 336-2634

ELAP Certification No.: 1132 Expiration Date: 3/31/02

Authorized Signature
Name, Title (print) Alfredo Pierri / Laboratory Director

Signature, Date  12/28/02

Client Name: Hydro Geo Chem, Inc.

Project Number: _____

Date(s) Sampled: 11/29/00, 11/30/00 and 12/01/00

Date(s) Received: 12/01/00

Date(s) Reported: 12/21/00

Chain of Custody Received: **Yes**

Comments: Samples received cold.

Corresponds to Lab# A008446 (001-014)

California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 2)

<u>Organic Analysis</u>	# of Samples	# of Samples Subcontracted
EPA 524.2	14	None

Sample Condition: Good

<u>Inorganic Analysis</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

<u>Microbiological Analysis</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

<u>Other Types of Analyses</u>	# of Samples	# of Samples Subcontracted
--------------------------------	--------------	----------------------------

Sample Condition:

ANALYTICAL RESULT FOR ORGANICS

METH: EPA Method 524.2

REPORTING UNIT: µg/L

Date Analyzed	12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
Date Extracted					
Lab Sample ID	A008446-001	A008446-001	A008446-002	A008446-002	A008446-003
Client Sample ID	MW-10	MW-10	MW-110	MW-110	MW-9
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
Extraction Method					
Dilution Factor	1	20	1	20	1
Compound	CRDL				
Dichlorodifluoromethane	1	ND		ND	ND
Chloromethane	0.5	ND		ND	ND
Vinyl chloride	0.5	ND		ND	ND
Bromomethane	0.5	ND		ND	ND
Chloroethane	0.5	ND		ND	ND
Trichlorofluoromethane (Freon 11)	0.5	ND		ND	ND
Trichlorotrifluoroethane (Freon 113)	10	ND		ND	ND
1,1-Dichloroethene	0.5	ND		ND	ND
Methylene chloride (Dichloromethane)	0.5	ND		ND	ND
trans-1,2-Dichloroethene	0.5	ND		ND	ND
Methyl tert-Butyl Ether	1	ND		ND	ND
1,1-Dichloroethane	0.5	ND		ND	ND
2-Butanone (Methyl ethyl ketone)	5	ND		ND	ND
2,2-Dichloropropene	0.5	ND		ND	ND
cis-1,2-Dichloroethene	0.5	0.82		0.91	ND
Bromochloromethane	0.5	ND		ND	ND
Chloroform	0.5	2.8		3.1	1.4
1,1,1-Trichloroethane	0.5	ND		ND	ND
Carbon Tetrachloride	0.5	ND		ND	ND
1,1-Dichloropropene	0.5	ND		ND	ND
Benzene	0.5	ND		ND	ND
1,2-Dichloroethane	0.5	ND		ND	ND
Trichloroethene (TCE)	0.5		490		520
1,2-Dichloropropane	0.5	ND		ND	ND
Dibromomethane	0.5	ND		ND	ND
Bromodichloromethane	0.5	ND		ND	ND
cis-1,3-Dichloropropene	0.5	ND		ND	ND
4-Methyl-2-pentanone (MIBK)	5	ND		ND	ND
2-chloroethylvinyl Ether	1	ND		ND	ND
Toluene	0.5	ND		ND	ND
trans-1,3-Dichloropropene	0.5	ND		ND	ND
1,1,2-Trichloroethane	0.5	ND		ND	ND
Tetrachloroethene (PCE)	0.5	6.4		7.1	2.4
1,3-Dichloropropane	0.5	ND		ND	ND
Dibromochloromethane	0.5	ND		ND	ND
1,2-Dibromoethane (EDB)	0.5	ND		ND	ND
Chlorobenzene	0.5	ND		ND	ND
Ethyl benzene	0.5	ND		ND	ND
m/p-xylenes	0.5	ND		ND	ND
o-Xylene	0.5	ND		ND	ND
Styrene	0.5	ND		ND	ND
Bromoform	0.5	ND		ND	ND
Propylbenzene	0.5	ND		ND	ND

Date Analyzed		12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
Date Extracted						
Lab Sample ID		A008446-003	A008446-001	A008446-002	A008446-002	A008446-003
Client Sample ID		MW-9	MW-10	MW-110	MW-110	MW-9
Extraction Solvent		Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
Extraction Method						
Dilution Factor		10	20	1	20	1
Compound	CRDL					
Bromobenzene	0.5	ND		ND		ND
1,1,2,2-Tetrachloroethane	0.5	ND		ND		ND
1,2,3-Trichloropropane	0.5	ND		ND		ND
n-Propyl benzene	0.5	ND		ND		ND
2-Chlorotoluene	0.5	ND		ND		ND
4-Chlorotoluene	0.5	ND		ND		ND
1,3,5-Trimethylbenzene	0.5	ND		ND		ND
tert-Butylbenzene	0.5	ND		ND		ND
1,2,4-Trimethylbenzene	0.5	ND		ND		ND
bis(2-chloroethyl) Ether	5	ND		ND		ND
sec-Butyl benzene	0.5	ND		ND		ND
1,3-Dichlorobenzene	0.5	ND		ND		ND
4-Isopropyltoluene	0.5	ND		ND		ND
1,4-Dichlorobenzene	0.5	ND		ND		ND
1,2-Dichlorobenzene	0.5	ND		ND		ND
n-Butyl benzene	0.5	ND		ND		ND
1,2-Dibromo-3-chloropropane (DBCP)	1	ND		ND		ND
1,2,4-Trichlorobenzene	0.5	ND		ND		ND
Hexachlorobutadiene	0.5	ND		ND		ND
Napthalene	0.5	ND		ND		ND
1,2,3-Trichlorobenzene	0.5	ND		ND		ND
Total 1,3-Dichloropropene	0.5	ND		ND		ND
Tert-amyl Methyl Ether	3	ND		ND		ND
Ethyl tert-Butyl Ether	3	ND		ND		ND
1,1,1,2-Tetrachloroethane	0.5	ND		ND		ND
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	100	116	107	114
1,2-Dichlorobenzene-d4	2.0	70 - 130	96.5	110	104	106

ANALYTICAL RESULT FOR ORGANICS

HOD: EPA Method 524.2

REPORTING UNIT: µg/L

	Date Analyzed	12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
	Date Extracted					
	Lab Sample ID	A008446-003	A008446-004	A008446-004	A008446-005	A008446-005
	Client Sample ID	MW-9	MW-1	MW-1	MW-2	MW-2
	Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
	Extraction Method					
	Dilution Factor	10	1	100	1	20
Compound	CRDL					
Dichlorodifluoromethane	1		ND		ND	
Chloromethane	0.5		ND		ND	
Vinyl chloride	0.5		ND		ND	
Bromomethane	0.5		ND		ND	
Chloroethane	0.5		ND		ND	
Trichlorofluoromethane (Freon 11)	0.5		ND		ND	
Trichlorotrifluoroethane (Freon 113)	10		ND		ND	
1,1-Dichloroethene	0.5		ND		ND	
Methylene chloride (Dichloromethane)	0.5		ND		ND	
trans-1,2-Dichloroethene	0.5		0.55		ND	
Methyl tert-Butyl Ether	1		ND		ND	
1,1-Dichloroethane	0.5		ND		ND	
2-Butanone (Methyl ethyl ketone)	5		ND		ND	
2,2-Dichloropropane	0.5		ND		ND	
cis-1,2-Dichloroethene	0.5		3.2		1.4	
Bromochloromethane	0.5		ND		ND	
Chloroform	0.5		8.0		1.7	
1,1-Trichloroethane	0.5		ND		ND	
Carbon Tetrachloride	0.5		ND		ND	
1,1-Dichloropropene	0.5		ND		ND	
Benzene	0.5		ND		ND	
1,2-Dichloroethane	0.5		ND		ND	
Trichloroethene (TCE)	0.5	97		1800		470
1,2-Dichloropropane	0.5		ND		ND	
Dibromomethane	0.5		ND		ND	
Bromodichloromethane	0.5		ND		ND	
cis-1,3-Dichloropropene	0.5		ND		ND	
4-Methyl-2-pentanone (MIBK)	5		ND		ND	
2-chloroethylvinyl Ether	1		ND		ND	
Toluene	0.5		ND		ND	
trans-1,3-Dichloropropene	0.5		ND		ND	
1,1,2-Trichloroethane	0.5		1.7		ND	
Tetrachloroethene (PCE)	0.5		11		4.3	
1,3-Dichloropropane	0.5		ND		ND	
Dibromochloromethane	0.5		ND		ND	
1,2-Dibromoethane (EDB)	0.5		ND		ND	
Chlorobenzene	0.5		ND		ND	
Ethyl benzene	0.5		ND		ND	
m/p-xylenes	0.5		ND		ND	
o-Xylene	0.5		ND		ND	
Styrene	0.5		ND		ND	
Bromoform	0.5		ND		ND	
Propylbenzene	0.5		ND		ND	

Date Analyzed		12/14/00	12/14/00	12/14/00	12/14/00	12/14/00	
Date Extracted							
Lab Sample ID		A008446-003	A008446-004	A008446-004	A008446-005	A008446-005	
Client Sample ID		MW-9	MW-1	MW-1	MW-2	MW-2	
Extraction Solvent		Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	
Extraction Method							
Dilution Factor		10	1	100	1	20	
Compound	CRDL						
Bromobenzene	0.5		ND		ND		
1,1,2,2-Tetrachloroethane	0.5		ND		ND		
1,2,3-Trichloropropane	0.5		ND		ND		
n-Propyl benzene	0.5		ND		ND		
2-Chlorotoluene	0.5		ND		ND		
4-Chlorotoluene	0.5		ND		ND		
1,3,5-Trimethylbenzene	0.5		ND		ND		
tert-Butylbenzene	0.5		ND		ND		
1,2,4-Trimethylbenzene	0.5		ND		ND		
bis(2-chloroethyl) Ether	5		ND		ND		
sec-Butyl benzene	0.5		ND		ND		
1,3-Dichlorobenzene	0.5		ND		ND		
4-Isopropyltoluene	0.5		ND		ND		
1,4-Dichlorobenzene	0.5		ND		ND		
1,2-Dichlorobenzene	0.5		ND		ND		
n-Butyl benzene	0.5		ND		ND		
1,2-Dibromo-3-chloropropane (DBCP)	1		ND		ND		
1,2,4-Trichlorobenzene	0.5		ND		ND		
Hexachlorobutadiene	0.5		ND		ND		
Naphthalene	0.5		ND		ND		
1,2,3-Trichlorobenzene	0.5		ND		ND		
Total 1,3-Dichloropropene	0.5		ND		ND		
Tert-amyl Methyl Ether	3		ND		ND		
Ethyl tert-Butyl Ether	3		ND		ND		
1,1,1,2-Tetrachloroethane	0.5		ND		ND		
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	111	108	112	106	110
1,2-Dichlorobenzene-d4	2.0	70 - 130	108	104	105	102	104

ANALYTICAL RESULT FOR ORGANICS

HOD: EPA Method 524.2

REPORTING UNIT: µg/L

Date Analyzed	12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
Date Extracted					
Lab Sample ID	A008446-008	A008446-006	A008446-007	A008446-007	A008446-008
Client Sample ID	MW-3	MW-3	MW-13	MW-13	RW-3
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
Extraction Method					
Dilution Factor	1	20	1	20	1
Compound	CRDL				
Dichlorodifluoromethane	1	ND		ND	ND
Chloromethane	0.5	ND		ND	ND
Vinyl chloride	0.5	ND		ND	ND
Bromomethane	0.5	ND		ND	ND
Chloroethane	0.5	ND		ND	ND
Trichlorofluoromethane (Freon 11)	0.5	ND		ND	ND
Trichlorotrifluoroethane (Freon 113)	10	ND		ND	ND
1,1-Dichloroethene	0.5	ND		ND	ND
Methylene chloride (Dichloromethane)	0.5	ND		ND	ND
trans-1,2-Dichloroethene	0.5	2.3		2.1	ND
Methyl tert-Butyl Ether	1	ND		ND	ND
1,1-Dichloroethane	0.5	ND		ND	ND
2-Butanone (Methyl ethyl ketone)	5	ND		ND	ND
2,2-Dichloropropane	0.5	ND		ND	ND
cis-1,2-Dichloroethane	0.5	15		13	ND
Bromochloromethane	0.5	ND		ND	ND
Chloroform	0.5	1.6		1.4	6.5
1,1,1-Trichloroethane	0.5	ND		ND	ND
Carbon Tetrachloride	0.5	ND		ND	ND
1,1-Dichloropropene	0.5	ND		ND	ND
Benzene	0.5	ND		ND	ND
1,2-Dichloroethane	0.5	ND		ND	ND
Trichloroethene (TCE)	0.5		310		280
1,2-Dichloropropane	0.5	ND		ND	ND
Dibromomethane	0.5	ND		ND	ND
Bromodichloromethane	0.5	ND		ND	10
cis-1,3-Dichloropropene	0.5	ND		ND	ND
4-Methyl-2-pentanone (MIBK)	5	ND		ND	ND
2-chloroethylvinyl Ether	1	ND		ND	ND
Toluene	0.5	ND		ND	ND
trans-1,3-Dichloropropene	0.5	ND		ND	ND
1,1,2-Trichloroethane	0.5	ND		ND	ND
Tetrachloroethane (PCE)	0.5	2.4		2.1	0.70
1,3-Dichloropropane	0.5	ND		ND	ND
Dibromochloromethane	0.5	ND		ND	10
1,2-Dibromoethane (EDB)	0.5	ND		ND	ND
Chlorobenzene	0.5	ND		ND	ND
Ethyl benzene	0.5	ND		ND	ND
m/p-xylenes	0.5	ND		ND	ND
o-Xylene	0.5	ND		ND	ND
Styrene	0.5	ND		ND	ND
Bromoform	0.5	ND		ND	3.0
Propylbenzene	0.5	ND		ND	ND

		Date Analyzed	12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
		Date Extracted					
		Lab Sample ID	A008446-006	A008446-006	A008446-007	A008446-007	A008446-008
		Client Sample ID	MW-3	MW-3	MW-13	MW-13	RW-3
		Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
		Extraction Method					
		Dilution Factor	1	20	1	20	1
Compound	CRDL						
Bromobenzene	0.5		ND		ND		ND
1,1,2,2-Tetrachloroethane	0.5		ND		ND		ND
1,2,3-Trichloropropane	0.5		ND		ND		ND
n-Propyl benzene	0.5		ND		ND		ND
2-Chlorotoluene	0.5		ND		ND		ND
4-Chlorotoluene	0.5		ND		ND		ND
1,3,5-Trimethylbenzene	0.5		ND		ND		ND
tert-Butylbenzene	0.5		ND		ND		ND
1,2,4-Trimethylbenzene	0.5		ND		ND		ND
bis(2-chloroethyl) Ether	5		ND		ND		ND
sec-Butyl benzene	0.5		ND		ND		ND
1,3-Dichlorobenzene	0.5		ND		ND		ND
4-isopropyltoluene	0.5		ND		ND		ND
1,4-Dichlorobenzene	0.5		ND		ND		ND
1,2-Dichlorobenzene	0.5		ND		ND		ND
n-Butyl benzene	0.5		ND		ND		ND
1,2-Dibromo-3-chloropropane (DBCP)	1		ND		ND		ND
1,2,4-Trichlorobenzene	0.5		ND		ND		ND
Hexachlorobutadiene	0.5		ND		ND		ND
Napthalene	0.5		ND		ND		ND
1,2,3-Trichlorobenzene	0.5		ND		ND		ND
Total 1,3-Dichloropropene	0.5		ND		ND		ND
Tert-amyl Methyl Ether	3		ND		ND		ND
Ethyl tert-Butyl Ether	3		ND		ND		ND
1,1,1,2-Tetrachloroethane	0.5		ND		ND		ND
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	102	110	101	108	106
1,2-Dichlorobenzene-d4	2.0	70 - 130	95.5	104	100	101	104

ANALYTICAL RESULT FOR ORGANICS

REPORTING UNIT: µg/L

Date Analyzed		12/14/00	12/14/00	12/14/00	12/14/00	12/14/00
Date Extracted						
Lab Sample ID		A008446-008	A008446-009	A008446-010	A008446-010	A008446-011
Client Sample ID		RW-3	WW-3	RW-4	RW-4	WW-4
Extraction Solvent		Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
Extraction Method						
Dilution Factor		5	20	1	5	20
Compound	CRDL					
Dichlorodifluoromethane	1		ND	ND		ND
Chloromethane	0.5		ND	ND		ND
Vinyl chloride	0.5		ND	ND		ND
Bromomethane	0.5		ND	ND		ND
Chloroethane	0.5		ND	ND		ND
Trichlorofluoromethane (Freon 11)	0.5		ND	ND		ND
Trichlorotrifluoroethane (Freon 113)	10		ND	ND		ND
1,1-Dichloroethene	0.5		ND	ND		ND
Methylene chloride (Dichloromethane)	0.5		ND	ND		ND
trans-1,2-Dichloroethane	0.5		ND	ND		ND
Methyl tert-Butyl Ether	1		ND	ND		ND
1,1-Dichloroethane	0.5		ND	ND		ND
2-Butanone (Methyl ethyl ketone)	5		ND	ND		ND
2,2-Dichloropropane	0.5		ND	ND		ND
cis-1,2-Dichloroethane	0.5		ND	ND		ND
Bromochloromethane	0.5		ND	ND		ND
Chloroform	0.5		ND	6.3		ND
1,1,1-Trichloroethane	0.5		ND	ND		ND
Carbon Tetrachloride	0.5		ND	ND		ND
1,1-Dichloropropene	0.5		ND	ND		ND
Benzene	0.5		ND	ND		ND
1,2-Dichloroethane	0.5		ND	ND		ND
Trichloroethane (TCE)	0.5	50	72		42	60
1,2-Dichloropropane	0.5		ND	ND		ND
Dibromomethane	0.5		ND	ND		ND
Bromodichloromethane	0.5		ND	10		ND
cis-1,3-Dichloropropane	0.5		ND	ND		ND
4-Methyl-2-pentanone (MIBK)	5		ND	ND		ND
2-chloroethylvinyl Ether	1		ND	ND		ND
Toluene	0.5		ND	ND		ND
trans-1,3-Dichloropropene	0.5		ND	ND		ND
1,1,2-Trichloroethane	0.5		ND	ND		ND
Tetrachloroethene (PCE)	0.5		ND	0.66		ND
1,3-Dichloropropane	0.5		ND	ND		ND
Dibromochloromethane	0.5		ND	9.9		ND
1,2-Dibromoethane (EDB)	0.5		ND	ND		ND
Chlorobenzene	0.5		ND	ND		ND
Ethyl benzene	0.5		ND	ND		ND
m/p-xylenes	0.5		ND	ND		ND
o-Xylene	0.5		ND	ND		ND
Styrene	0.5		ND	ND		ND
Bromoform	0.5		ND	2.8		ND
Propylbenzene	0.5		ND	ND		ND

Date Analyzed	12/14/00	12/14/00	12/14/00	12/14/00	12/14/00	
Date Extracted						
Lab Sample ID	A008446-008	A008446-009	A008446-010	A008446-010	A008446-011	
Client Sample ID	RW-3	WW-3	RW-4	RW-4	WW-4	
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	
Extraction Method						
Dilution Factor	5	20	1	5	20	
Compound	CRDL					
Bromobenzene	0.5	ND	ND		ND	
1,1,2,2-Tetrachloroethane	0.5	ND	ND		ND	
1,2,3-Trichloropropane	0.5	ND	ND		ND	
n-Propyl benzene	0.5	ND	ND		ND	
2-Chlorotoluene	0.5	ND	ND		ND	
4-Chlorotoluene	0.5	ND	ND		ND	
1,3,5-Trimethylbenzene	0.5	ND	ND		ND	
tert-Butylbenzene	0.5	ND	ND		ND	
1,2,4-Trimethylbenzene	0.5	ND	ND		ND	
bis(2-chloroethyl) Ether	5	ND	ND		ND	
sec-Butyl benzene	0.5	ND	ND		ND	
1,3-Dichlorobenzene	0.5	ND	ND		ND	
4-isopropyltoluene	0.5	ND	ND		ND	
1,4-Dichlorobenzene	0.5	ND	ND		ND	
1,2-Dichlorobenzene	0.5	ND	ND		ND	
n-Butyl benzene	0.5	ND	ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	1	ND	ND		ND	
1,2,4-Trichlorobenzene	0.5	ND	ND		ND	
Hexachlorobutadiene	0.5	ND	ND		ND	
Napthalene	0.5	ND	ND		ND	
1,2,3-Trichlorobenzene	0.5	ND	ND		ND	
Total 1,3-Dichloropropene	0.5	ND	ND		ND	
Tert-amyl Methyl Ether	3	ND	ND		ND	
Ethyl tert-Butyl Ether	3	ND	ND		ND	
1,1,1,2-Tetrachloroethane	0.5	ND	ND		ND	
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	110	108	108	112
1,2-Dichlorobenzene-d4	2.0	70 - 130	106	104	106	108

ANALYTICAL RESULT FOR ORGANICS

HOD: EPA Method 524.2

REPORTING UNIT: $\mu\text{g/L}$

Date Analyzed	12/14/00	12/14/00	12/14/00		
Date Extracted					
Lab Sample ID	A008446-012	A008446-013	A008446-014		
Client Sample ID	B-2	B-3	TB-2		
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap		
Extraction Method					
Dilution Factor	1	1	1		
Compound	CRDL				
Dichlorodifluoromethane	1	ND	ND	ND	
Chloromethane	0.5	ND	ND	ND	
Vinyl chloride	0.5	ND	ND	ND	
Bromomethane	0.5	ND	ND	ND	
Chloroethane	0.5	ND	ND	ND	
Trichlorofluoromethane (Freon 11)	0.5	ND	ND	ND	
Trichlorotrifluoroethane (Freon 113)	10	ND	ND	ND	
1,1-Dichloroethane	0.5	ND	ND	ND	
Methylene chloride (Dichloromethane)	0.5	ND	ND	ND	
trans-1,2-Dichloroethane	0.5	ND	ND	ND	
Methyl tert-Butyl Ether	1	ND	ND	ND	
1,1-Dichloroethane	0.5	ND	ND	ND	
2-Butanone (Methyl ethyl ketone)	5	ND	ND	ND	
2,2-Dichloropropane	0.5	ND	ND	ND	
cis-1,2-Dichloroethane	0.5	ND	ND	ND	
Bromochloromethane	0.5	ND	ND	ND	
Bromoform	0.5	ND	ND	ND	
1,1-Trichloroethane	0.5	ND	ND	ND	
Carbon Tetrachloride	0.5	ND	ND	ND	
1,1-Dichloropropene	0.5	ND	ND	ND	
Benzene	0.5	ND	ND	ND	
1,2-Dichloroethane	0.5	ND	ND	ND	
Trichloroethane (TCE)	0.5	ND	ND	ND	
1,2-Dichloropropane	0.5	ND	ND	ND	
Dibromomethane	0.5	ND	ND	ND	
Bromodichloromethane	0.5	ND	ND	ND	
cis-1,3-Dichloropropene	0.5	ND	ND	ND	
4-Methyl-2-pentanone (MIBK)	5	ND	ND	ND	
2-chloroethylvinyl Ether	1	ND	ND	ND	
Toluene	0.5	ND	ND	ND	
trans-1,3-Dichloropropene	0.5	ND	ND	ND	
1,1,2-Trichloroethane	0.5	ND	ND	ND	
Tetrachloroethene (PCE)	0.5	ND	ND	ND	
1,3-Dichloropropane	0.5	ND	ND	ND	
Dibromochloromethane	0.5	ND	ND	ND	
1,2-Dibromoethane (EDB)	0.5	ND	ND	ND	
Chlorobenzene	0.5	ND	ND	ND	
Ethyl benzene	0.5	ND	ND	ND	
m/p-xylenes	0.5	ND	ND	ND	
o-Xylene	0.5	ND	ND	ND	
Styrene	0.5	ND	ND	ND	
Bromoform	0.5	ND	ND	ND	
Propylbenzene	0.5	ND	ND	ND	

Date Analyzed		12/14/00	12/14/00	12/14/00		
Date Extracted						
Lab Sample ID		A008446-012	A008446-013	A008446-014		
Client Sample ID		B-2	B-3	TB-2		
Extraction Solvent		Purge & Trap	Purge & Trap	Purge & Trap		
Extraction Method						
Dilution Factor		1	1	1		
Compound		CRDL				
Bromobenzene	0.5	ND	ND	ND		
1,1,2,2-Tetrachloroethane	0.5	ND	ND	ND		
1,2,3-Trichloropropane	0.5	ND	ND	ND		
n-Propyl benzene	0.5	ND	ND	ND		
2-Chlorotoluene	0.5	ND	ND	ND		
4-Chlorotoluene	0.5	ND	ND	ND		
1,3,5-Trimethylbenzene	0.5	ND	ND	ND		
tert-Butylbenzene	0.5	ND	ND	ND		
1,2,4-Trimethylbenzene	0.5	ND	ND	ND		
bis(2-chloroethyl) Ether	5	ND	ND	ND		
sec-Butyl benzene	0.5	ND	ND	ND		
1,3-Dichlorobenzene	0.5	ND	ND	ND		
4-isopropyltoluene	0.5	ND	ND	ND		
1,4-Dichlorobenzene	0.5	ND	ND	ND		
1,2-Dichlorobenzene	0.5	ND	ND	ND		
n-Butyl benzene	0.5	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	1	ND	ND	ND		
1,2,4-Trichlorobenzene	0.5	ND	ND	ND		
Hexachlorobutadiene	0.5	ND	ND	ND		
Napthalene	0.5	ND	ND	ND		
1,2,3-Trichlorobenzene	0.5	ND	ND	ND		
Total 1,3-Dichloropropene	0.5	ND	ND	ND		
Tert-amyl Methyl Ether	3	ND	ND	ND		
Ethyl tert-Butyl Ether	3	ND	ND	ND		
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND		
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	96.0	104	104	
1,2-Dichlorobenzene-d4	2.0	70 - 130	92.5	104	104	

Project No.: Hydro Geo Chem, Inc.

i. Calibration Standard

(A). Initial Calibration

DATE PERFORMED: 12/14/00
 STANDARD SUPPLY SOURCE: Ultra
 INSTRUMENT I.D.: GC-MS #3

ANALYTICAL METHOD: 524.2
 DATE OF SOURCE: 12/12/00
 LOT NUMBER: R-0925

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	RF (Avg)	SD (N-1)	%RSD
Compound 1			1st Conc			Calibration software from instrument was used. See attachment.		
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound 2			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound K			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					

(B). Continuing Calibration (Mid-Point) (12/14/00)- See Attachment

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	%Diff	ACP RGE %Diff
Compound 1							
Compound 2							
Compound K							

Project No.: Hydro Geo Chem, Inc.

I. Fortified Blank (LFB)

DATE PERFORMED: 12/14/00
SUPPLY SOURCE: AccuStandard
LOT NUMBER: A9120203 (L); B0060064 (G)
DATE OF SOURCE: 11/20/00

ANALYTICAL METHOD: EPA 524.2
LAB LCS I.D.: 121-41-8 (L), 121-41-7 (L)

UNIT: µg/L

Analyte	Spike Conc	Result	%Recovery	ACP %Rec Limit
Chloromethane	8.00	7.36	92.0	70 - 130
1,1-DCE	8.00	7.64	95.5	70 - 130
Chloroform	8.00	7.53	94.1	70 - 130
1,1,1-Trichloroethene	8.00	7.81	97.6	70 - 130
Carbon Tetrachloride	8.00	7.92	99.0	70 - 130
Benzene	8.00	7.81	97.6	70 - 130
Trichloroethene	8.00	7.89	98.6	70 - 130
Toluene	8.00	7.89	98.6	70 - 130
Tetrachloroethene	8.00	7.74	96.8	70 - 130
o-Xylene	8.00	7.91	98.9	70 - 130

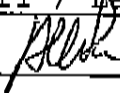
California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 1)

Laboratory Name: Weck Laboratories, Inc.
Address: 14859 East Clark Avenue
Industry, California 91745-1396
Telephone/FAX: (818) 336-2139 / FAX (818) 336-2634

ELAP Certification No.: 1132 Expiration Date: 3/31/02

Authorized Signature
Name, Title (print) Alfredo Pierri / Laboratory Director

Signature, Date  12/29/00

Client Name: Hydro Geo Chem, Inc.

Project Number: _____

Date(s) Sampled: 11/29/00, 11/30/00 and 12/01/00

Date(s) Received: 12/01/00

Date(s) Reported: 12/21/00

Chain of Custody Received: **Yes**

Comments: Samples received cold.

Corresponds to Lab# A0084646 (001-007), -012 and
-013

California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 2)

<u>Organic Analysis</u>	# of Samples	# of Samples Subcontracted
EPA 8270 Modified	9	None

Sample Condition: Good

<u>Inorganic Analysis</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

<u>Microbiological Analysis</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

<u>Other Types of Analyses</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

QA/QC REPORT

I. Calibration Standard

(A). Initial Calibration

DATE PERFORMED: 11/08/00
 STANDARD SUPPLY SOURCE: NSI Solution
 INSTRUMENT I.D.: GC/MS #6

ANALYTICAL METHOD: 8270 Modified
 DATE OF SOURCE: 07/12/00
 LOT NUMBER: 480-03-02

Compound	Detector	RT	Mass/Conc Unit: mg/L	Area	RF	RF (Avg)	SD (N-1)	%RSD
1,4-Dioxane	MS	7.32	2.5	38607	0.896	0.881	0.016	1.78
		7.32	5	77396	0.898			
		7.31	10	200047	0.873			
		7.31	20	290203	0.880			
		7.31	40	581561	0.861			

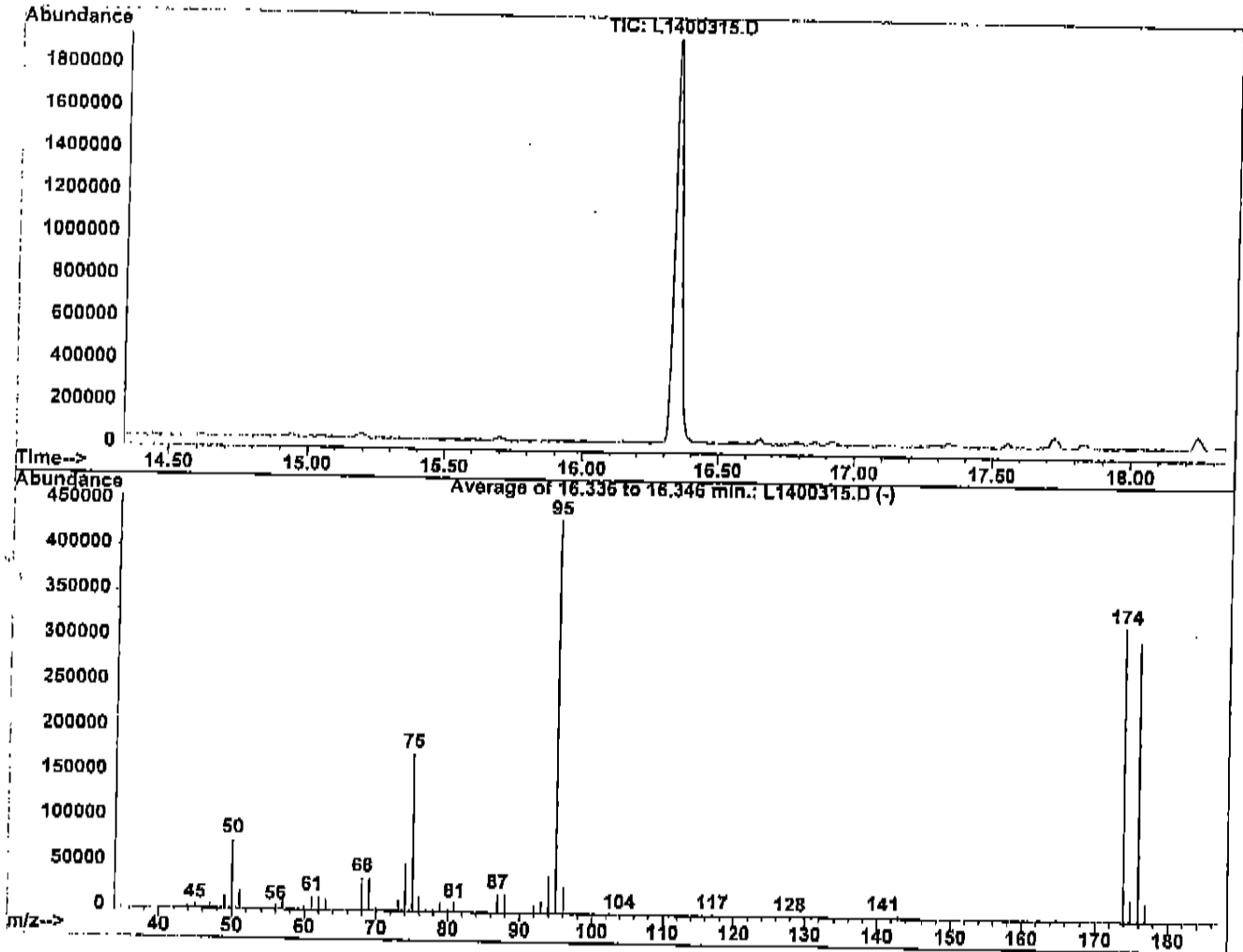
(B). Continuing Calibration (Mid-Point) - 12/7/00

Compound	Detector	RT	Mass/Conc Unit: mg/L	Area	RF	%Diff	ACP RGE %Diff
1,4-Dioxane	MS	7.15	9.94	158345	0.876	0.6	20

SW-846 Method 524.2

Data File : D:\DATAFILE\12142000\L1400315.D
 Acq On : 14 Dec 00 9:53 pm
 Sample : bfb tuning
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000

Vial: 15
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00



AutoFind: Scans 2649, 2650, 2651; Background Corrected with Scan 2640

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	77051	PASS
75	95	30	80	40.3	175595	PASS
95	95	100	100	100.0	435669	PASS
96	95	5	9	7.0	30656	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.7	325504	PASS
175	174	5	9	7.6	24635	PASS
176	174	95	101	95.6	311317	PASS
177	176	5	9	6.6	20645	PASS

Response Factor Report GCMS 03

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Initial Calibration

Calibration Files

1 =L1400305.D 2 =L1400306.D 3 =L1400307.D
 4 =L1400308.D 5 =L1400309.D 6 =L1400310.D

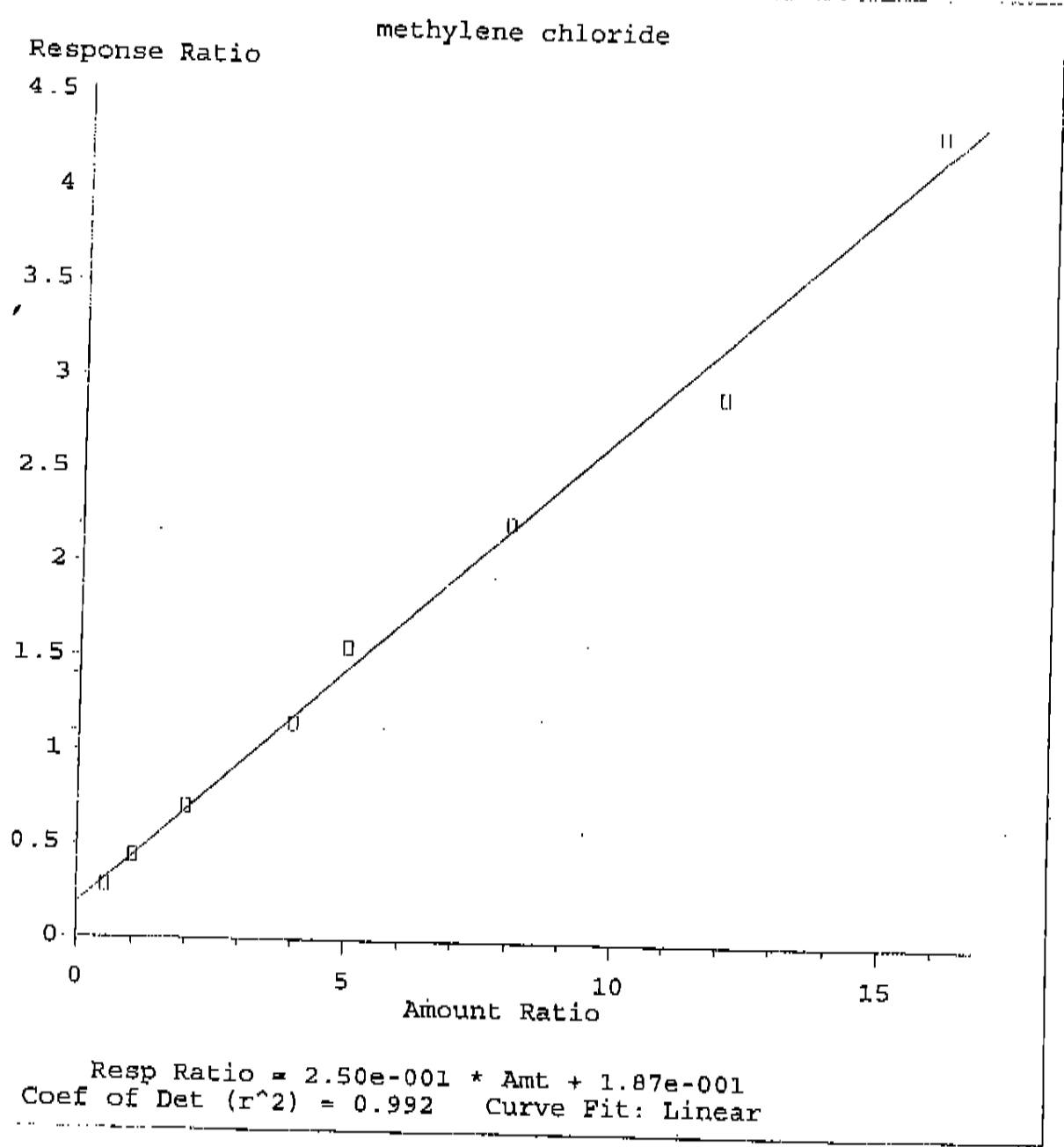
Compound	1	2	3	4	5	6	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----							
2) T dichlorodifluoromet	0.149	0.213	0.254	0.249	0.248	0.250	0.233	15.61
3) TP chloromethane	0.525	0.434	0.491	0.472	0.453	0.475	0.464	7.77
4) TC vinyl chloride	0.233	0.228	0.296	0.287	0.279	0.295	0.272	10.33
5) T bromomethane	0.166	0.131	0.149	0.150	0.140	0.151	0.147	7.31
6) T chloroethane	0.137	0.122	0.133	0.136	0.133	0.141	0.132	5.74
7) T trichlorofluorometh	0.150	0.206	0.261	0.260	0.256	0.272	0.240	17.00
8) T Freon 113	0.150	0.206	0.261	0.260	0.256	0.272	0.000	-1.00
9) TCM 1,1-dichloroethene	0.224	0.220	0.268	0.256	0.250	0.263	0.245	8.16
10) T methylene chloride	0.561	0.443	0.353	0.288	0.311	0.278	0.344	31.26
11) T trans-1,2-dichloroe	0.275	0.251	0.298	0.293	0.275	0.297	0.277	6.97
12) T mtbe	0.276	0.321	0.350	0.312	0.305	0.331	0.310	9.19
13) TP 1,1-dichloroethane	0.499	0.432	0.532	0.531	0.505	0.538	0.504	7.41
14) T etbe (ethyl-t-butyl	0.499	0.432	0.532	0.531	0.505	0.538	0.000	-1.00
15) T 2-Butanone (MEK)	0.499	0.432	0.532	0.531	0.505	0.538	0.000	-1.00
16) T 2,2-dichloropropane	0.284	0.267	0.332	0.317	0.298	0.313	0.294	8.58
17) T cis-1,2-dichloroeth	0.289	0.246	0.294	0.291	0.269	0.287	0.271	7.81
18) T bromochloromethane	0.105	0.090	0.112	0.110	0.107	0.116	0.107	7.6
19) T tetrahydrofuran	0.105	0.090	0.112	0.110	0.107	0.116	0.000	-1.00
20) TC chloroform	0.462	0.382	0.445	0.441	0.416	0.446	0.426	6.99
21) T 1,1,1-trichloroetha	0.295	0.288	0.355	0.351	0.338	0.359	0.332	8.98
22) T carbon tetrachlorid	0.221	0.254	0.314	0.308	0.299	0.320	0.289	11.94
23) T 1,1-dichloropropene	0.261	0.285	0.353	0.341	0.319	0.342	0.314	10.25
24) TM benzene	0.979	0.858	1.024	1.015	0.962	1.037	0.950	8.06
25) T 1,2-dichloroethane	0.180	0.154	0.189	0.189	0.183	0.196	0.182	7.49
26) T TAME(tert amylmethy	0.180	0.154	0.189	0.189	0.183	0.196	0.000	-1.00
27) TM trichloroethene	0.252	0.226	0.275	0.277	0.260	0.280	0.259	7.65
28) TC 1,2-dichloropropane	0.249	0.229	0.268	0.269	0.255	0.274	0.255	6.54
29) T dibromomethane	0.094	0.083	0.105	0.105	0.098	0.108	0.099	8.36
30) T bromodichloromethan	0.226	0.208	0.248	0.257	0.247	0.254	0.244	7.86
31) T cis-1,3-dichloropro	0.313	0.267	0.321	0.321	0.311	0.334	0.311	7.09
32) T 4-Methyl-2-pentanon	0.313	0.267	0.321	0.321	0.311	0.334	0.000	-1.00
33) T 2-chloroethylvinyl	0.313	0.267	0.321	0.321	0.311	0.334	0.000	-1.00
34) TMC toluene	0.559	0.489	0.579	0.574	0.541	0.577	0.541	6.99
35) T trans-1,3-dichlorop	0.206	0.180	0.217	0.220	0.215	0.230	0.213	7.72
36) T 1,1,2-trichloroetha	0.101	0.089	0.112	0.111	0.108	0.116	0.106	8.25
37) T tetrachloroethene	0.198	0.193	0.243	0.238	0.233	0.249	0.227	9.77
38) T 1,3-dichloropropane	0.209	0.171	0.220	0.219	0.210	0.225	0.207	8.64
39) T dibromochloromethan	0.142	0.131	0.164	0.167	0.165	0.176	0.161	10.10
40) T 1,2-dibromoethane	0.114	0.100	0.127	0.134	0.126	0.140	0.125	10.04
41) TPM chlorobenzene	0.603	0.497	0.602	0.599	0.568	0.607	0.571	7.35
42) T 1,1,1,2-tetrachloro	0.202	0.174	0.218	0.208	0.202	0.217	0.202	7.27
43) TC ethylbenzene	0.980	0.884	1.070	1.041	0.996	1.063	0.979	7.93
44) T m,p-xylene	0.361	0.320	0.396	0.377	0.354	0.372	0.350	8.8
45) T o-xylene	0.361	0.308	0.380	0.366	0.339	0.361	0.336	10.03
46) T styrene	0.560	0.492	0.592	0.577	0.545	0.569	0.534	8.76
47) TP bromoform	0.060	0.058	0.070	0.074	0.071	0.080	0.072	12.37
48) T isopropylbenzene	0.808	0.776	0.961	0.935	0.901	0.953	0.868	8.83
49) SCP 4-bromofluorobenzen	0.288	0.285	0.284	0.285	0.271	0.293	0.284	2.18

	T	bromobenzene	0.213	0.189	0.228	0.226	0.215	0.233	0.217	7.24
4)	TP	1,1,2,2-tetrachloro	0.124	0.106	0.129	0.132	0.125	0.135	0.126	7.60
52)	T	1,2,3-trichloroprop	0.129	0.096	0.118	0.114	0.105	0.113	0.108	10.88
53)	T	n-propylbenzene	1.023	0.974	1.221	1.194	1.149	1.205	1.094	9.79
54)	T	2-chlorotoluene	0.684	0.576	0.692	0.679	0.635	0.677	0.642	7.44
55)	T	4-chlorotoluene	0.666	0.564	0.687	0.669	0.633	0.680	0.638	7.18
56)	T	1,3,5-trimethylbenz	0.677	0.608	0.774	0.739	0.705	0.760	0.698	8.48
57)	T	tert-butylbenzene	0.392	0.364	0.455	0.446	0.429	0.446	0.416	8.27
58)	T	1,2,4-trimethylbenz	0.697	0.593	0.759	0.720	0.687	0.730	0.682	8.60
59)	T	bis(2-Chloroethyl)	0.697	0.593	0.759	0.720	0.687	0.730	0.000	-1.00
60)	T	sec-butylbenzene	0.800	0.810	1.033	0.992	0.952	1.015	0.910	10.60
61)	T	1,3-dichlorobenzene	0.403	0.340	0.430	0.423	0.395	0.426	0.395	8.15
62)	T	4-isopropyltoluene	0.679	0.653	0.817	0.777	0.745	0.784	0.717	9.83
63)	T	1,4-dichlorobenzene	0.411	0.329	0.415	0.419	0.395	0.422	0.398	7.86
64)	SCP	1,4-dcb-d4 (SSTD2)	0.351	0.357	0.379	0.425	0.458	0.534	0.417	16.90
65)	T	1,2-dichlorobenzene	0.344	0.288	0.353	0.352	0.332	0.361	0.338	7.51
66)	T	n-butylbenzene	0.603	0.592	0.761	0.729	0.707	0.750	0.680	9.93
67)	T	1,2-dibromo-3-chlor	0.021	0.018	0.020	0.018	0.016	0.016	0.017	15.60
68)	T	1,2,4-trichlorobenz	0.158	0.130	0.170	0.162	0.157	0.172	0.160	8.96
69)	T	hexachlorobutadiene	0.077	0.092	0.117	0.113	0.108	0.116	0.106	13.49
70)	T	naphthalene	0.221	0.180	0.246	0.233	0.228	0.250	0.228	10.13
71)	T	1,2,3-trichlorobenz	0.123	0.101	0.142	0.131	0.130	0.141	0.129	10.37

 (#) = Out of Range ### Number of calibration levels exceeded format ###

524LB300.M

Fri Dec 15 09:59:31 2000



Method Name: C:\HPCHEM\3\METHODS\524LB300.M
Calibration Table Last Updated: Fri Dec 15 09:37:05 2000

Quantitation Report (QT Reviewed)

Data File : D:\DATAFILE\12142000\L1400316.D
 Acq On : 14 Dec 00 10:35 pm
 Sample : mblank
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 16 13:10 19100

Vial: 16
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Quant Results File: 524LB300.RE

Quant Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Initial Calibration
 DataAcq Meth : 524REV2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	946492	2.00	ug/L	0.00
System Monitoring Compounds						
49) 4-bromofluorobenzene (SSTD)	16.35	95	265374	1.98	ug/L	0.00
Spiked Amount	2.000		Recovery	=	99.00%	
64) 1,4-dcb-d4 (SSTD2)	18.29	150	320828	1.62	ug/L	-0.02
Spiked Amount	2.000		Recovery	=	81.00%	
Target Compounds						
10) methylene chloride	7.42	84	213303	0.30	ug/L	99
12) mtbe	7.97	73	24108	0.16	ug/L #	77
34) toluene	13.20	92	37469	0.15	ug/L #	85
70) naphthalene	20.66	128	17545	0.16	ug/L	100

Quantitation Report (QT Reviewed)

Data File : D:\DATAFILE\12142000\L1400317.D
 Acq On : 14 Dec 00 11:14 pm
 Sample : 0.5ppb voc std
 Misc : 121-10-5
 MS Integration Params: RTEINT.P
 Quant Time: Dec 16 13:13 19100

Vial: 17
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Quant Results File: 524LB300.RES

Quant Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Initial Calibration
 DataAcq Meth : 524REV2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	
1) Fluorobenzene	11.07	96	927488	2.00	ug/L	-0.03	
System Monitoring Compounds							
49) 4-bromofluorobenzene (SSTD)	16.34	95	263224	2.00	ug/L	0.00	
Spiked Amount	2.000		Recovery	=	100.00%		
64) 1,4-dcb-d4 (SSTD2)	18.29	150	332599	1.72	ug/L	-0.02	
Spiked Amount	2.000		Recovery	=	86.00%		
Target Compounds							
							Qvalue
2) dichlorodifluoromethane	3.07	85	28041m	0.26	ug/L		83
3) chloromethane	3.47	50	114180	0.53	ug/L		95
4) vinyl chloride	3.71	62	52173	0.41	ug/L		95
5) bromomethane	4.44	96	41805	0.61	ug/L		89
6) chloroethane	4.67	64	29251	0.48	ug/L		98
7) trichlorofluoromethane (fr	5.30	101	28210	0.25	ug/L		85
9) 1,1-dichloroethene	6.44	96	50657	0.45	ug/L		83
10) methylene chloride	7.37	84	236468	0.54	ug/L		99
11) trans-1,2-dichloroethene	7.89	96	68956	0.54	ug/L		88
12) mtbe	7.93	73	43409	0.30	ug/L		96
13) 1,1-dichloroethane	8.58	63	122562	0.52	ug/L		99
16) 2,2-dichloropropane	9.47	77	58108	0.43	ug/L		96
17) cis-1,2-dichloroethene	9.48	96	67199	0.53	ug/L		96
18) bromochloromethane	9.81	128	24535	0.50	ug/L		92
20) chloroform	9.93	83	106749	0.54	ug/L		96
21) 1,1,1-trichloroethane	10.21	97	64900	0.42	ug/L		98
22) carbon tetrachloride	10.46	117	48088	0.36	ug/L		99
23) 1,1-dichloropropene	10.44	75	64019	0.44	ug/L		99
24) benzene	10.72	78	235508	0.53	ug/L		99
25) 1,2-dichloroethane	10.71	62	42334	0.50	ug/L		98
27) trichloroethene	11.56	95	62111	0.52	ug/L		94
28) 1,2-dichloropropane	11.84	63	63375	0.54	ug/L		88
29) dibromomethane	11.99	93	22569	0.49	ug/L		92
30) bromodichloromethane	12.18	83	56312	0.50	ug/L		99
31) cis-1,3-dichloropropene	12.74	75	72358	0.50	ug/L		95
34) toluene	13.18	92	129640	0.52	ug/L		93
35) trans-1,3-dichloropropene	13.41	75	49179	0.50	ug/L		100
36) 1,1,2-trichloroethane	13.65	83	24893	0.51	ug/L		96
37) tetrachloroethene	13.89	166	46125	0.44	ug/L		96
38) 1,3-dichloropropane	13.87	76	50835	0.53	ug/L		100
39) dibromochloromethane	14.16	129	33221	0.45	ug/L		94
40) 1,2-dibromoethane	14.33	107	28812	0.50	ug/L		99
41) chlorobenzene	14.94	112	142953	0.54	ug/L		97
42) 1,1,1,2-tetrachloroethane	15.02	131	46939	0.50	ug/L		95
43) ethylbenzene	15.05	91	238165	0.52	ug/L		96
44) m,p-xylene	15.19	106	176191	1.09	ug/L		90
45) o-xylene	15.70	106	83788	0.54	ug/L		95

47) styrene	15.70	104	132124	0.53 ug/L	97
47) bromoform	15.95	173	14751	0.44 ug/L	79
48) isopropylbenzene	16.14	105	197774	0.49 ug/L	95
50) bromobenzene	16.56	156	50036	0.50 ug/L	97
51) 1,1,2,2-tetrachloroethane	16.47	83	28787	0.49 ug/L	95
52) 1,2,3-trichloropropane	16.55	75	28864	0.58 ug/L	86
53) n-propylbenzene	16.65	91	248187	0.49 ug/L	96
54) 2-chlorotoluene	16.79	91	160396	0.54 ug/L	95
55) 4-chlorotoluene	16.92	91	162024m	0.55 ug/L	39
56) 1,3,5-trimethylbenzene	16.86	105	170017	0.53 ug/L	99
57) tert-butylbenzene	17.28	91	93776	0.49 ug/L	96
58) 1,2,4-trimethylbenzene	17.34	105	169223	0.54 ug/L	98
60) sec-butylbenzene	17.55	105	190701	0.45 ug/L	93
61) 1,3-dichlorobenzene	17.73	146	101612	0.55 ug/L	96
62) 4-isopropyltoluene	17.72	119	166135	0.50 ug/L	97
63) 1,4-dichlorobenzene	17.84	146	96969	0.53 ug/L	94
65) 1,2-dichlorobenzene	18.31	146	83219	0.53 ug/L	94
66) n-butylbenzene	18.24	91	151038	0.48 ug/L	97
68) 1,2,4-trichlorobenzene	20.33	180	41371	0.56 ug/L	97
69) hexachlorobutadiene	20.53	225	20911	0.42 ug/L	100
70) naphthalene	20.66	128	58296	0.55 ug/L	100
71) 1,2,3-trichlorobenzene	20.97	180	33732	0.56 ug/L	98

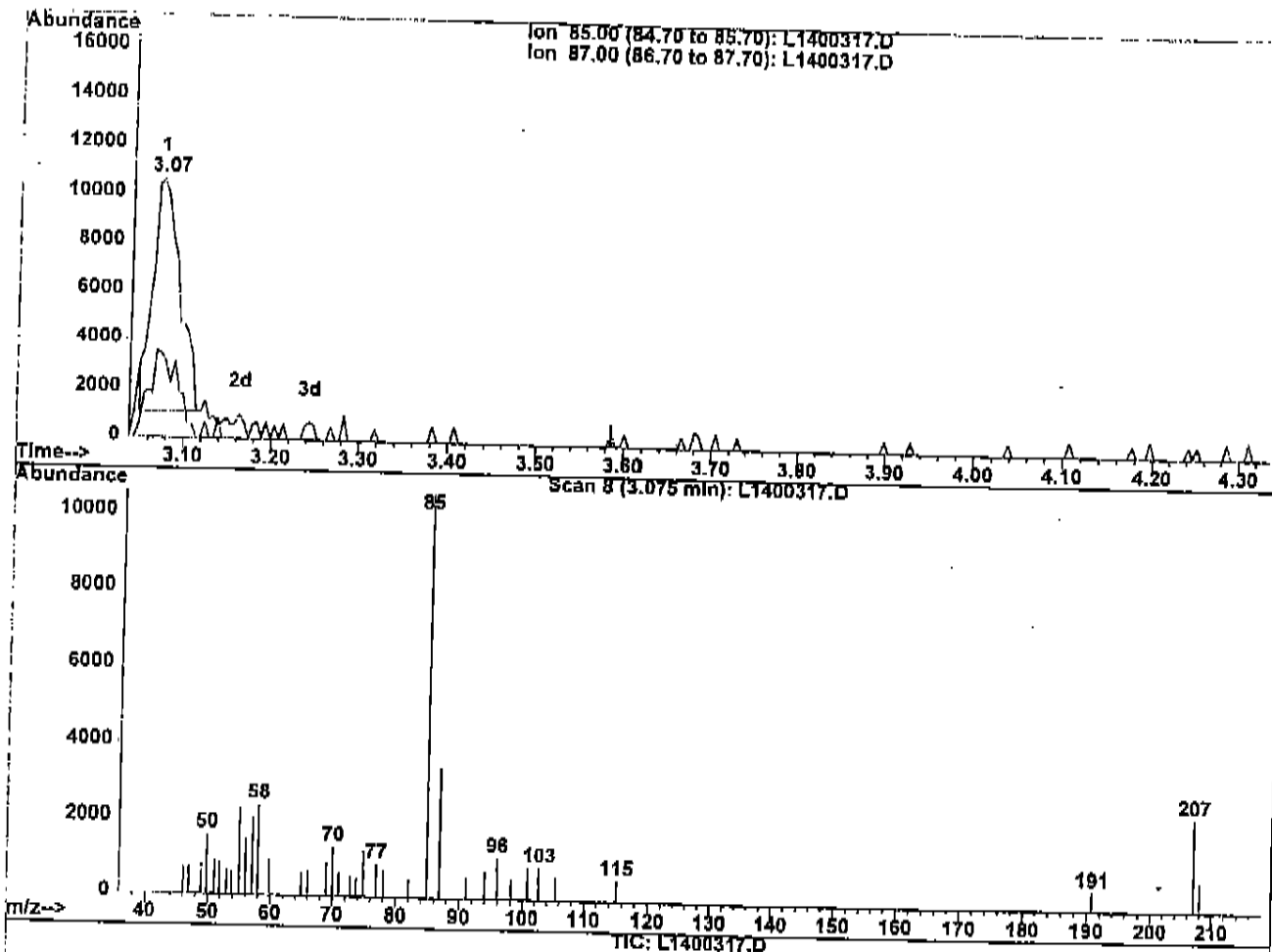
(#) = qualifier out of range (m) = manual integration
L1400317.D 524LB300.M Sat Dec 16 13:13:28 2000

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400317.D
 Acq On : 14 Dec 00 11:14 pm
 Sample : 0.5ppb voc std
 Misc : 121-10-5
 Quant Time: Dec 15 9:41 19100

Vial: 17
 Operator: ricci
 Inst : GCMS 07
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(2) dichlorodifluoromethane (T)

3.07min 0.18ug/L

response 19801

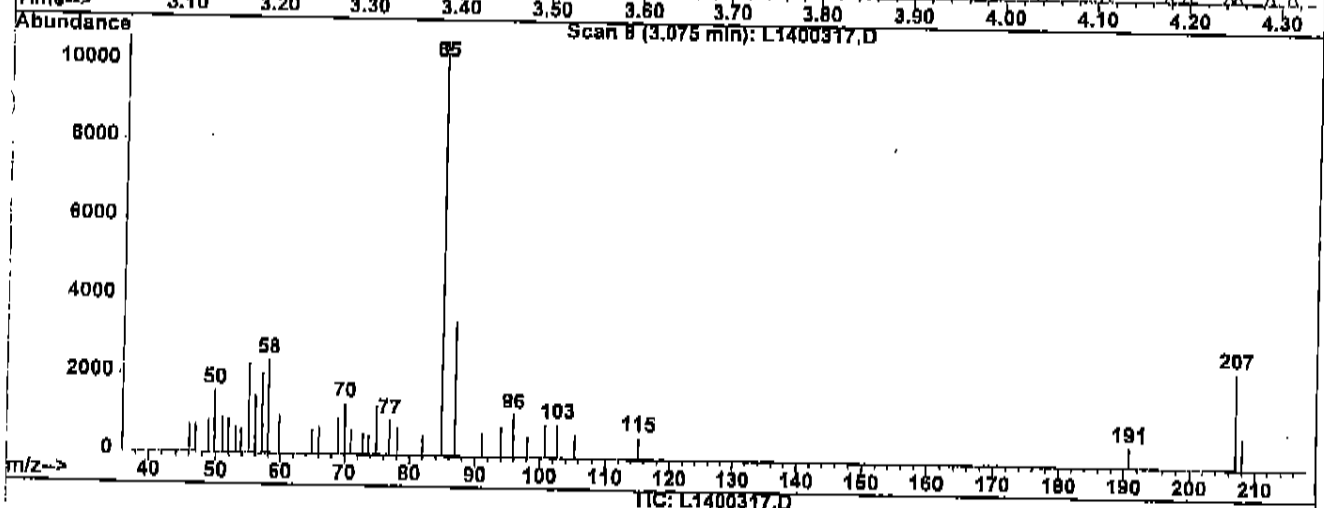
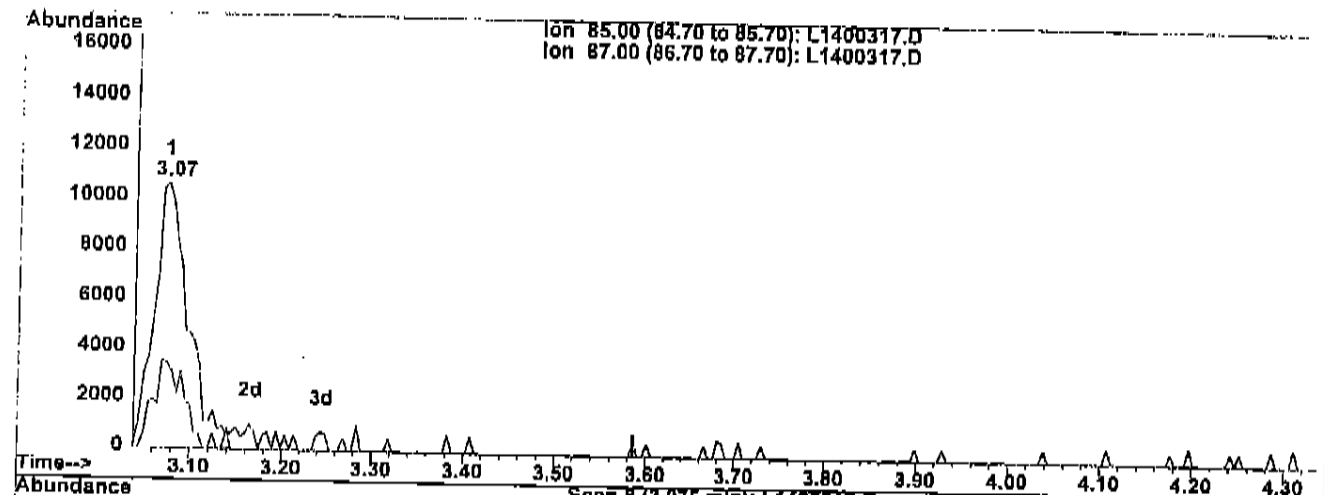
Ion	Exp%	Act%
85.00	100	100
87.00	30.00	39.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400317.D
 Acq On : 14 Dec 00 11:14 pm
 Sample : 0.5ppb voc std
 Misc : 121-10-5
 Quant Time: Dec 16 13:12 19100

Vial: 17
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(2) dichlorodifluoromethane (T)

3.07min 0.26ug/L m

response 28041

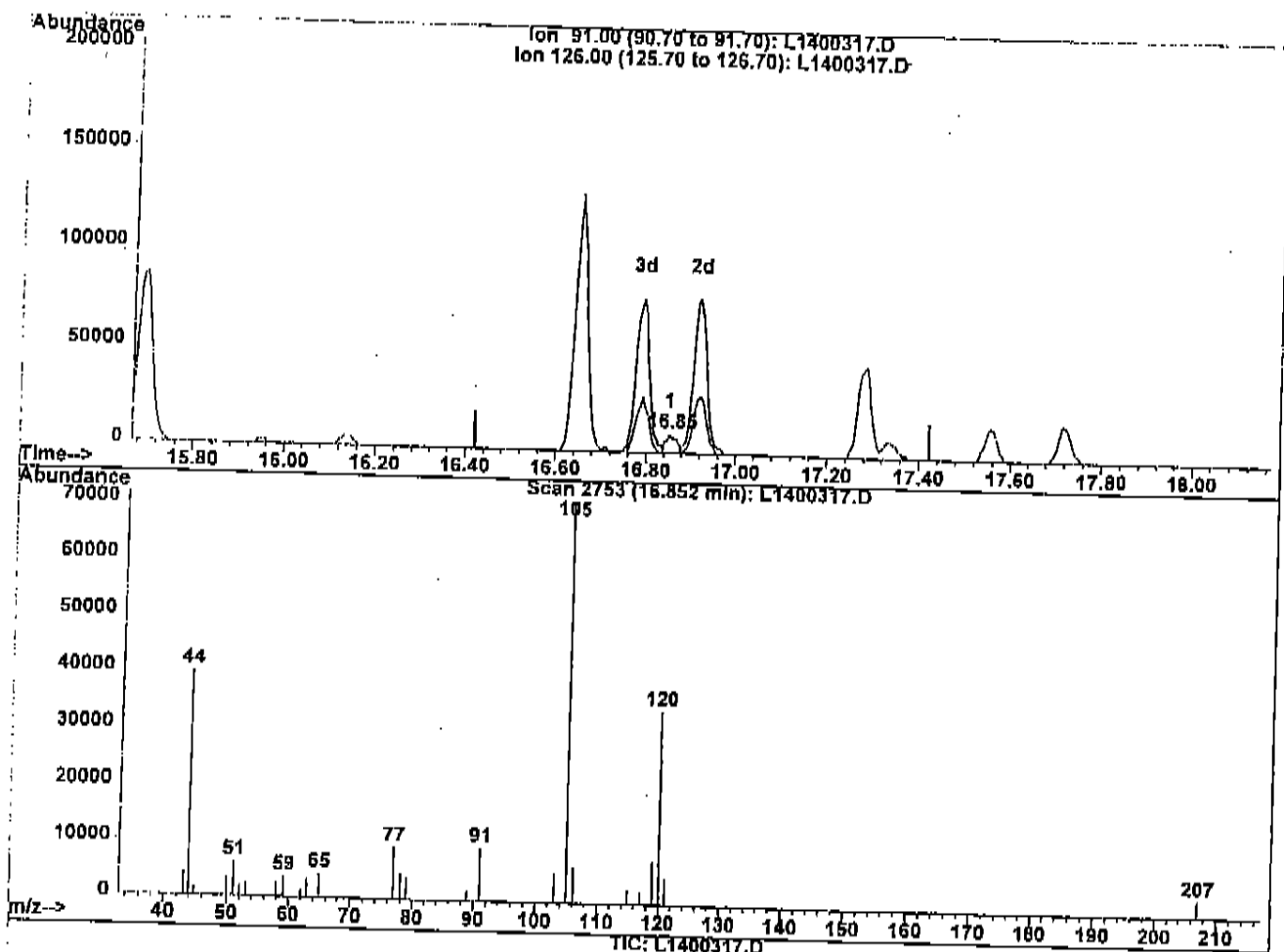
Ion	Exp%	Act%
85.00	100	100
87.00	30.00	27.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400317.D
 Acq On : 14 Dec 00 11:14 pm
 Sample : 0.5ppb voc std
 Misc : 121-10-5
 Quant Time: Dec 16 13:12 19100

Vial: 17
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(55) 4-chlorotoluene (T)

16.85min 0.05ug/L

response 15722

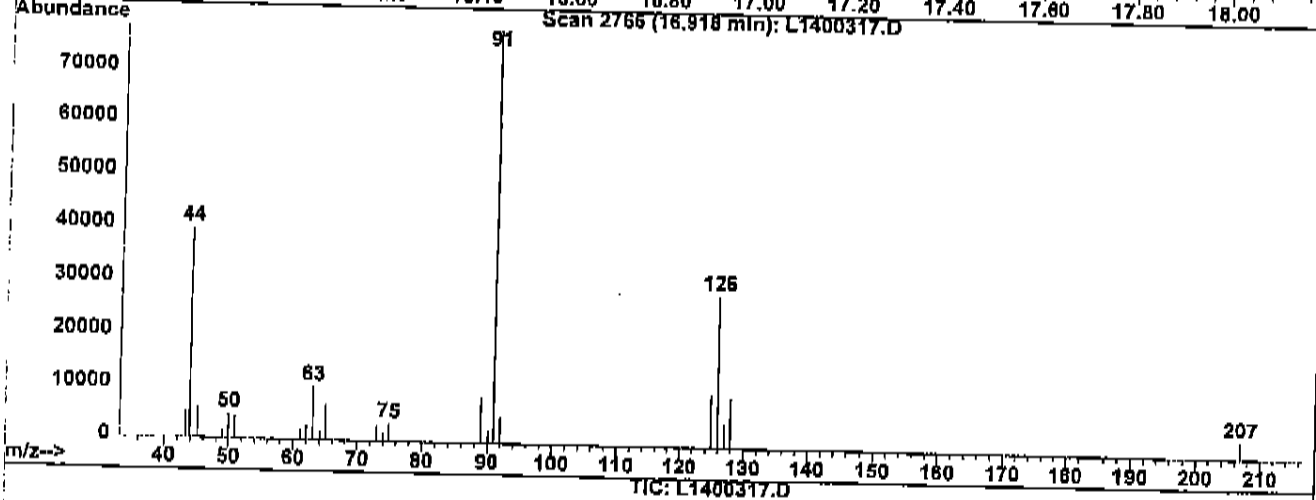
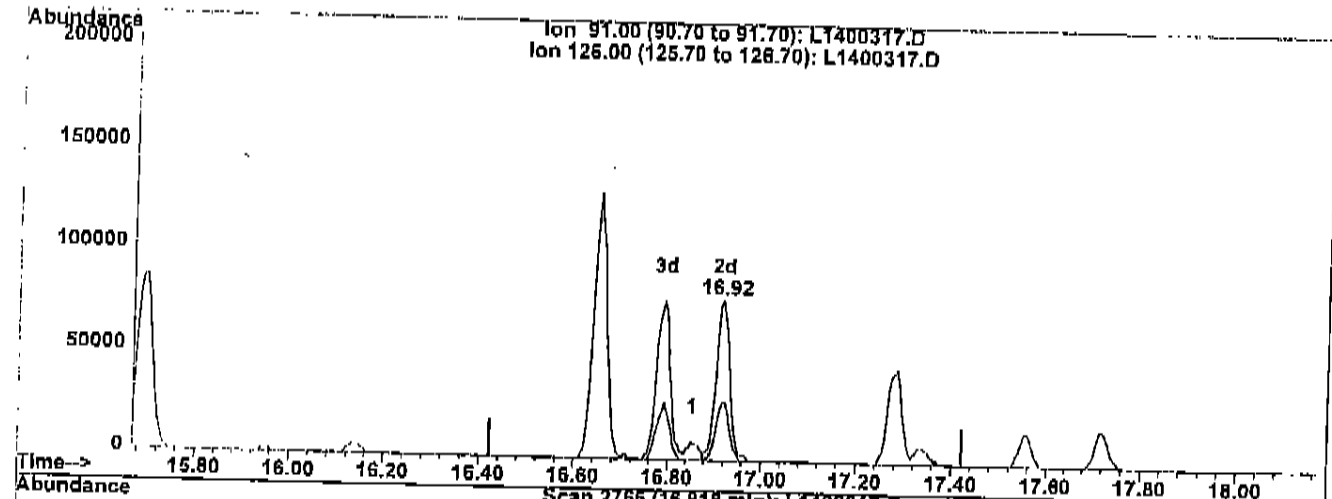
Ion	Exp%	Act%
91.00	100	100
126.00	36.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400317.D
 Acq On : 14 Dec 00 11:14 pm
 Sample : 0.5ppb voc std
 Misc : 121-10-5
 Quant Time: Dec 16 13:13 19100

Vial: 17
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(55) 4-chlorotoluene (T)

16.92min 0.55ug/L m

response 162024

Ion	Exp%	Act%
91.00	100	100
126.00	36.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATAFILE\12142000\L1400318.D
 Acq On : 14 Dec 00 11:54 pm
 Sample : 8ppb voc/mtbe mix
 Misc : 121-10-9
 MS Integration Params: RTEINT.P
 Quant Time: Dec 15 9:41 19100

Vial: 18
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Quant Results File: 524LB300.RES

Quant Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Initial Calibration
 DataAcq Meth : 524REV2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	
1) Fluorobenzene	11.08	96	989353	2.00	ug/L	-0.02	
System Monitoring Compounds							
49) 4-bromofluorobenzene (SSTD)	16.34	95	279206	1.99	ug/L	0.00	
Spiked Amount	2.000		Recovery	=	99.50%		
64) 1,4-dcb-d4 (SSTD2)	18.29	150	468245	2.27	ug/L	-0.02	
Spiked Amount	2.000		Recovery	=	113.50%		
Target Compounds							
							Qvalue
2) dichlorodifluoromethane	3.07	85	922131	8.02	ug/L		97
3) chloromethane	3.48	50	1717767	7.49	ug/L		100
4) vinyl chloride	3.70	62	1088710	8.09	ug/L		98
5) bromomethane	4.44	96	574292	7.90	ug/L		99
6) chloroethane	4.68	64	509165	7.81	ug/L		99
7) trichlorofluoromethane (fr	5.30	101	971972	8.17	ug/L		100
9) 1,1-dichloroethene	6.44	96	962947	7.94	ug/L		96
10) methylene chloride	7.38	84	1166289	7.94	ug/L		99
11) trans-1,2-dichloroethene	7.89	96	1088019	7.94	ug/L		98
12) mtbe	7.92	73	1220017	7.97	ug/L		96
13) 1,1-dichloroethane	8.58	63	1977798	7.94	ug/L		99
16) 2,2-dichloropropane	9.48	77	989800	6.80	ug/L		96
17) cis-1,2-dichloroethene	9.48	96	1059281	7.89	ug/L		98
18) bromochloromethane	9.82	128	423183	8.03	ug/L		99
20) chloroform	9.93	83	1653389	7.85	ug/L		99
21) 1,1,1-trichloroethane	10.22	97	1304036	7.95	ug/L		99
22) carbon tetrachloride	10.45	117	1156955	8.10	ug/L		99
23) 1,1-dichloropropene	10.44	75	1241035	8.00	ug/L		99
24) benzene	10.72	78	3802850	8.09	ug/L		99
25) 1,2-dichloroethane	10.72	62	720126	8.00	ug/L		96
27) trichloroethene	11.57	95	1027728	8.01	ug/L		97
28) 1,2-dichloropropane	11.84	63	1017491	8.08	ug/L		99
29) dibromomethane	12.00	93	391568	8.02	ug/L		96
30) bromodichloromethane	12.18	83	979962	8.13	ug/L		100
31) cis-1,3-dichloropropene	12.74	75	1175999	7.65	ug/L		98
34) toluene	13.19	92	2138318	7.98	ug/L		94
35) trans-1,3-dichloropropene	13.41	75	811944	7.72	ug/L		98
36) 1,1,2-trichloroethane	13.65	83	425244	8.10	ug/L		98
37) tetrachloroethene	13.89	166	900329	8.00	ug/L		96
38) 1,3-dichloropropane	13.87	76	833520	8.16	ug/L		99
39) dibromochloromethane	14.16	129	644906	8.11	ug/L		98
40) 1,2-dibromoethane	14.33	107	505296	8.18	ug/L		99
41) chlorobenzene	14.94	112	2277102	8.07	ug/L		99
42) 1,1,1,2-tetrachloroethane	15.01	131	795082	7.94	ug/L		98
43) ethylbenzene	15.05	91	3903008	8.06	ug/L		97
44) m,p-xylene	15.19	106	2785317	16.09	ug/L		87
45) o-xylene	15.69	106	1358963	8.16	ug/L		99

46)	styrene	15.70	104	2151408	8.15 ug/L	96
47)	bromoform	15.95	173	283930	7.99 ug/L	99
48)	isopropylbenzene	16.14	105	3543711	8.25 ug/L	98
50)	bromobenzene	16.56	156	836870	7.80 ug/L	100
51)	1,1,2,2-tetrachloroethane	16.47	83	491620	7.91 ug/L	99
52)	1,2,3-trichloropropane	16.55	75	411286	7.70 ug/L	99
53)	n-propylbenzene	16.65	91	4522131	8.35 ug/L	94
54)	2-chlorotoluene	16.79	91	2551528	8.03 ug/L	98
55)	4-chlorotoluene	16.92	91	2492904	7.90 ug/L	98
56)	1,3,5-trimethylbenzene	16.86	105	2828799	8.20 ug/L	99
57)	tert-butylbenzene	17.28	91	1662730	8.08 ug/L	97
58)	1,2,4-trimethylbenzene	17.34	105	2733832	8.11 ug/L	100
60)	sec-butylbenzene	17.56	105	3759450	8.35 ug/L	95
61)	1,3-dichlorobenzene	17.73	146	1562589	7.99 ug/L	98
62)	4-isopropyltoluene	17.72	119	2913163	8.22 ug/L	97
63)	1,4-dichlorobenzene	17.83	146	1566651	7.97 ug/L	98
65)	1,2-dichlorobenzene	18.32	146	1327605	7.95 ug/L	98
66)	n-butylbenzene	18.24	91	2794505	8.31 ug/L	96
67)	1,2-dibromo-3-chloropropan	19.27	75	63578	7.72 ug/L	80
68)	1,2,4-trichlorobenzene	20.33	180	648178	8.19 ug/L	100
69)	hexachlorobutadiene	20.53	225	435888	8.29 ug/L	100
70)	naphthalene	20.65	128	911778	8.08 ug/L	100
71)	1,2,3-trichlorobenzene	20.97	180	521860	8.18 ug/L	99

(#) = qualifier out of range (m) = manual integration
L1400318.D 524LB300.M Sat Dec 16 13:15:06 2000

Evaluate Continuing Calibration Report

Data File : D:\DATAFILE\12142000\L1400318.D
 Acq On : 14 Dec 00 11:54 pm
 Sample : 8ppb voc/mtbe mix
 Misc : 121-10-9
 MS Integration Params: RTEINT.P

Vial: 18
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev (min)
1 I Fluorobenzene	1.000	1.000	0.0	99	-0.02
2 T dichlorodifluoromethane	0.233	0.233	0.0	93	-0.01
3 TP chloromethane	0.464	0.434	6.5	95	0.00
4 TC vinyl chloride	0.272	0.275	-1.1	98	-0.02
5 T bromomethane	0.147	0.145	1.4	103	-0.03
6 T chloroethane	0.132	0.129	2.3	96	-0.03
7 T trichlorofluoromethane (fre	0.240	0.246	-2.5	95	-0.04
8 T Freon 113	0.000				
9 TCM 1,1-dichloroethene	0.245	0.243	0.8	97	-0.03
10 T methylene chloride	0.344	0.295	14.2	102	-0.03
11 T trans-1,2-dichloroethene	0.277	0.275	0.7	99	-0.03
12 T mtbe	0.310	0.308	0.6	100	-0.03
13 TP 1,1-dichloroethane	0.504	0.500	0.8	98	-0.03
14 T etbe (ethyl-t-butyl ether)	0.000				
15 T 2-Butanone (MEK)	0.000				
16 T 2,2-dichloropropane	0.294	0.250	15.0	83	-0.03
17 T cis-1,2-dichloroethene	0.271	0.268	1.1	99	-0.02
18 T bromochloromethane	0.107	0.107	0.0	100	-0.02
19 T tetrahydrofuran	0.000				
20 TC chloroform	0.426	0.418	1.9	100	-0.03
21 T 1,1,1-trichloroethane	0.332	0.330	0.6	97	-0.02
22 T carbon tetrachloride	0.289	0.292	-1.0	97	-0.03
23 T 1,1-dichloropropene	0.314	0.314	0.0	98	-0.02
24 TM benzene	0.950	0.961	-1.2	99	-0.02
25 T 1,2-dichloroethane	0.182	0.182	0.0	99	-0.03
26 T TAME (tert amylmethylether)	0.000				
27 TM trichloroethene	0.259	0.260	-0.4	99	-0.01
28 TC 1,2-dichloropropane	0.255	0.257	-0.8	100	-0.02
29 T dibromomethane	0.099	0.099	0.0	100	-0.01
30 T bromodichloromethane	0.244	0.248	-1.6	100	-0.01
31 T cis-1,3-dichloropropene	0.311	0.297	4.5	95	-0.01
32 T 4-Methyl-2-pentanone (MiBk)	0.000				
33 T 2-chloroethylvinyl Ether	0.000				
34 TMC toluene	0.541	0.540	0.2	99	-0.01
35 T trans-1,3-dichloropropene	0.213	0.205	3.8	95	-0.01
36 T 1,1,2-trichloroethane	0.106	0.107	-0.9	99	0.00
37 T tetrachloroethene	0.227	0.228	-0.4	97	0.00
38 T 1,3-dichloropropane	0.207	0.211	-1.9	100	0.00
39 T dibromochloromethane	0.161	0.163	-1.2	98	0.00
40 T 1,2-dibromoethane	0.125	0.128	-2.4	100	0.00
41 TPM chlorobenzene	0.571	0.575	-0.7	101	0.00
42 T 1,1,1,2-tetrachloroethane	0.202	0.201	0.5	99	-0.01
43 TC ethylbenzene	0.979	0.986	-0.7	98	0.00
44 T m,p-xylene	0.350	0.352	-0.6	99	0.00
45 T o-xylene	0.336	0.343	-2.1	101	0.00

46	T	styrene	0.534	0.544	-1.9	99	0.00
47	TP	bromoform	0.072	0.072	0.0	100	0.00
48	T	isopropylbenzene	0.868	0.895	-3.1	99	0.00
49	SCP	4-bromofluorobenzene (SSTD1	0.284	0.282	0.7	103	0.00
50	T	bromobenzene	0.217	0.211	2.8	98	0.00
51	TP	1,1,2,2-tetrachloroethane	0.126	0.124	1.6	99	0.00
52	T	1,2,3-trichloropropane	0.108	0.104	3.7	99	0.00
53	T	n-propylbenzene	1.094	1.143	-4.5	99	0.00
54	T	2-chlorotoluene	0.642	0.645	-0.5	101	0.00
55	T	4-chlorotoluene	0.638	0.630	1.3	99	0.00
56	T	1,3,5-trimethylbenzene	0.698	0.715	-2.4	101	0.00
57	T	tert-butylbenzene	0.416	0.420	-1.0	97	0.00
58	T	1,2,4-trimethylbenzene	0.682	0.691	-1.3	100	0.00
59	T	bis(2-Chloroethyl) ether	0.000				
60	T	sec-butylbenzene	0.910	0.950	-4.4	99	0.00
61	T	1,3-dichlorobenzene	0.395	0.395	0.0	99	0.00
62	T	4-isopropyltoluene	0.717	0.736	-2.6	98	0.00
63	T	1,4-dichlorobenzene	0.398	0.396	0.5	100	0.00
64	SCP	1,4-dcb-d4 (SSTD2)	0.417	0.473	-13.4	103	-0.02
65	T	1,2-dichlorobenzene	0.338	0.335	0.9	100	0.00
66	T	n-butylbenzene	0.680	0.706	-3.8	99	0.00
67	T	1,2-dibromo-3-chloropropane	0.017	0.016	5.9	97	0.00
68	T	1,2,4-trichlorobenzene	0.160	0.164	-2.5	104	0.00
69	T	hexachlorobutadiene	0.106	0.110	-3.8	101	0.00
70	T	naphthalene	0.228	0.230	-0.9	100	0.00
71	T	1,2,3-trichlorobenzene	0.129	0.132	-2.3	101	0.00

L1400309.D 524LB300.M

Sat Dec 16 13:15:31 2000

Sample Multiplier 1
 Sample Name 8ppb voc/mtbe mix
 Data File Name L1400318.D
 Operator ricci
 Instrument Name GCMS 03
 Date Acquired 12/14/00 23:54

Name	Amount	Units	Spk. Amt.	% Drift
dichlorodifluoromethane	8.02	ug/L	8	0.21%
chloromethane	7.49	ug/L	8	6.43%
vinyl chloride	8.09	ug/L	8	1.11%
bromomethane	7.90	ug/L	8	1.20%
chloroethane	7.81	ug/L	8	2.33%
trichlorofluoromethane (freon 11)	8.17	ug/L	8	2.19%
Freon 113				
1,1-dichloroethene	7.94	ug/L	8	0.70%
methylene chloride	7.94	ug/L	8	0.80%
trans-1,2-dichloroethene	7.94	ug/L	8	0.78%
mtbe	7.97	ug/L	8	0.42%
1,1-dichloroethane	7.94	ug/L	8	0.80%
etbe (ethyl-t-butyl ether)				
2-Butanone(MEK)				
2,2-dichloropropane	6.80	ug/L	8	14.97%
cis-1,2-dichloroethene	7.89	ug/L	8	1.36%
bromochloromethane	8.03	ug/L	8	0.38%
tetrahydrofuran				
chloroform	7.85	ug/L	8	1.84%
1,1,1-trichloroethane	7.95	ug/L	8	0.66%
carbon tetrachloride	8.10	ug/L	8	1.24%
1,1-dichloropropene	8.00	ug/L	8	0.03%
benzene	8.09	ug/L	8	1.18%
1,2-dichloroethane	8.00	ug/L	8	0.01%
TAME(tert amylmethylether)				
trichloroethene	8.01	ug/L	8	0.12%
1,2-dichloropropane	8.08	ug/L	8	1.00%
dibromomethane	8.02	ug/L	8	0.20%
bromodichloromethane	8.13	ug/L	8	1.67%
cis-1,3-dichloropropene	7.65	ug/L	8	4.31%
4-Methyl-2-pentanone (MiBK)				
2-chloroethylvinyl Ether				
toluene	7.98	ug/L	8	0.19%
trans-1,3-dichloropropene	7.72	ug/L	8	3.54%
1,1,2-trichloroethane	8.10	ug/L	8	1.22%

tetrachloroethene	8.00	ug/L	8	0.02%
1,3-dichloropropane	8.16	ug/L	8	1.97%
dibromochloromethane	8.11	ug/L	8	1.34%
1,2-dibromoethane	8.18	ug/L	8	2.22%
chlorobenzene	8.07	ug/L	8	0.82%
1,1,1,2-tetrachloroethane	7.94	ug/L	8	0.76%
ethylbenzene	8.06	ug/L	8	0.78%
m,p-xylene	16.09	ug/L	16	0.53%
o-xylene	8.16	ug/L	8	2.05%
styrene	8.15	ug/L	8	1.89%
bromoform	7.99	ug/L	8	0.13%
isopropylbenzene	8.25	ug/L	8	3.13%
4-bromofluorobenzene (SSTD1)	1.99	ug/L	2	0.53%
bromobenzene	7.80	ug/L	8	2.52%
1,1,2,2-tetrachloroethane	7.91	ug/L	8	1.14%
1,2,3-trichloropropane	7.70	ug/L	8	3.71%
n-propylbenzene	8.35	ug/L	8	4.41%
2-chlorotoluene	8.03	ug/L	8	0.37%
4-chlorotoluene	7.90	ug/L	8	1.27%
1,3,5-trimethylbenzene	8.20	ug/L	8	2.48%
tert-butylbenzene	8.08	ug/L	8	0.95%
1,2,4-trimethylbenzene	8.11	ug/L	8	1.36%
bis(2-Chloroethyl) ether				
sec-butylbenzene	8.35	ug/L	8	4.35%
1,3-dichlorobenzene	7.99	ug/L	8	0.09%
4-isopropyltoluene	8.22	ug/L	8	2.70%
1,4-dichlorobenzene	7.97	ug/L	8	0.41%
1,4-dcb-d4 (SSTD2)	2.27	ug/L	2	13.40%
1,2-dichlorobenzene	7.95	ug/L	8	0.69%
n-butylbenzene	8.31	ug/L	8	3.86%
1,2-dibromo-3-chloropropane	7.72	ug/L	8	3.53%
1,2,4-trichlorobenzene	8.19	ug/L	8	2.40%

Combined Ave % Drift 1.77%

Quantitation Report

(QT Reviewed)

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 MS Integration Params: RTEINT.P
 Quant Time: Dec 16 13:17 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Quant Results File: 524LB300.RES

Quant Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000.
 Response via : Initial Calibration
 DataAcq Meth : 524REV2

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) Fluorobenzene	11.07	96	954157	2.00	ug/L	-0.03	
System Monitoring Compounds							
49) 4-bromofluorobenzene (SSTD)	16.34	95	268187	1.98	ug/L	0.00	
Spiked Amount	2.000		Recovery	=	99.00%		
64) 1,4-dcb-d4 (SSTD2)	18.29	150	453757	2.28	ug/L	-0.02	
Spiked Amount	2.000		Recovery	=	114.00%		
Target Compounds							
							Qvalue
2) dichlorodifluoromethane	3.08	85	817148	7.37	ug/L		97
3) chloromethane	3.47	50	1629318	7.36	ug/L		99
4) vinyl chloride	3.70	62	1029361	7.93	ug/L		97
5) bromomethane	4.43	96	564801	8.06	ug/L		99
6) chloroethane	4.68	64	479111	7.62	ug/L		99
7) trichlorofluoromethane (fr	5.30	101	904762	7.89	ug/L		99
9) 1,1-dichloroethene	6.43	96	893015	7.64	ug/L		98
10) methylene chloride	7.37	84	1129840	7.98	ug/L		99
11) trans-1,2-dichloroethene	7.88	96	1032459	7.81	ug/L		98
13) 1,1-dichloroethane	8.57	63	1870839	7.78	ug/L		100
16) 2,2-dichloropropane	9.47	77	944249	6.73	ug/L		96
17) cis-1,2-dichloroethene	9.47	96	1012677	7.82	ug/L		96
18) bromochloromethane	9.81	128	400703	7.88	ug/L		99
20) chloroform	9.92	83	1529567	7.53	ug/L		98
21) 1,1,1-trichloroethane	10.21	97	1235453	7.81	ug/L		99
22) carbon tetrachloride	10.45	117	1091111	7.92	ug/L		97
23) 1,1-dichloropropene	10.44	75	1195687	7.99	ug/L		99
24) benzene	10.72	78	3540604	7.81	ug/L		99
25) 1,2-dichloroethane	10.72	62	665811	7.67	ug/L		98
27) trichloroethene	11.56	95	976935	7.89	ug/L		97
28) 1,2-dichloropropane	11.84	63	945012	7.78	ug/L		99
29) dibromomethane	12.00	93	371818	7.89	ug/L		96
30) bromodichloromethane	12.18	83	920789	7.92	ug/L		98
31) cis-1,3-dichloropropene	12.74	75	1113839	7.52	ug/L		99
34) toluene	13.19	92	2038633	7.89	ug/L		95
35) trans-1,3-dichloropropene	13.41	75	767427	7.56	ug/L		97
36) 1,1,2-trichloroethane	13.64	83	400336	7.90	ug/L		99
37) tetrachloroethene	13.89	166	840401	7.74	ug/L		96
38) 1,3-dichloropropane	13.86	76	776459	7.88	ug/L		99
39) dibromochloromethane	14.16	129	603987	7.87	ug/L		99
40) 1,2-dibromoethane	14.32	107	482618	8.10	ug/L		99
41) chlorobenzene	14.94	112	2117834	7.78	ug/L		99
42) 1,1,1,2-tetrachloroethane	15.01	131	752610	7.79	ug/L		99
43) ethylbenzene	15.05	91	3716903	7.96	ug/L		97
44) m,p-xylene	15.19	106	2635501	15.78	ug/L		85
45) o-xylene	15.70	106	1269051	7.91	ug/L		99
46) styrene	15.70	104	2010458	7.90	ug/L		97

47)	bromoform	15.95	173	262695	7.66 ug/L	99
48)	isopropylbenzene	16.14	105	3326610	8.03 ug/L	98
50)	bromobenzene	16.56	156	798093	7.71 ug/L	99
51)	1,1,2,2-tetrachloroethane	16.47	83	464248	7.74 ug/L	100
52)	1,2,3-trichloropropane	16.55	75	391132	7.60 ug/L	99
3)	n-propylbenzene	16.65	91	4242161	8.13 ug/L	93
4)	2-chlorotoluene	16.79	91	2401111	7.83 ug/L	97
55)	4-chlorotoluene	16.92	91	2373508m	7.80 ug/L	43
56)	1,3,5-trimethylbenzene	16.86	105	2653781	7.97 ug/L	99
57)	tert-butylbenzene	17.28	91	1586784	7.99 ug/L	98
58)	1,2,4-trimethylbenzene	17.33	105	2604715	8.01 ug/L	98
60)	sec-butylbenzene	17.56	105	3529905	8.13 ug/L	95
61)	1,3-dichlorobenzene	17.73	146	1480592	7.85 ug/L	97
62)	4-isopropyltoluene	17.72	119	2774498m	8.11 ug/L	86
63)	1,4-dichlorobenzene	17.83	146	1470191	7.75 ug/L	99
65)	1,2-dichlorobenzene	18.31	146	1246112	7.73 ug/L	98
66)	n-butylbenzene	18.24	91	2609267	8.04 ug/L	97
67)	1,2-dibromo-3-chloropropan	19.27	75	59149m	7.44 ug/L	90
68)	1,2,4-trichlorobenzene	20.33	180	591017	7.75 ug/L	97
69)	hexachlorobutadiene	20.53	225	409080	8.06 ug/L	100
70)	naphthalene	20.65	128	886925	8.15 ug/L	100
71)	1,2,3-trichlorobenzene	20.97	180	491063	7.98 ug/L	98

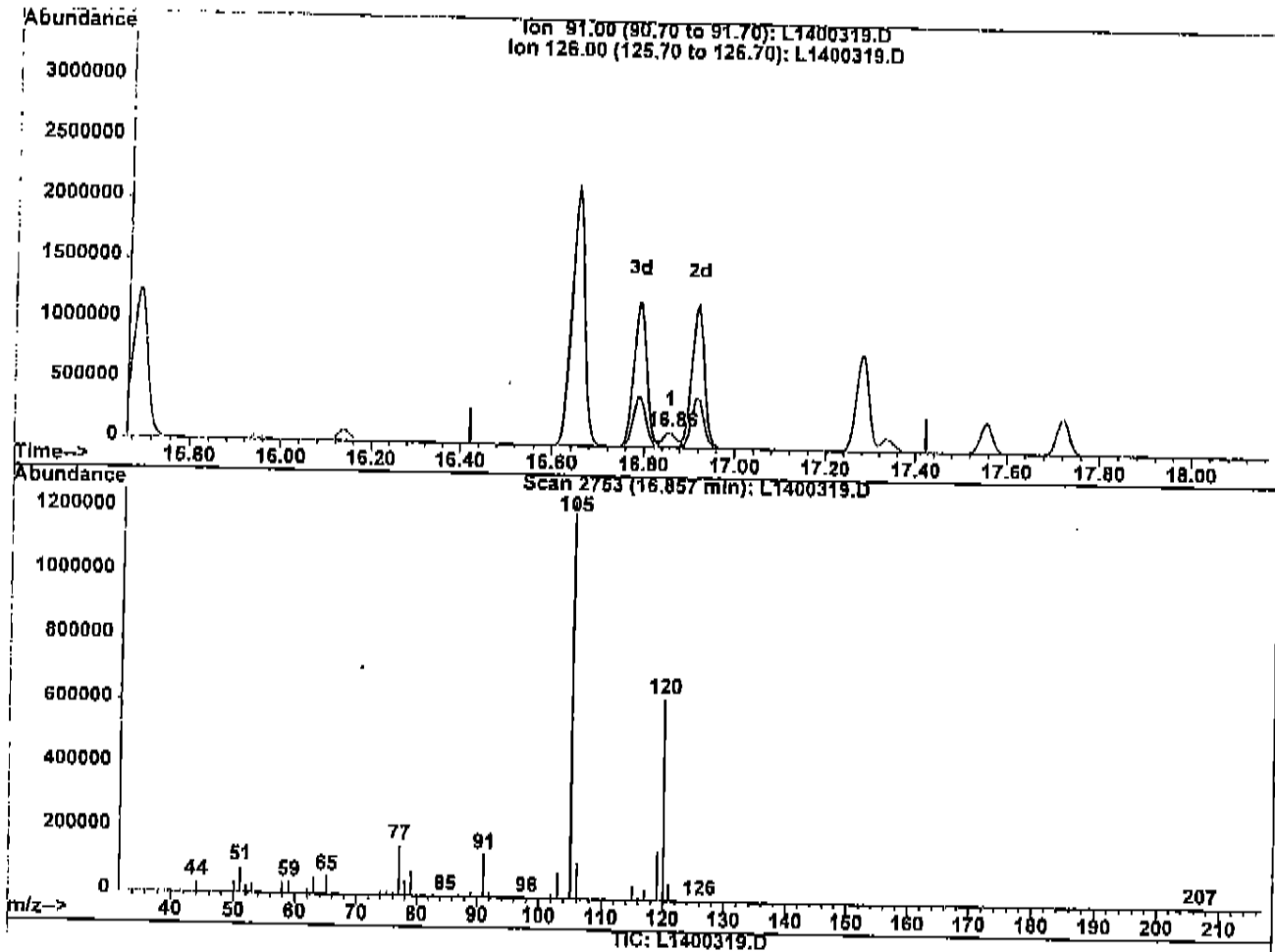
(#) = qualifier out of range (m) = manual integration
L1400319.D 524LB300.M Sat Dec 16 13:18:03 2000

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 Quant Time: Dec 16 13:17 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(55) 4-chlorotoluene (T)

16.86min 0.88ug/L

response 267733

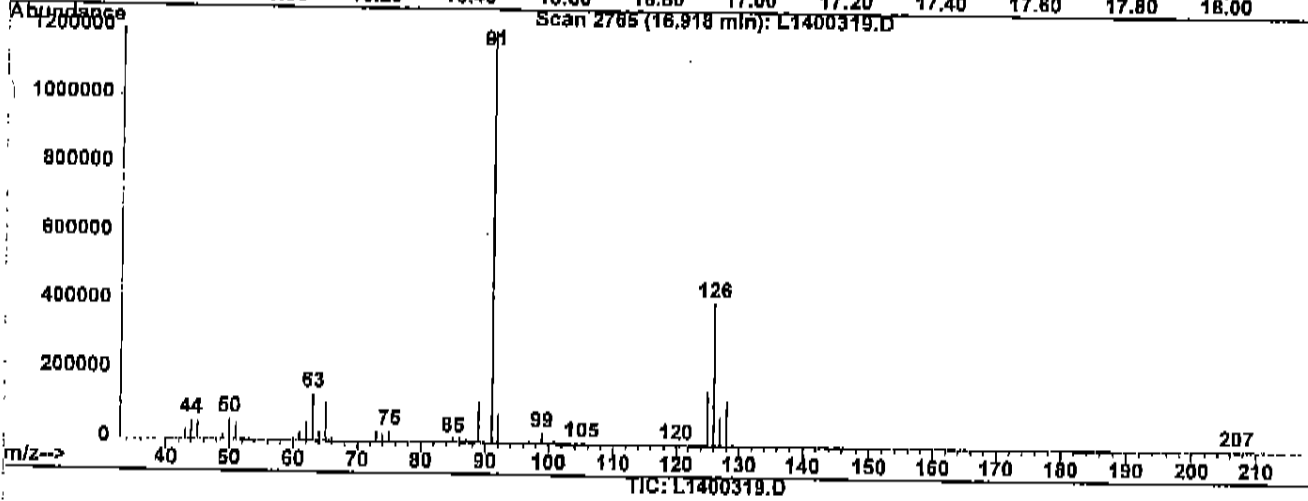
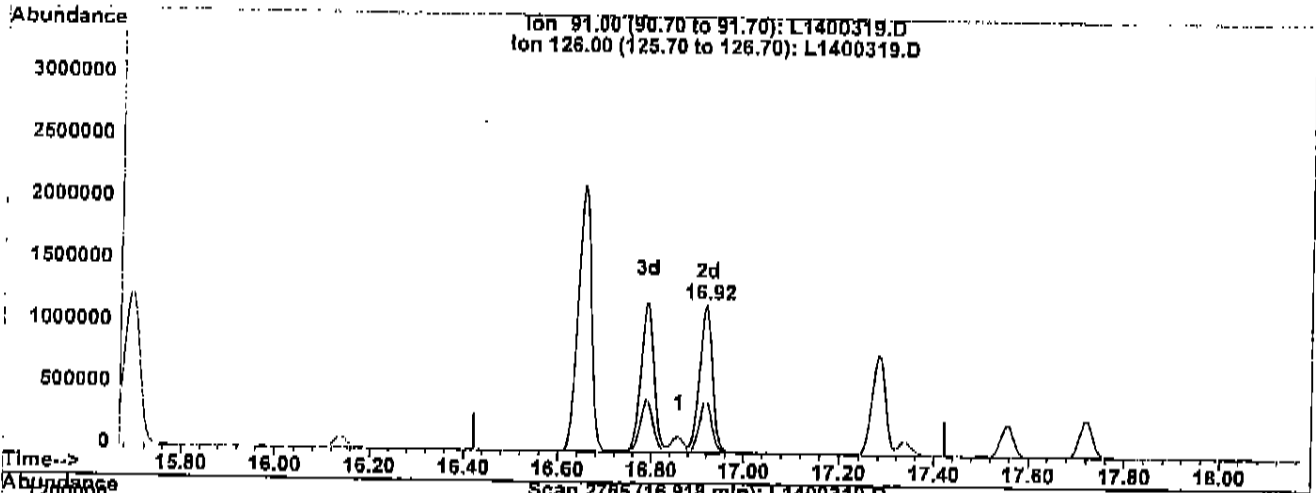
Ion	Exp%	Act%
91.00	100	100
126.00	38.00	2.59#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 Quant Time: Dec 16 13:17 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(55) 4-chlorotoluene (T)

16.92min 7.80ug/L m

response 2373508

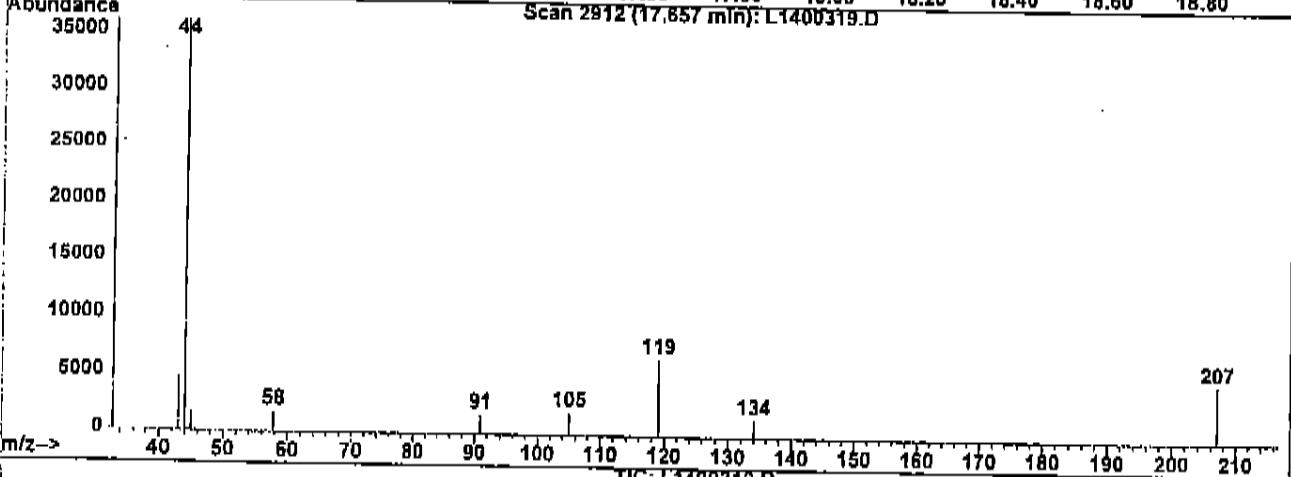
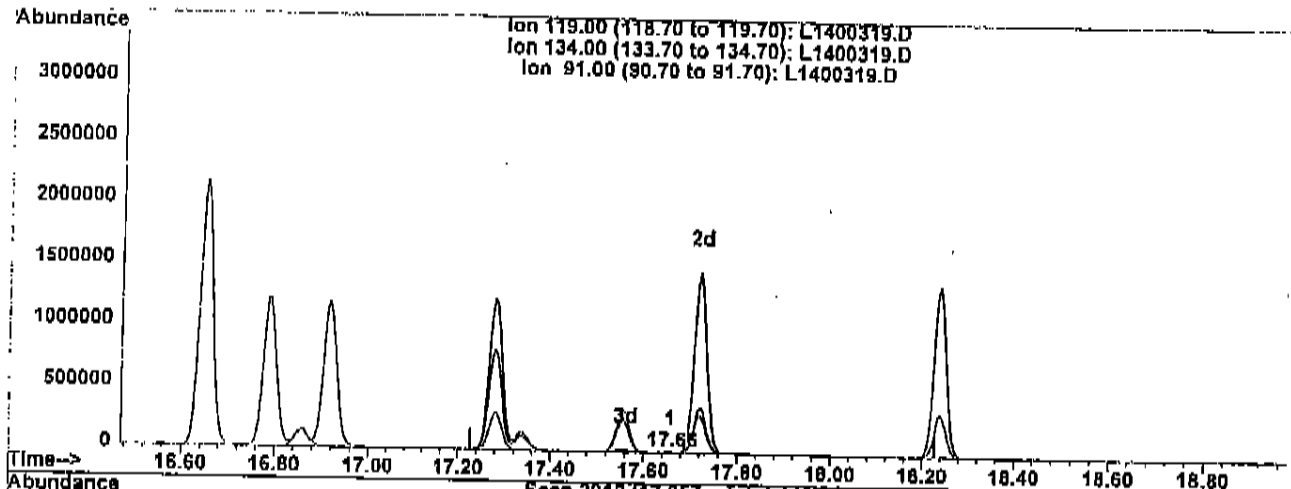
Ion	Exp%	Act%
91.00	100	100
126.00	36.00	0.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 Quant Time: Dec 16 13:16 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.1.es

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(62) 4-isopropyltoluene (T)

17.66min 0.04ug/L

response 12504

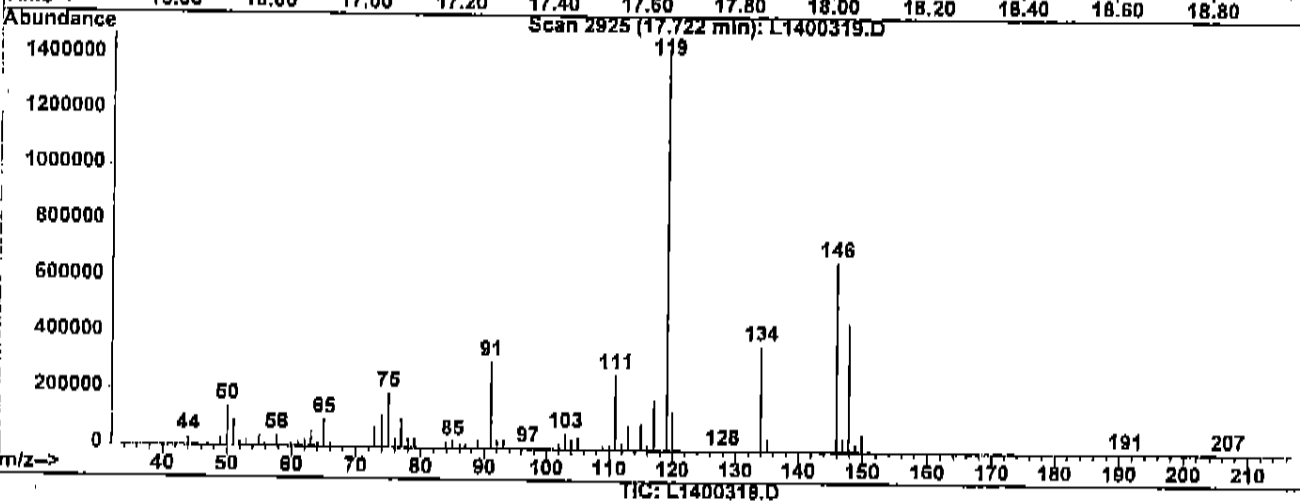
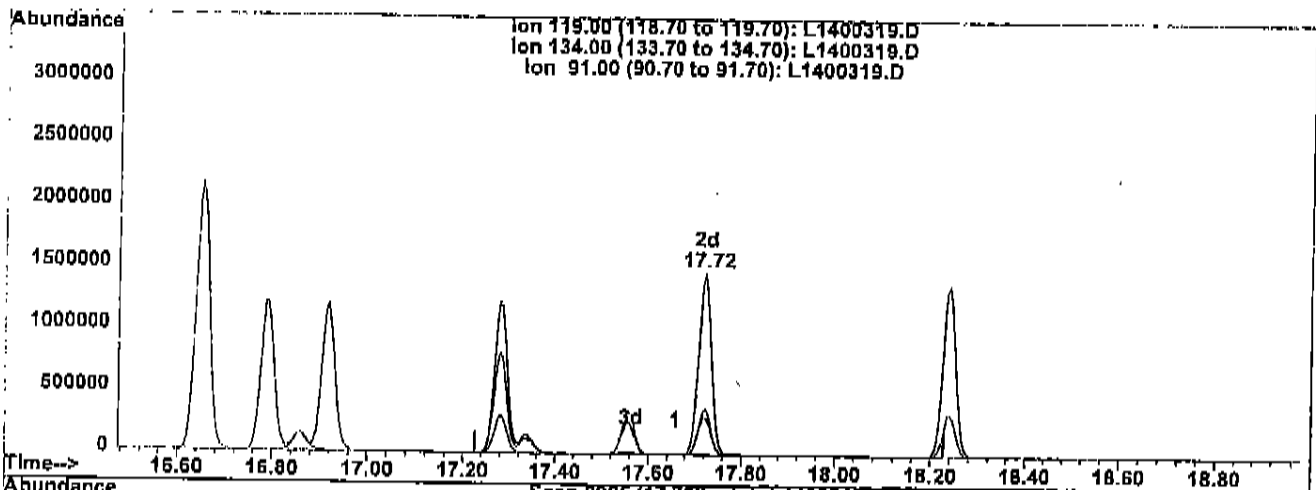
Ion	Exp%	Act%
119.00	100	100
134.00	27.00	23.56
91.00	23.00	12.34
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 Quant Time: Dec 16 13:16 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(62) 4-Isopropyltoluene (T)

17.72min 8.11ug/L m

response 2774498

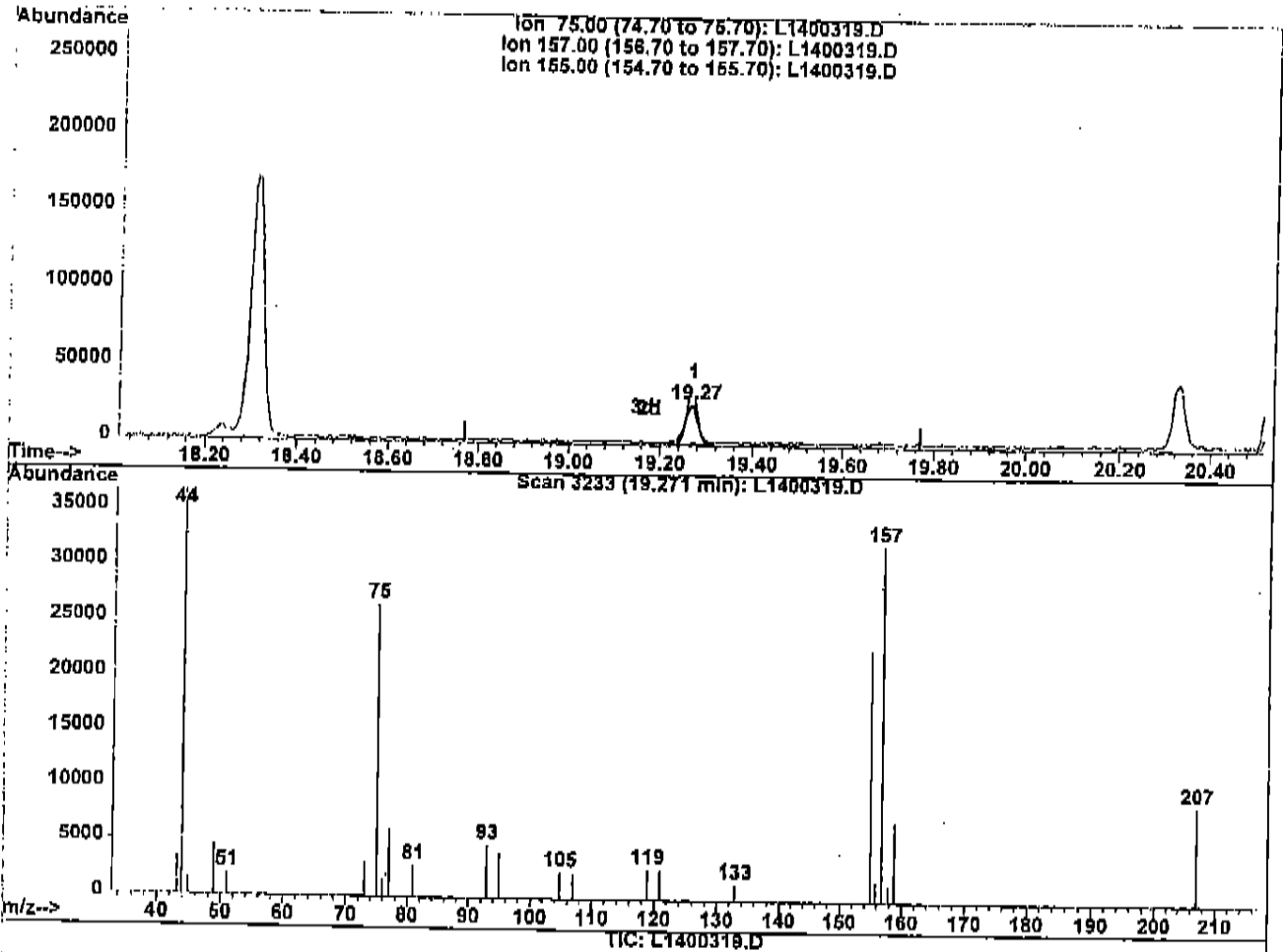
Ion	Exp%	Act%
119.00	100	100
134.00	27.00	0.11#
91.00	23.00	0.06#
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 Quant Time: Dec 16 13:16 19100

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration



(67) 1,2-dibromo-3-chloropropane (T)

19.27min 6.70ug/L

response 53271

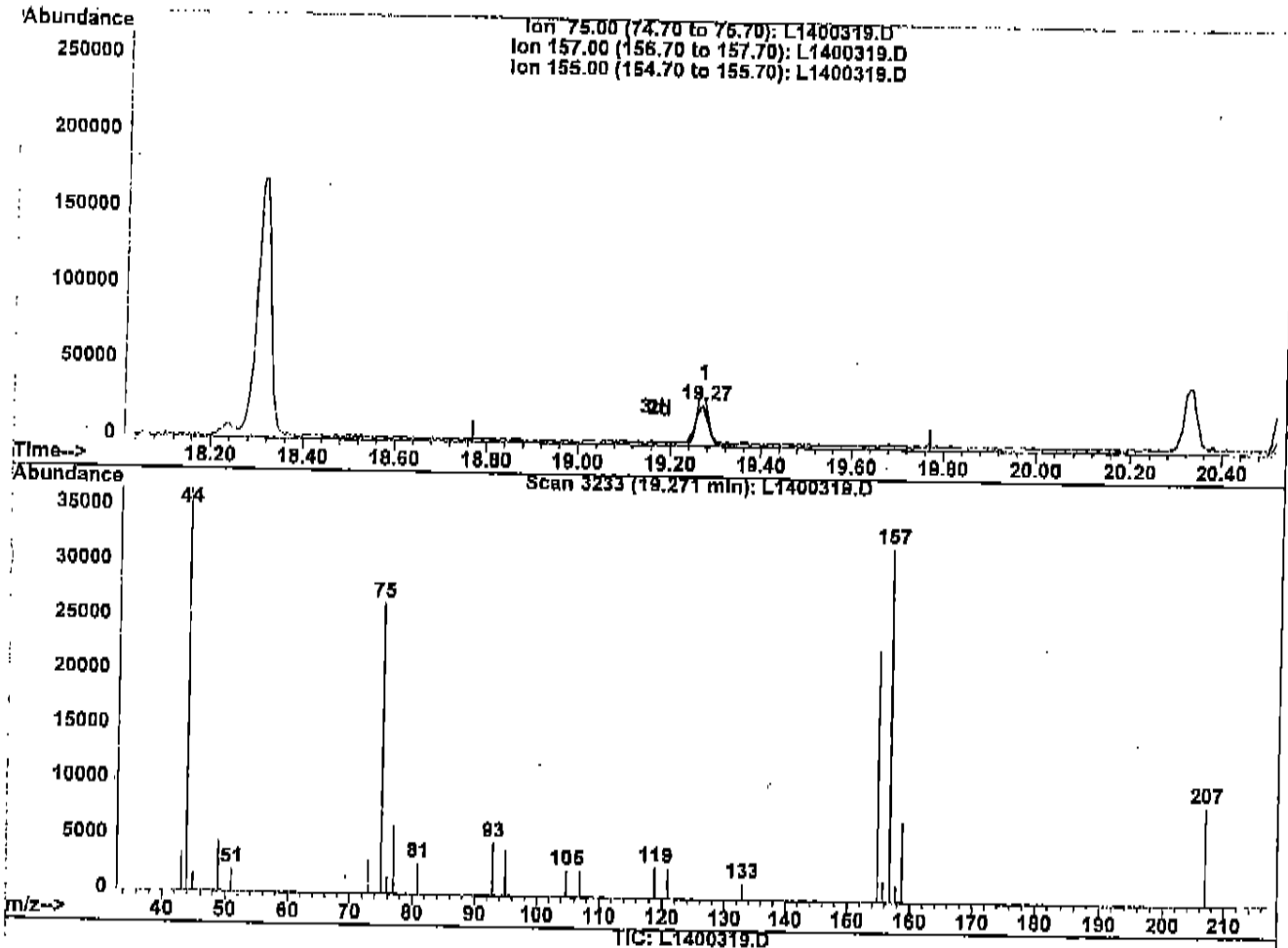
Ion	Exp%	Act%
75.00	100	100
157.00	128.00	119.75
155.00	100.00	87.02
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400319.D
Acq On : 15 Dec 00 12:34 am
Sample : 8ppb cal ver
Misc : 121-11-4
Quant Time: Dec 16 13:17 19100

Vial: 19
Operator: ricci
Inst : GCMS 03
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
Title : GC/MS #3 epa524.2 12/14/2000
Last Update : Fri Dec 15 09:37:05 2000
Response via : Multiple Level Calibration



(67) 1,2-dibromo-3-chloropropane (T)

19.27min 7.44ug/L m

response 69149

Ion	Exp%	Act%
75.00	100	100
157.00	128.00	107.85#
155.00	100.00	78.37#
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : D:\DATAFILE\12142000\L1400319.D
 Acq On : 15 Dec 00 12:34 am
 Sample : 8ppb cal ver
 Misc : 121-11-4
 MS Integration Params: RTEINT.P

Vial: 19
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Method : C:\HPCHEM\3\METHODS\524LB300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/14/2000
 Last Update : Fri Dec 15 09:37:05 2000
 Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	96	-0.03
2 T	dichlorodifluoromethane	0.233	0.214	8.2	83	0.00
3 TP	chloromethane	0.464	0.427	8.0	90	-0.01
4 TC	vinyl chloride	0.272	0.270	0.7	93	-0.02
5 T	bromomethane	0.147	0.148	-0.7	101	-0.03
6 T	chloroethane	0.132	0.126	4.5	90	-0.03
7 T	trichlorofluoromethane (fre	0.240	0.237	1.3	89	-0.04
8 T	Freon 113	0.000				
9 TCM	1,1-dichloroethene	0.245	0.234	4.5	90	-0.05
10 T	methylene chloride	0.344	0.296	14.0	98	-0.04
11 T	trans-1,2-dichloroethene	0.277	0.271	2.2	94	-0.04
12 T	mtbe	0.310				
13 TP	1,1-dichloroethane	0.504	0.490	2.8	93	-0.04
14 T	etbe (ethyl-t-butyl ether)	0.000				
15 T	2-Butanone (MEK)	0.000				
16 T	2,2-dichloropropane	0.294	0.247	16.0	80	-0.04
17 T	cis-1,2-dichloroethene	0.271	0.265	2.2	95	-0.03
18 T	bromochloromethane	0.107	0.105	1.9	94	-0.03
19 T	tetrahydrofuran	0.000				
20 TC	chloroform	0.426	0.401	5.9	92	-0.04
21 T	1,1,1-trichloroethane	0.332	0.324	2.4	92	-0.03
22 T	carbon tetrachloride	0.289	0.286	1.0	92	-0.03
23 T	1,1-dichloropropene	0.314	0.313	0.3	94	-0.02
24 TM	benzene	0.950	0.928	2.3	92	-0.03
25 T	1,2-dichloroethane	0.182	0.174	4.4	91	-0.03
26 T	TAME(tert amylmethylether)	0.000				
27 TM	trichloroethene	0.259	0.256	1.2	94	-0.02
28 TC	1,2-dichloropropane	0.255	0.248	2.7	93	-0.02
29 T	dibromomethane	0.099	0.097	2.0	95	-0.01
30 T	bromodichloromethane	0.244	0.241	1.2	94	-0.02
31 T	cis-1,3-dichloropropene	0.311	0.292	6.1	90	-0.01
32 T	4-Methyl-2-pentanone (MiBk)	0.000				
33 T	2-chloroethylvinyl Ether	0.000				
34 TMC	toluene	0.541	0.534	1.3	95	-0.01
35 T	trans-1,3-dichloropropene	0.213	0.201	5.6	90	-0.02
36 T	1,1,2-trichloroethane	0.106	0.105	0.9	93	-0.01
37 T	tetrachloroethene	0.227	0.220	3.1	91	0.00
38 T	1,3-dichloropropane	0.207	0.203	1.9	93	-0.01
39 T	dibromochloromethane	0.161	0.158	1.9	92	0.00
40 T	1,2-dibromoethane	0.125	0.126	-0.8	96	-0.01
41 TPM	chlorobenzene	0.571	0.555	2.8	94	0.00
42 T	1,1,1,2-tetrachloroethane	0.202	0.197	2.5	94	-0.02
43 TC	ethylbenzene	0.979	0.974	0.5	94	0.00
44 T	m,p-xylene	0.350	0.345	1.4	93	-0.01
45 T	o-xylene	0.336	0.333	0.9	94	0.00

46	T	styrene	0.534	0.527	1.3	93	0.00
47	TP	bromoform	0.072	0.069	4.2	93	0.00
48	T	isopropylbenzene	0.868	0.872	-0.5	93	0.00
49	SCP	4-bromofluorobenzene (SSTD1	0.284	0.281	1.1	99	0.00
50	T	bromobenzene	0.217	0.209	3.7	93	0.00
5	TP	1,1,2,2-tetrachloroethane	0.126	0.122	3.2	93	0.00
5		1,2,3-trichloropropane	0.108	0.102	5.6	94	0.00
53	T	n-propylbenzene	1.094	1.111	-1.6	93	0.00
54	T	2-chlorotoluene	0.642	0.629	2.0	95	-0.01
55	T	4-chlorotoluene	0.638	0.622	2.5	94	0.00
56	T	1,3,5-trimethylbenzene	0.698	0.695	0.4	95	0.00
57	T	tert-butylbenzene	0.416	0.416	0.0	93	0.00
58	T	1,2,4-trimethylbenzene	0.682	0.682	0.0	95	-0.01
59	T	bis(2-Chloroethyl) ether	0.000				
60	T	sec-butylbenzene	0.910	0.925	-1.6	93	0.00
61	T	1,3-dichlorobenzene	0.395	0.388	1.8	94	0.00
62	T	4-isopropyltoluene	0.717	0.727	-1.4	94	0.00
63	T	1,4-dichlorobenzene	0.398	0.385	3.3	93	0.00
64	SCP	1,4-dcb-d4 (SSTD2)	0.417	0.476	-14.1	100	-0.02
65	T	1,2-dichlorobenzene	0.338	0.326	3.6	94	0.00
66	T	n-butylbenzene	0.680	0.684	-0.6	93	0.00
67	T	1,2-dibromo-3-chloropropane	0.017	0.015	11.8	90	0.00
68	T	1,2,4-trichlorobenzene	0.160	0.155	3.1	94	0.00
69	T	hexachlorobutadiene	0.106	0.107	-0.9	95	0.00
70	T	naphthalene	0.228	0.232	-1.8	98	0.00
71	T	1,2,3-trichlorobenzene	0.129	0.129	0.0	95	0.00

L1400309.D 524LB300.M

Sat Dec 16 13:18:58 2000

Sample Multiplier 1
 Sample Name 8ppb cal ver
 Data File Name L1400319.D
 Operator ricci
 Instrument Name GCMS 03
 Date Acquired 12/15/00 12:34

Name	Amount	Units	Spk. Amt.	% Drift
dichlorodifluoromethane	7.37	ug/L	8	7.92%
chloromethane	7.36	ug/L	8	7.98%
vinyl chloride	7.93	ug/L	8	0.88%
bromomethane	8.06	ug/L	8	0.75%
chloroethane	7.62	ug/L	8	4.71%
trichlorofluoromethane (freon 11)	7.89	ug/L	8	1.37%
Freon 113				
1,1-dichloroethene	7.64	ug/L	8	4.52%
methylene chloride	7.98	ug/L	8	0.27%
trans-1,2-dichloroethene	7.81	ug/L	8	2.38%
mtbe				
1,1-dichloroethane	7.78	ug/L	8	2.70%
etbe (ethyl-t-butyl ether)				
2-Butanone(MEK)				
2,2-dichloropropane	6.73	ug/L	8	15.89%
cis-1,2-dichloroethene	7.82	ug/L	8	2.22%
bromochloromethane	7.88	ug/L	8	1.44%
tetrahydrofuran				
chloroform	7.53	ug/L	8	5.84%
1,1,1-trichloroethane	7.81	ug/L	8	2.41%
carbon tetrachloride	7.92	ug/L	8	1.00%
1,1-dichloropropene	7.99	ug/L	8	0.07%
benzene	7.81	ug/L	8	2.32%
1,2-dichloroethane	7.67	ug/L	8	4.13%
TAME(tert amylmethylether)				
trichloroethene	7.89	ug/L	8	1.32%
1,2-dichloropropane	7.78	ug/L	8	2.73%
dibromomethane	7.89	ug/L	8	1.34%
bromodichloromethane	7.92	ug/L	8	0.94%
cis-1,3-dichloropropene	7.52	ug/L	8	6.03%
4-Methyl-2-pentanone (MiBk)				
2-chloroethylvinyl Ether				
toluene	7.89	ug/L	8	1.33%
trans-1,3-dichloropropene	7.56	ug/L	8	5.46%
1,1,2-trichloroethane	7.90	ug/L	8	1.20%

tetrachloroethene	7.74	ug/L	8	3.20%
1,3-dichloropropane	7.88	ug/L	8	1.51%
dibromochloromethane	7.87	ug/L	8	1.59%
1,2-dibromoethane	8.10	ug/L	8	1.23%
chlorobenzene	7.78	ug/L	8	2.77%
1,1,1,2-tetrachloroethane	7.79	ug/L	8	2.60%
ethylbenzene	7.96	ug/L	8	0.49%
m,p-xylene	15.78	ug/L	16	1.37%
o-xylene	7.91	ug/L	8	1.19%
styrene	7.90	ug/L	8	1.27%
bromoform	7.66	ug/L	8	4.19%
isopropylbenzene	8.03	ug/L	8	0.38%
4-bromofluorobenzene (SSTD1)	1.98	ug/L	2	0.93%
bromobenzene	7.71	ug/L	8	3.61%
1,1,2,2-tetrachloroethane	7.74	ug/L	8	3.20%
1,2,3-trichloropropane	7.60	ug/L	8	5.05%
n-propylbenzene	8.13	ug/L	8	1.56%
2-chlorotoluene	7.83	ug/L	8	2.06%
4-chlorotoluene	7.80	ug/L	8	2.53%
1,3,5-trimethylbenzene	7.97	ug/L	8	0.32%
tert-butylbenzene	7.99	ug/L	8	0.11%
1,2,4-trimethylbenzene	8.01	ug/L	8	0.14%
bis(2-Chloroethyl) ether				
sec-butylbenzene	8.13	ug/L	8	1.59%
1,3-dichlorobenzene	7.85	ug/L	8	1.84%
4-isopropyltoluene	8.11	ug/L	8	1.42%
1,4-dichlorobenzene	7.75	ug/L	8	3.09%
1,4-dcb-d4 (SSTD2)	2.28	ug/L	2	13.94%
1,2-dichlorobenzene	7.73	ug/L	8	3.34%
n-butylbenzene	8.04	ug/L	8	0.56%
1,2-dibromo-3-chloropropane	7.44	ug/L	8	6.94%
1,2,4-trichlorobenzene	7.75	ug/L	8	3.18%

Combined Ave % Drift 2.52%

Quantitation Report (QT Reviewed)

Data File : D:\DATAFILE\12142000\L1400320.D
 Acq On : 15 Dec 00 1:14 am
 Sample : custom cal ver
 Misc : 121-8-10
 MS Integration Params: RTEINT.P
 Quant Time: Dec 19 14:01 19100

Vial: 20
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00

Quant Results File: KSTLA300.RE

Quant Method : C:\HPCHEM\3\METHODS\KSTLA300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/04/2000
 Last Update : Mon Dec 04 13:19:36 2000
 Response via : Initial Calibration
 DataAcq Meth : 524REV2

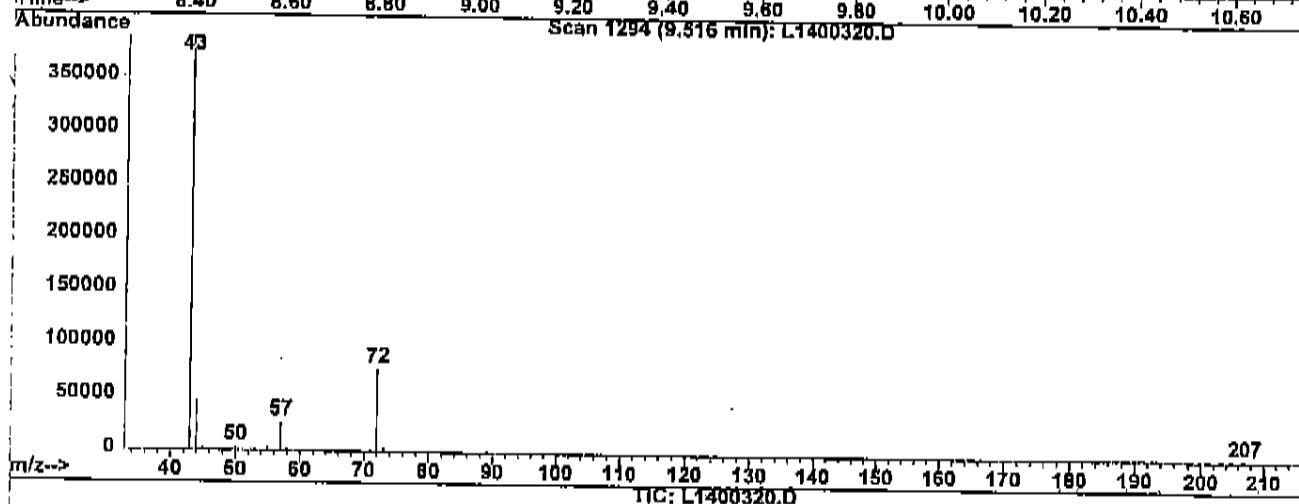
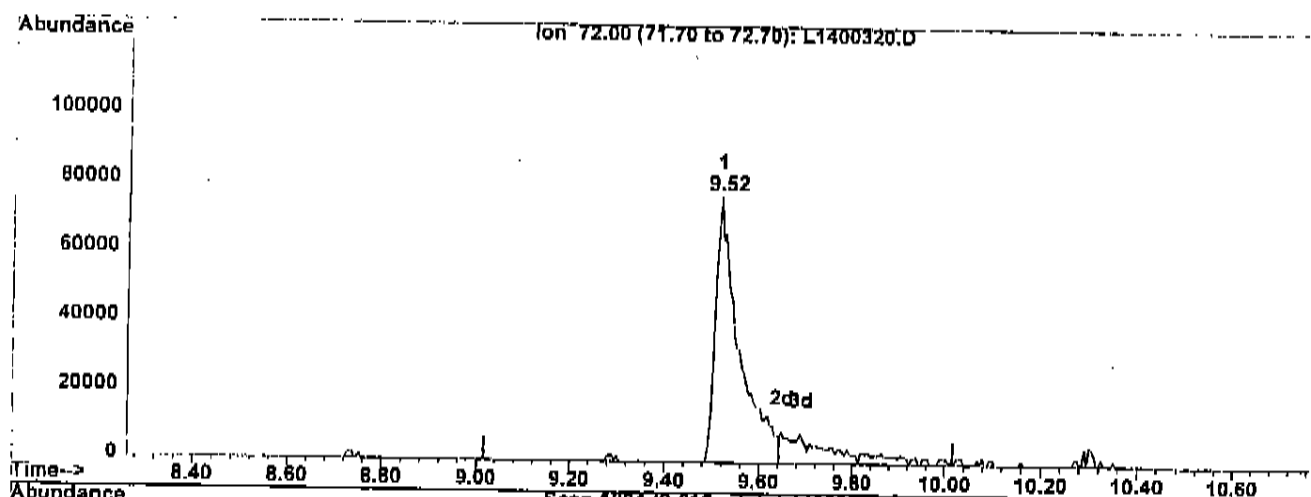
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.08	96	1052251	2.00	ug/L	-0.01
System Monitoring Compounds						
9) 4-bromofluorobenzene (SSTD)	16.34	95	290058	2.08	ug/L	0.00
Spiked Amount	2.000		Recovery	=	104.00%	
11) 1,4-dcb-d4 (SSTD2)	18.29	150	352497	2.06	ug/L	0.00
Spiked Amount	2.000		Recovery	=	103.00%	
Target Compounds						
2) Freon 113	6.49	101	1492004	14.62	ug/L	Qvalue 96
3) etbe (ethyl-t-butyl ether)	9.28	59	2000175	8.66	ug/L	92
4) 2-Butanone (MEK)	9.52	72	342345m	87.18	ug/L	100
6) TAME (tert amylmethylether)	10.87	73	1388222	8.84	ug/L	93
7) 4-Methyl-2-pentanone (MiBk)	12.91	58	1357030	80.69	ug/L	91
8) 2-chloroethylvinyl Ether	12.53	63	255898	65.10	ug/L	99
10) bis(2-Chloroethyl) ether	17.52	93	181336	80.31	ug/L	99

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400320.D
 Acq On : 15 Dec 00 1:14 am
 Sample : custom cal ver
 Misc : 121-8-10
 Quant Time: Dec 19 14:01 19100

Vial: 20
 Operator: ricci
 Inst : GCMS 03
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\KSTLA300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/04/2000
 Last Update : Mon Dec 04 13:19:36 2000
 Response via : Multiple Level Calibration



(4) 2-Butanone(MEK) (T)

9.52min 69.98ug/L

response 274784

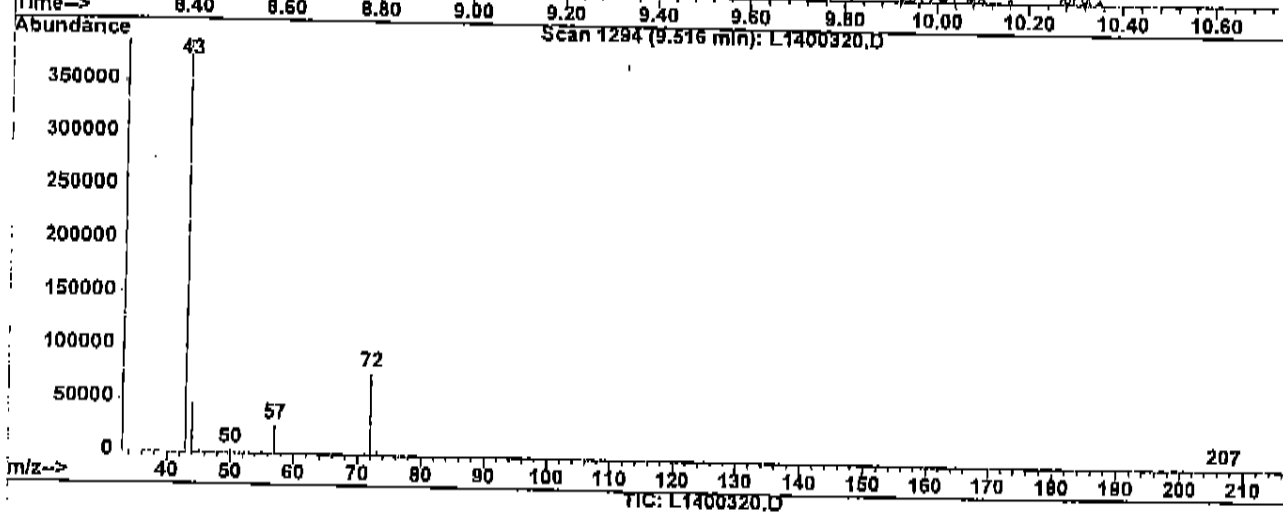
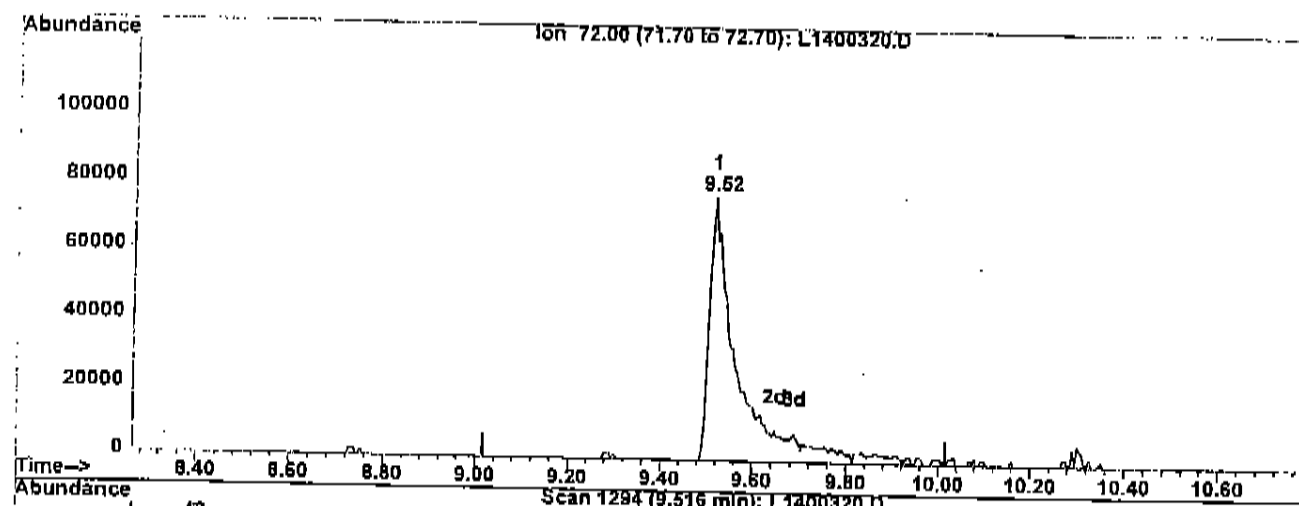
Ion	Exp%	Act%
72.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATAFILE\12142000\L1400320.D
 Acq On : 15 Dec 00 1:14 am
 Sample : custom cal ver
 Misc : 121-8-10
 Quant Time: Dec 19 14:01 19100

Vial: 20
 Operator: ricci
 Inst : GCMS 02
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\HPCHEM\3\METHODS\KSTLA300.M (RTE Integrator)
 Title : GC/MS #3 epa524.2 12/04/2000
 Last Update : Mon Dec 04 13:19:36 2000
 Response via : Multiple Level Calibration



(4) 2-Butanone(MEK) (T)

9.52min 87.18ug/L m

response 342345

Ion	Exp%	Act%
72.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00



Weck Laboratories, Inc.
 Analytical & Environmental Services
 14859 East Clark Avenue • Industry, CA 91745
 Tel 626-336-2139 • Fax 626-336-2634 • www.wecklabs.com

CHAIN OF CUSTODY RECD

Page 1 of 2

CLIENT NAME:		PROJECT:		ANALYSIS REQUESTED		SPECIAL HANDLING	
Hydro Geo Chem		Zero				<input type="checkbox"/> Same Day Rush <input type="checkbox"/> 24 Hour Rush <input type="checkbox"/> 48 - 72 Hour Rush <input type="checkbox"/> 4 - 5 Days <input type="checkbox"/> 7 - 10 Business Days <input checked="" type="checkbox"/> OAVQC Package Reporting Agency <u>RUCES Safety</u> Method of Shipment _____	
ADDRESS: 51 West Westminster Rd, Suite 101 Tucson AZ 85705		PHONE #: (520) 293-1500 FAX #: 293-1550					
PROJECT MANAGER: John Ward		SAMPLER: John Medina					
ID#	DATE SAMPLED	TIME SAMPLED	SAMPL TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	REMARKS	
001	11/29	15:30	WSP	MW-10	4	lowest detection	
002	11/29	15:35		MW-110	4	levels 524.2	
003	11/30	10:18		MW-9	4		
004	11/30	14:05		MW-1	4		
005	11/30	16:40		MW-2	4		
006	12/1	10:30		MW-3	4		
007	12/1	10:35		MW-13	4		
008	11/30	11:25		RW-3	3		
009	11/30	11:25		WW-3	3		
010	12/1	10:50		RW-4	3		
RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	SAMPLE CONDITION:			
<i>[Signature]</i>	12/1/00 13:30	Opriatostone	12/1/00 13:30	Actual Temperature:			
RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	<input type="checkbox"/> Received On Ice <input type="checkbox"/> Preserved <input type="checkbox"/> Evidence Seals Intact <input type="checkbox"/> Container Attached <input type="checkbox"/> Preserved at Lab			
RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	SAMPLE TYPE CODE: AQ = Aqueous NA = Non Aqueous SL = Sludge DW = Drinking Water WW = Waste Water RW = Rain Water GW = Ground Water SO = Soil SW = Solid Waste OL = Oil OT = Other Matrix			
RUSH TURN AROUND TIME MAY REQUIRE SURCHARGE TERMS AND CONDITIONS: SEE BACK OF THIS FORM							
SPECIAL REQUIREMENTS / BILLING INFORMATION							

DISTRIBUTION: WHITE & CANARY - For Laboratory PINK - For Client

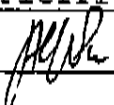
California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 1)

Laboratory Name: Weck Laboratories, Inc.
Address: 14859 East Clark Avenue
Industry, California 91745-1396
Telephone/FAX: (626) 336-2139 / FAX (626) 336-2634

ELAP Certification No.: 1132 Expiration Date: 3/31/02

Authorized Signature
Name, Title (print) Alfredo Pierri / Laboratory Director

Signature, Date  12/29/02

Client Name: Hydro Geo Chem, Inc.

Project Number: _____

Date(s) Sampled: 11/28/00 and 11/29/00

Date(s) Received: 11/29/00

Date(s) Reported: 12/26/00

Chain of Custody Received: **Yes**

Comments: Samples received cold.

Corresponds to Lab# A008393 (001-010)

California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 2)

<u>Organic Analysis</u>	# of Samples	# of Samples Subcontracted
EPA 524.2	10	None

Sample Condition: Good

<u>Inorganic Analysis</u>	# of Samples	# of Samples Subcontracted
---------------------------	--------------	----------------------------

Sample Condition:

<u>Microbiological Analysis</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

<u>Other Types of Analyses</u>	# of Samples	# of Samples Subcontracted
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Sample Condition:

ANALYTICAL RESULT FOR ORGANICS

HOD: EPA Method 524.2

REPORTING UNIT: µg/L

	Date Analyzed	12/01/00	12/06/00	12/06/00	12/01/00	12/01/00
	Date Extracted					
	Lab Sample ID	A008393-001	A008393-002	A008393-003	A008393-004	A008393-005
	Client Sample ID	MW-4	CW-1	RW-1	MW-5	MW-15
	Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
	Extraction Method					
	Dilution Factor	1	20	1	1	1
Compound	CRDL					
Dichlorodifluoromethane	1	ND	ND	ND	ND	ND
Chloromethane	0.5	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND
Bromomethane	0.5	ND	ND	ND	ND	ND
Chloroethane	0.5	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	0.5	ND	ND	ND	ND	ND
Trichlorotrifluoroethane (Freon 113)	10	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.5	0.60	ND	ND	ND	ND
Methylene chloride (Dichloromethane)	0.5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.5	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.5	ND	ND	ND	ND	ND
2-Butanone (Methyl ethyl ketone)	5	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND
Bromochloromethane	0.5	ND	ND	ND	ND	ND
Chloroform	0.5	1.1	ND	6.0	1.4	1.5
1,1,1-Trichloroethane	0.5	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.5	ND	ND	ND	ND	ND
Benzene	0.5	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.5	14	ND	ND	4.8	4.9
1,2-Dichloropropane	0.5	ND	ND	ND	ND	ND
Dibromomethane	0.5	ND	ND	ND	ND	ND
Bromodichloromethane	0.5	ND	ND	9.4	ND	ND
cis-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	5	ND	ND	ND	ND	ND
2-chloroethylvinyl Ether	1	ND	ND	ND	ND	ND
Toluene	0.5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	0.5	4.0	ND	ND	0.71	0.68
1,3-Dichloropropane	0.5	ND	ND	ND	ND	ND
Dibromochloromethane	0.5	ND	ND	10	ND	ND
1,2-Dibromoethane (EDB)	0.5	ND	ND	ND	ND	ND
Chlorobenzene	0.5	ND	ND	ND	ND	ND
Ethyl benzene	0.5	ND	ND	ND	ND	ND
m/p-xylenes	0.5	ND	ND	ND	ND	ND
o-Xylene	0.5	ND	ND	ND	ND	ND
Styrene	0.5	ND	ND	ND	ND	ND
Bromoform	0.5	ND	ND	2.3	ND	ND
propylbenzene	0.5	ND	ND	ND	ND	ND

Date Analyzed	12/01/00	12/06/00	12/06/00	12/01/00	12/01/00		
Date Extracted							
Lab Sample ID	A008393-001	A008393-002	A008393-003	A008393-004	A008393-005		
Client Sample ID	MW-4	CW-1	RW-1	MW-5	MW-15		
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap		
Extraction Method							
Dilution Factor	1	20	1	1	1		
Compound	CRDL						
Bromobenzene	0.5	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane	0.5	ND	ND	ND	ND		
1,2,3-Trichloropropane	0.5	ND	ND	ND	ND		
n-Propyl benzene	0.5	ND	ND	ND	ND		
2-Chlorotoluene	0.5	ND	ND	ND	ND		
4-Chlorotoluene	0.5	ND	ND	ND	ND		
1,3,5-Trimethylbenzene	0.5	ND	ND	ND	ND		
tert-Butylbenzene	0.5	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.5	ND	ND	ND	ND		
bis(2-chloroethyl) Ether	5	ND	ND	ND	ND		
sec-Butyl benzene	0.5	ND	ND	ND	ND		
1,3-Dichlorobenzene	0.5	ND	ND	ND	ND		
4-Isopropyltoluene	0.5	ND	ND	ND	ND		
1,4-Dichlorobenzene	0.5	ND	ND	ND	ND		
1,2-Dichlorobenzene	0.5	ND	ND	ND	ND		
n-Butyl benzene	0.5	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	1	ND	ND	ND	ND		
1,2,4-Trichlorobenzene	0.5	ND	ND	ND	ND		
Hexachlorobutadiene	0.5	ND	ND	ND	ND		
Napthalene	0.5	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	0.5	ND	ND	ND	ND		
Total 1,3-Dichloropropene	0.5	ND	ND	ND	ND		
Tert-amyl Methyl Ether	3	ND	ND	ND	ND		
Ethyl tert-Butyl Ether	3	ND	ND	ND	ND		
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND	ND		
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	114	92	92.5	124	120
1,2-Dichlorobenzene-d4	2.0	70 - 130	92.5	122	121	99	107

ANALYTICAL RESULT FOR ORGANICS

HOD: EPA Method 524.2

REPORTING UNIT: µg/L

Date Analyzed	12/01/00	12/06/00	12/06/00	12/01/00	12/01/00
Date Extracted					
Lab Sample ID	A008393-006	A008393-007	A008393-008	A008393-009	A008393-009
Client Sample ID	MW-7	CW-2	RW-2	MW-8	MW-8
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap
Extraction Method					
Dilution Factor	1	20	1	1	10
Compound	CRDL				
Dichlorodifluoromethane	1	ND	ND	ND	
Chloromethane	0.5	ND	ND	ND	
Vinyl chloride	0.5	ND	ND	ND	
Bromomethane	0.5	ND	ND	ND	
Chloroethane	0.5	ND	ND	ND	
Trichlorofluoromethane (Freon 11)	0.5	ND	ND	ND	
Trichlorotrifluoroethane (Freon 113)	10	ND	ND	ND	
1,1-Dichloroethene	0.5	0.96	ND	ND	
Methylene chloride (Dichloromethane)	0.5	ND	ND	ND	
trans-1,2-Dichloroethene	0.5	ND	ND	ND	
Methyl tert-Butyl Ether	1	ND	ND	ND	
1,1-Dichloroethane	0.5	ND	ND	ND	
2-Butanone (Methyl ethyl ketone)	5	ND	ND	ND	
2,2-Dichloropropane	0.5	ND	ND	ND	
cis-1,2-Dichloroethene	0.5	ND	ND	ND	
Bromochloromethane	0.5	ND	ND	ND	
Chloroform	0.5	1.1	ND	5.2	1.0
1,1,1-Trichloroethane	0.5	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND
1,1-Dichloropropene	0.5	ND	ND	ND	ND
Benzene	0.5	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND
Trichloroethene (TCE)	0.5	6.3	ND	ND	
1,2-Dichloropropane	0.5	ND	ND	ND	61
Dibromomethane	0.5	ND	ND	ND	ND
Bromodichloromethane	0.5	ND	ND	7.8	ND
cis-1,3-Dichloropropene	0.5	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	5	ND	ND	ND	ND
2-chloroethylvinyl Ether	1	ND	ND	ND	ND
Toluene	0.5	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND	ND	ND
Tetrachloroethene (PCE)	0.5	4.4	ND	ND	2.5
1,3-Dichloropropane	0.5	ND	ND	ND	ND
Dibromochloromethane	0.5	ND	ND	8.4	ND
1,2-Dibromoethane (EDB)	0.5	ND	ND	ND	ND
Chlorobenzene	0.5	ND	ND	ND	ND
Ethyl benzene	0.5	ND	ND	ND	ND
m/p-xylenes	0.5	ND	ND	ND	ND
o-Xylene	0.5	ND	ND	ND	ND
Styrene	0.5	ND	ND	ND	ND
Bromoform	0.5	ND	ND	1.8	ND
propylbenzene	0.5	ND	ND	ND	ND

Date Analyzed	12/01/00	12/05/00	12/06/00	12/01/00	12/01/00		
Date Extracted							
Lab Sample ID	A008393-006	A008393-007	A008393-008	A008393-009	A008393-009		
Client Sample ID	MW-7	CW-2	RW-2	MW-8	MW-8		
Extraction Solvent	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap	Purge & Trap		
Extraction Method							
Dilution Factor	1	20	1	1	10		
Compound	CRDL						
Bromobenzene	0.5	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane	0.5	ND	ND	ND	ND		
1,2,3-Trichloropropane	0.5	ND	ND	ND	ND		
n-Propyl benzene	0.5	ND	ND	ND	ND		
2-Chlorotoluene	0.5	ND	ND	ND	ND		
4-Chlorotoluene	0.5	ND	ND	ND	ND		
1,3,5-Trimethylbenzene	0.5	ND	ND	ND	ND		
tert-Butylbenzene	0.5	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.5	ND	ND	ND	ND		
bis(2-chloroethyl) Ether	5	ND	ND	ND	ND		
sec-Butyl benzene	0.5	ND	ND	ND	ND		
1,3-Dichlorobenzene	0.5	ND	ND	ND	ND		
4-Isopropyltoluene	0.5	ND	ND	ND	ND		
1,4-Dichlorobenzene	0.5	ND	ND	ND	ND		
1,2-Dichlorobenzene	0.5	ND	ND	ND	ND		
n-Butyl benzene	0.5	ND	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	1	ND	ND	ND	ND		
1,2,4-Trichlorobenzene	0.5	ND	ND	ND	ND		
Hexachlorobutadiene	0.5	ND	ND	ND	ND		
Napthalene	0.5	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	0.5	ND	ND	ND	ND		
Total 1,3-Dichloropropene	0.5	ND	ND	ND	ND		
Tert-amyl Methyl Ether	3	ND	ND	ND	ND		
Ethyl tert-Butyl Ether	3	ND	ND	ND	ND		
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND	ND		
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	109	89.5	92.5	120	109
1,2-Dichlorobenzene-d4	2.0	70 - 130	90.5	120	118	97	112

ANALYTICAL RESULT FOR ORGANICS

MDD: EPA Method 524.2

REPORTING UNIT: $\mu\text{g/L}$

	Date Analyzed	12/06/00			
	Date Extracted				
	Lab Sample ID	A008393-010			
	Client Sample ID	B-1 / Zero			
	Extraction Solvent	Purge & Trap			
	Extraction Method				
	Dilution Factor	1			
Compound	CRDL				
Dichlorodifluoromethane	1	ND			
Chloromethane	0.5	ND			
Vinyl chloride	0.5	ND			
Bromomethane	0.5	ND			
Chloroethane	0.5	ND			
Trichlorofluoromethane (Freon 11)	0.5	ND			
Trichlorotrifluoroethane (Freon 113)	10	ND			
1,1-Dichloroethane	0.5	ND			
Methylene chloride (Dichloromethane)	0.5	ND			
trans-1,2-Dichloroethane	0.5	ND			
Methyl tert-Butyl Ether	1	ND			
1,1-Dichloroethane	0.5	ND			
2-Butanone (Methyl ethyl ketone)	5	ND			
2,2-Dichloropropane	0.5	ND			
cis-1,2-Dichloroethane	0.5	ND			
Bromochloromethane	0.5	ND			
Chloroform	0.5	ND			
1,1,1-Trichloroethane	0.5	ND			
Carbon Tetrachloride	0.5	ND			
1,1-Dichloropropene	0.5	ND			
Benzene	0.5	ND			
1,2-Dichloroethane	0.5	ND			
Trichloroethane (TCE)	0.5	ND			
1,2-Dichloropropane	0.5	ND			
Dibromomethane	0.5	ND			
Bromodichloromethane	0.5	ND			
cis-1,3-Dichloropropene	0.5	ND			
4-Methyl-2-pentanone (MIBK)	5	ND			
2-chloroethylvinyl Ether	1	ND			
Toluene	0.5	ND			
trans-1,3-Dichloropropene	0.5	ND			
1,1,2-Trichloroethane	0.5	ND			
Tetrachloroethene (PCE)	0.5	ND			
1,3-Dichloropropane	0.5	ND			
Dibromochloromethane	0.5	ND			
1,2-Dibromoethane (EDB)	0.5	ND			
Chlorobenzene	0.5	ND			
Ethyl benzene	0.5	ND			
m/p-xylenes	0.5	ND			
o-Xylene	0.5	ND			
Styrene	0.5	ND			
Bromoform	0.5	ND			
propylbenzene	0.5	ND			

Date Analyzed		12/06/00					
Date Extracted							
Lab Sample ID		A008393-010					
Client Sample ID		B-1 / Zero					
Extraction Solvent		Purge & Trap					
Extraction Method							
Dilution Factor		1					
Compound	CRDL						
Bromobenzene	0.5	ND					
1,1,2,2-Tetrachloroethane	0.5	ND					
1,2,3-Trichloropropane	0.5	ND					
n-Propyl benzene	0.5	ND					
2-Chlorotoluene	0.5	ND					
4-Chlorotoluene	0.5	ND					
1,3,5-Trimethylbenzene	0.5	ND					
tert-Butylbenzene	0.5	ND					
1,2,4-Trimethylbenzene	0.5	ND					
bis(2-chloroethyl) Ether	5	ND					
sec-Butyl benzene	0.5	ND					
1,3-Dichlorobenzene	0.5	ND					
4-isopropyltoluene	0.5	ND					
1,4-Dichlorobenzene	0.5	ND					
1,2-Dichlorobenzene	0.5	ND					
n-Butyl benzene	0.5	ND					
1,2-Dibromo-3-chloropropane (DBCP)	1	ND					
1,2,4-Trichlorobenzene	0.5	ND					
Hexachlorobutadiene	0.5	ND					
Napthalene	0.5	ND					
1,2,3-Trichlorobenzene	0.5	ND					
Total 1,3-Dichloropropene	0.5	ND					
Tert-amyl Methyl Ether	3	ND					
Ethyl tert-Butyl Ether	3	ND					
1,1,1,2-Tetrachloroethane	0.5	ND					
Surrogate	Spike Conc	ACP%	%RC	%RC	%RC	%RC	%RC
4-bromofluorobenzene	2.0	66 - 127	91.5				
1,2-Dichlorobenzene-d4	2.0	70 - 130	112				

Project No.: Hydro Geo Chem, Inc.

QA/QC REPORT

f. Calibration Standard

(A). Initial Calibration

DATE PERFORMED: 11/29/00
 STANDARD SUPPLY SOURCE: Ultra
 INSTRUMENT I.D.: GC-MS #3

ANALYTICAL METHOD: 524.2
 DATE OF SOURCE: 11/20/00
 LOT NUMBER: P-0925

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	RF (Avg)	SD (N-1)	%RSD
Compound 1			1st Conc			Calibration software from instrument was used. See attachment.		
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound 2			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound K			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					

(B). Continuing Calibration (Mid-Point) (12/01/00)- See Attachment

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	%Diff	ACP RGE %Diff
Compound 1							
Compound 2							
Compound K							

Project No.: Hydro Geo Chem, Inc.

I. Fortified Blank (LFB)

DATE PERFORMED: 12/01/00
SUPPLY SOURCE: AccuStandard
LOT NUMBER: A0060064 (G); A9120203 (L)
DATE OF SOURCE: 11/20/00

ANALYTICAL METHOD: EPA 524.2
LAB LCS I.D.: 121-41-7 (G), 121-41-8 (L)

UNIT: µg/L

Analyte	Spike Conc	Result	%Recovery	ACP %Rec Limit
Chloromethane	8.00	10.3	129	70 - 130
1,1-DCE	8.00	8.97	112	70 - 130
Chloroform	8.00	9.38	117	70 - 130
1,1,1-Trichloroethene	8.00	10.1	126	70 - 130
Carbon Tetrachloride	8.00	10.2	128	70 - 130
Benzene	8.00	8.28	104	70 - 130
Trichloroethene	8.00	10.0	125	70 - 130
Toluene	8.00	8.15	102	70 - 130
Tetrachloroethene	8.00	8.49	106	70 - 130
o-Xylene	8.00	8.72	109	70 - 130

Project No.: Hydro Geo Chem, Inc.

QA/QC REPORT

I. Calibration Standard

(A). Initial Calibration

DATE PERFORMED: 11/29/00
 STANDARD SUPPLY SOURCE: Ultra
 INSTRUMENT I.D.: GC-MS #3

ANALYTICAL METHOD: 524.2
 DATE OF SOURCE: 11/20/00
 LOT NUMBER: P-0925

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	RF (Avg)	SD (N-1)	%RSD
Compound 1			1st Conc			Calibration software from instrument was used. See attachment.		
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound 2			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					
Compound K			1st Conc					
			2nd Conc					
			3rd Conc					
			4th Conc					
			5th Conc					

(B). Continuing Calibration (Mid-Point) (12/06/00)- See Attachment

Compound	Detector	RT	Mass/Conc Unit:	Area	RF	%Diff	ACP RGE %Diff
Compound 1							
Compound 2							
Compound K							

Project No.: Hydro Geo Chem, Inc.

I. Fortified Blank (LFB)

DATE PERFORMED: 12/06/00
SUPPLY SOURCE: AccuStandard
LOT NUMBER: A0060064 (G); A9120203 (L)
DATE OF SOURCE: 11/20/00

ANALYTICAL METHOD: EPA 524.2
LAB LCS I.D.: 121-41-7 (G), 121-41-8 (L)

UNIT: µg/L

Analyte	Spike Conc	Result	%Recovery	ACP %Rec Limit
Chloromethane	8.00	8.19	102	70 - 130
1,1-DCE	8.00	7.64	95.5	70 - 130
Chloroform	8.00	8.22	103	70 - 130
1,1,1-Trichloroethene	8.00	8.41	105	70 - 130
Carbon Tetrachloride	8.00	8.59	107	70 - 130
Benzene	8.00	8.12	102	70 - 130
Trichloroethene	8.00	7.37	92.1	70 - 130
Toluene	8.00	7.66	95.6	70 - 130
Tetrachloroethene	8.00	7.0	87.5	70 - 130
o-Xylene	8.00	7.67	95.9	70 - 130

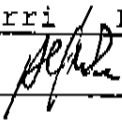
California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 1)

Laboratory Name: Weck Laboratories, Inc.
Address: 14859 East Clark Avenue
Industry, California 91745-1396
Telephone/FAX: (818) 336-2139 / FAX (818) 336-2634

ELAP Certification No.: 1132 Expiration Date: 3/31/02

Authorized Signature
Name, Title (print) Alfredo Pierri / Laboratory Director

Signature, Date  12/29/00

Client Name: Hydro Geo Chem, Inc.

Project Number: _____

Date(s) Sampled: 11/28/00 and 11/29/00

Date(s) Received: 11/29/00

Date(s) Reported: 12/26/00

Chain of Custody Received: Yes

Comments: Samples received cold.

Corresponds to Lab# A008393 -001, -004, -005, -006,
-009 and -010

California Regional Water Quality Control Board
Los Angeles Region

Laboratory Report Form (Cover Page 2)

Organic Analysis # of Samples # of Samples Subcontracted

EPA 8270 Modified 6 None

Sample Condition: Good

Inorganic Analysis # of Samples # of Samples Subcontracted

Sample Condition:

Microbiological Analysis # of Samples # of Samples Subcontracted

Sample Condition:

Other Types of Analyses # of Samples # of Samples Subcontracted

Sample Condition:

QA/QC REPORT

I. Calibration Standard

(A). Initial Calibration

DATE PERFORMED: 11/08/00
 STANDARD SUPPLY SOURCE: NSI Solution
 INSTRUMENT I.D.: GC/MS #6

ANALYTICAL METHOD: 8270 Modified
 DATE OF SOURCE: 07/12/00
 LOT NUMBER: 480-03-02

Compound	Detector	RT	Mass/Conc Unit: mg/L	Area	RF	RF (Avg)	SD (N-1)	%RSD
1,4-Dioxane	MS	7.32	2.5	38607	0.896	0.881	0.016	1.78
		7.32	5	77396	0.898			
		7.31	10	200047	0.873			
		7.31	20	290203	0.880			
		7.31	40	561561	0.881			

(B). Continuing Calibration (Mid-Point) - 12/06/00

Compound	Detector	RT	Mass/Conc Unit: mg/L	Area	RF	%Diff	ACP RGE %Diff
1,4-Dioxane	MS	7.17	9.71	216192	0.856	2.9	20

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	Freon-12	Chloro methane	Vinyl Chloride	Bromo methane	Chloro ethane	Freon-11	Freon-113	1,1-DCE	Methylene Chloride	trans-1,2-DCE	MTBE	1,1-DCA	2,2-Dichloro propane (MEK)	cis-1,2-DCE	Bromochloro methane	Chloroform	1,1,1-TCA	Carbon Tetrachloride	1,1-Dichloro propane	Benzene	1,2-DCA	TCE	1,2-Dichloro propane
MW-1	Upper	14-Aug-92	8:30 PM	(100)	(200)	(200)	(200)	(200)	(100)	na	(100)	(100)	(100)	na	(100)	na	(100)	(100)	Trace	(100)	(100)	(100)	(100)	(100)	3,400	(100)
MW-1	Upper	10-Dec-92	8:36 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	8.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	2,300	(0.5)
MW-1	Upper	19-Mar-93	12:21 PM	(0.5)	(1.0)	(0.5)	(0.5)	(1.0)	(0.5)	na	2.9	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	7.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,900	(0.5)
MW-1	Upper	29-Jun-93	2:35 PM	(0.5)	(1.0)	(0.5)	(0.5)	(1.0)	(0.5)	na	2.8	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	7.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,800	(0.5)
MW-1	Upper	1-Oct-93	2:52 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	1.2	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	5.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,100	(0.5)
MW-1	Upper	30-Dec-93	12:51 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.9	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	5.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	880	(0.5)
MW-1	Upper	13-Apr-94	8:48 PM	(5)	(10)	(5)	(5)	(10)	(5)	na	(5.0)	(5)	(5)	na	(5)	na	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	780	(5)
MW-1	Upper	13-Jul-94	10:00 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	3.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	750	(0.5)
MW-1	Upper	21-Sep-94	1:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	190	(0.5)
MW-1	Upper	27-Jan-95	2:12 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	130	(0.5)
MW-1	Lower	27-Jun-95	7:49 PM	(1)	(1)	(1)	(1)	(1)	(1)	na	(1.0)	(2)	(1)	na	(1)	na	(1)	(1)	1.5	(1)	(1)	(1)	(1)	(1)	47.0	(1)
MW-1	Upper	28-Jun-95	8:43 AM	(1)	(1)	(1)	(1)	(1)	(1)	na	(1.0)	(2)	(1)	na	(1)	na	(1)	(1)	1.5	(1)	(1)	(1)	(1)	(1)	41.0	(1)
MW-1	Upper	31-Jan-96	1:07 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	2.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	41.0	(0.5)
MW-1	Upper	22-Jan-97	12:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	7.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,700	(0.5)
MW-1	Upper	31-Jul-97	3:46 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.50	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	14.0	(0.5)	(0.5)	(0.5)	(0.5)	1.0	4,300	(0.5)
MW-1	Upper	16-Jan-98	3:40 PM	(100)	(100)	(100)	(100)	(100)	(200)	(200)	(100)	(200)	(100)	na	(100)	na	(100)	(100)	(100)	(0.5)	(0.5)	(100)	(100)	(100)	5,000	(100)
MW-1	Upper	28-Jan-99	11:56 AM	(1)	2.5	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(5)	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	210	(0.5)
MW-1	Upper	7-Feb-00	2:28 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(5)	(0.5)	(0.5)	2.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	680	(0.5)
MW-1	Both	30-Nov-00	2:05 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	0.55	(1)	(0.5)	(5)	(0.5)	(0.5)	6.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,800	(0.5)
MW-2	Upper	15-Aug-92	10:22 AM	(100)	(200)	(200)	(200)	(200)	(100)	na	(100)	(100)	(100)	na	(100)	na	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	6,200	(100)
MW-2	Upper	15-Aug-92	10:22 AM	(100)	(200)	(200)	(200)	(200)	(100)	na	(100)	(100)	(100)	na	(100)	na	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	6,200	(100)
MW-2	Upper	10-Dec-92	9:37 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.5	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	7.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	2,900	(0.5)
MW-2	Upper	19-Mar-93	10:14 AM	(0.5)	(1.0)	(0.5)	(0.5)	(1.0)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	6.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	2,300	(0.5)
MW-2	Upper	28-Jun-93	4:30 PM	(0.5)	(1.0)	(0.5)	(0.5)	(1.0)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	5.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,700	(0.5)
MW-2	Upper	1-Oct-93	4:38 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	5.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	650	(0.5)
MW-2	Upper	30-Dec-93	9:17 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	3.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	520	(0.5)
MW-2	Upper	12-Apr-94	3:43 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	160	(0.5)
MW-2	Upper	13-Jul-94	12:10 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	12.0	(0.5)
MW-2	Upper	20-Sep-94	5:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	17.0	(0.5)
MW-2	Upper	27-Jan-95	9:13 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	24.0	(0.5)
MW-2	Lower	28-Jun-95	12:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	6.0	(0.5)
MW-2	Upper	28-Jun-95	2:27 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	7.7	(0.5)
MW-2	Upper	31-Jan-96	11:44 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.0	(0.5)
MW-2	Upper	22-Jan-97	5:58 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	360	(0.5)
MW-2	Upper	31-Jul-97	12:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	6.5	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	3,000	(0.5)
MW-2	Upper	19-Jan-98	11:05 AM	(20)	(20)	(20)	(20)	(20)	(40)	(40)	(20)	(40)	(20)	na	(20)	na	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	690	(20)
MW-2	Upper	12-Feb-99	3:15 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	91	(0.5)
MW-2	Upper	12-Feb-00	4:11 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(5)	(0.5)	(0.5)	0.5	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	120	(0.5)
MW-2	Both	30-Nov-00	4:40 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(5)	(0.5)	(0.5)	1.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	470	(0.5)
MW-3	Upper	14-Aug-92	11:20 PM	(20)	(50)	(50)	(50)	(50)	(20)	na	(20)	(20)	(20)	na	(20)	na	(20)	(20)	Trace	(20)	(20)	(20)	(20)	(20)	630	(20)
MW-3	Upper	14-Aug-92	11:20 PM	(20)	(50)	(50)	(50)	(50)	(20)	na	(20)	(20)	(20)	na	(20)	na	(20)	(20)	Trace	(20)	(20)	(20)	(20)	(20)	630	(20)
MW-3	Upper	10-Dec-92	4:35 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	3.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	550	(0.5)
MW-3	Upper	20-Apr-93	2:17 PM	(0.5)	(1)	(0.5)	(0.5)	(1)	(0.5)	na	0.7	(1.0)	1.4	na	(0.5)	na	(0.5)	(0.5)	2.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	570	(0.5)
MW-3	Upper	28-Jun-93	12:21 PM	(0.5)	(1)	(0.5)	(0.5)	(1)	(0.5)	na	(0.5)	(0.5)	1.0	na	(0.5)	na	(0.5)	(0.5)	2.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	370	(0.5)
MW-3	Upper	1-Oct-93	12:46 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.6	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	2.5	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	350	(0.5)
MW-3	Upper	29-Dec-93	2:56 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	180	(0.5)
MW-3	Upper	12-Apr-94	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	160	(0.5)
MW-3	Upper	13-Jul-94	2:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	170	(0.5)
MW-3	Upper	21-Sep-94	9:01 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	100	(0.5)
MW-3	Upper	27-Jan-95	11:44 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	190	(0.5)
MW-3	Lower	28-Jun-95	5:04 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	0.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	11.0	(0.5)
MW-3	Upper	28-Jun-95	6:44 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	9.7	(0.5)
MW-3	Upper	31-Jan-96	11:44 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	19.0	(0.5)
MW-3	Upper	22-Jan-97	4:10 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	3.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	480	(0.5)
MW-3	Upper	31-Jul-97	2:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	2.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	450	(0.5)
MW-3	Upper	19-Jan-98	6:20 AM	(10)	(10)	(10)	(10)	(10)	(20)	(20)	(10)	(10)	(10)	(10)	(10)	na	(10)	(10)	(10)	(10)</						

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	Freon-12 methylene chloride	Chloro ethane	Bromo methane	Chloro ethane	Freon-11	Freon-113	1,1-DCE	Methylene chloride	trans-1,2- DCE	MTBE	1,1-DCA	2-Butanone (MEQ)	2,2-Dichloro propane	cis-1,2-DCE	Bromochloro methane	Chloroform	1,1,1-TCA	Carbon Tetra chloride	1,1-Dichloro propane	Benzene	1,2-DCA	TCE	1,2-Dichloro propane
MW-6	Upper	23-Jan-87	2:27 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	7.2	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	4.7	5.5	(0.5)	(0.5)	(0.5)	(0.5)	65.0	(0.5)
MW-7	Upper	9-Dec-92	10:42 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.8	(5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.0	0.6	(0.5)	(0.5)	(0.5)	(0.5)	19.0	(0.5)
MW-7	Upper	18-Mar-93	9:59 AM	(1.0)	(1.0)	(0.5)	(1.0)	(0.5)	na	(0.5)	(5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	6.1	(0.5)
MW-7	Upper	28-Jun-93	4:20 PM	(0.5)	(1.0)	(0.5)	(1.0)	(0.5)	na	0.8	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.7	0.9	(0.5)	(0.5)	(0.5)	(0.5)	20.0	(0.5)
MW-7	Upper	30-Sep-93	5:18 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.7	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.5	0.6	(0.5)	(0.5)	(0.5)	(0.5)	9.6	(0.5)
MW-7	Upper	28-Dec-93	3:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	5.8	(0.5)
MW-7	Upper	31-Mar-94	12:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-7	Upper	12-Jul-94	1:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.8	0.7	(0.5)	(0.5)	(0.5)	(0.5)	2.0	(0.5)
MW-7	Upper	20-Sep-94	10:09 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	1.5	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.8	0.8	(0.5)	(0.5)	(0.5)	(0.5)	2.0	(0.5)
MW-7	Upper	26-Jan-95	12:29 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.8	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.1	(0.5)
MW-7	Lower	26-Jun-95	1:07 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	0.8	(0.5)
MW-7	Upper	26-Jun-95	3:51 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	0.8	(0.5)
MW-7	Upper	30-Jan-96	5:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.8	(0.5)
MW-7	Upper	23-Jan-97	8:37 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	2.2	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.8	0.7	(0.5)	(0.5)	(0.5)	(0.5)	46.0	(0.5)
MW-7	Upper	28-Jul-97	2:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	2.4	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	28.0	(0.5)
MW-7	Upper	16-Jan-98	9:30 AM	(0.5)	(0.5)	(0.5)	(0.5)	(1.0)	(1.0)	5.3	(1.0)	(0.5)	(1)	(0.5)	na	(0.5)	(0.5)	(0.5)	2.2	0.6	(0.5)	(0.5)	(0.5)	(0.5)	41.0	(0.5)
MW-7	Upper	26-Jan-99	12:25 PM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	0.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	2.1	(0.5)
MW-7	Upper	1/27/00	4:24 PM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	1.0	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	0.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	8.6	(0.5)
MW-7	Both	29-Nov-00	9:31 AM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	0.96	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	1.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	8.3	(0.5)
MW-8	Upper	9-Dec-92	1:25 PM	(10)	(10)	(10)	(10)	(10)	na	0.8	(100)	(10)	na	(10)	na	1.3	(10)	(10)	8.6	(10)	(10)	(10)	(10)	(10)	180	(10)
MW-8	Upper	17-Mar-93	6:35 PM	(0.5)	(1)	(0.5)	(1)	(0.5)	na	(0.5)	(5.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	120	(0.5)
MW-8	Upper	29-Jun-93	6:10 PM	(1)	(1)	(0.5)	(1)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	300	(0.5)
MW-8	Upper	30-Sep-93	8:51 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	180	(0.5)
MW-8	Upper	29-Dec-93	9:32 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	98.0	(0.5)
MW-8	Upper	31-Mar-94	3:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	110	(0.5)
MW-8	Upper	12-Jul-94	4:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	130	(0.5)
MW-8	Upper	20-Sep-94	12:01 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	0.8	(0.5)	(0.5)	(0.5)	(0.5)	120	(0.5)
MW-8	Upper	26-Jan-95	3:32 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	130	(0.5)
MW-8	Lower	26-Jun-95	7:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	9.9	(0.5)
MW-8	Upper	27-Jun-95	10:22 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	5.6	(0.5)
MW-8	Upper	30-Jan-96	4:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	3.2	(0.5)
MW-8	Upper	28-Jan-97	10:46 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	79.0	(0.5)
MW-8	Upper	29-Jul-97	5:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1.0)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	2.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	180	(0.5)
MW-8	Upper	16-Jan-98	10:40 AM	(5)	(5)	(5)	(5)	(10)	(10)	(5)	(10)	(5)	(1)	(5)	na	(5)	(5)	(5)	(5)	(1)	(5)	(5)	(5)	(5)	230	(5)
MW-8	Upper	28-Jan-99	3:40 PM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	0.8	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	0.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	5.7	(0.5)
MW-8	Upper	1/27/00	6:24 PM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	0.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	52.0	(0.5)
MW-8	Both	29-Nov-00	11:35 AM	(1)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	1.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	61.0	(0.5)
MW-9	Upper	10-Dec-92	10:19 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(5.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	400	(0.5)
MW-9	Upper	16-Mar-93	1:14 PM	(0.5)	(1.0)	(0.5)	(1.0)	(0.5)	na	(0.5)	(5.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	3.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	420	(0.5)
MW-9	Upper	29-Jun-93	10:40 AM	(0.5)	(1.0)	(0.5)	(1.0)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	770	(0.5)
MW-9	Upper	1-Oct-93	10:57 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	4.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1,200	(0.5)
MW-9	Upper	30-Dec-93	4:06 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	380	(0.5)
MW-9	Upper	13-Apr-94	3:58 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	200	(0.5)
MW-9	Upper	13-Jul-94	8:00 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	0.6	0.6	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	3.1	0.6	(0.5)	(0.5)	(0.5)	(0.5)	370	(0.5)
MW-9	Upper	21-Sep-94	10:52 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	220	(0.5)
MW-9	Upper	27-Jan-95	4:22 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	67.0	(0.5)
MW-9	Lower	23-Jun-95	5:01 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	130	(0.5)
MW-9	Upper	23-Jun-95	8:02 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	220	(0.5)
MW-9	Upper	31-Jan-96	2:14 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.								

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	Freon-12	Chloro methane	Vinyl Chloride	Bromo methane	Chloro ethane	Freon-11	Freon-113	1,1-DCE	Methylene Chloride	trans-1,2-DCE	MTBE	1,1-DCA	2-Butanone (MEK)	2,2-Dichloro propane	trans-1,2-DCE	Bromochloro methane	Chloroform	1,1,1-TCA	Carbon Tetra chloride	1,1-Dichloro propane	Benzene	1,2-DCA	TCE	1,2-Dichloro propane
MW-10	Upper	10-Dec-82	1:12 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	1.4	(5.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	880	(0.5)
MW-10	Upper	17-Mar-93	4:38 PM	(0.5)	(1)	(1)	(0.5)	(1)	(0.5)	na	5.0	(5.0)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	3.0	1.7	(0.5)	(0.5)	(0.5)	(0.5)	520	(0.5)
MW-10	Upper	28-Jun-93	8:20 AM	(0.5)	(1)	(0.5)	(0.5)	(1)	(0.5)	na	39.0	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.0	12.0	(0.5)	(0.5)	(0.5)	(0.5)	430	(0.5)
MW-10	Upper	1-Oct-93	8:48 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	23.0	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.6	5.3	(0.5)	(0.5)	(0.5)	(0.5)	300	(0.5)
MW-10	Upper	29-Dec-93	8:00 PM	(0.5)	(1)	(0.5)	(0.5)	(1)	(0.5)	na	8.5	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.2	2.2	(0.5)	(0.5)	(0.5)	(0.5)	170	(0.5)
MW-10	Upper	12-Apr-94	1:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	13.0	(0.5)	
MW-10	Upper	12-Jul-94	6:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	7.2	(0.5)
MW-10	Upper	20-Sep-94	3:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	3.8	(0.5)
MW-10	Upper	26-Jan-95	6:02 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	0.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	2.8	(0.5)
MW-10	Lower	27-Jun-95	3:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	27-Jun-95	5:29 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	4.5	(0.5)
MW-10	Upper	31-Jan-96	8:25 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	1.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.8	(0.5)
MW-10	Upper	23-Jan-97	12:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(1)	(0.5)	na	(0.5)	na	(0.5)	(0.5)	(0.5)	2.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	370	(0.5)
MW-10	Upper	30-Jul-97	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	1.5	(1)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	4.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	870	(0.5)
MW-10	Upper	18-Jan-98	2:30 PM	(10)	(10)	(10)	(10)	(10)	(20)	(20)	(10)	(20)	(10)	(1)	(10)	na	(10)	(10)	(10)	(10)	0.5	(10)	(10)	(10)	(10)	490	(10)
MW-10	Upper	28-Jan-99	9:35 AM	(1)	1.1	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	0.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	93	(0.5)
MW-10	Upper	1/27/00	8:41 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	2.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	720	(0.5)
MW-10	Both	29-Nov-00	3:30 PM	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(10)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	2.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	490	(0.5)

na: Not Analyzed
(1.0) Not detected above detection or practical quantitation limit

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	Dibromo methane	dis-1,3- dichloro propane	4-methyl-2- pentanone (MIBK)	2-chloro ethyl vinyl ether	Toluene	trans-1,3- dichloro propane	1,1,2-TCA	PCE	1,3-Dichloro propane	Dibromo chloro methane	1,2-Dibromo ethane (EDB)	Chloro Benzene	Ethyl Benzene	m/p xylenes	o xylenes	Total Xylenes	Styrene	Bromoforn	Isopropyl benzene	Bromo benzene	1,1,2,2- Tetrachloro ethane	1,2,3- Trichloro propane	n-Propyl benzene
MW-1	Upper	14-Aug-92	8:30 PM	(100)	na	na	na	(100)	na	(100)	Trace	(100)	(100)	(100)	(100)	(100)	na	na	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)
MW-1	Upper	10-Dec-92	6:38 PM	(0.5)	na	na	na	(0.5)	na	3.2	35.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	18-Mar-93	12:21 PM	(0.5)	na	na	na	(0.5)	na	2.6	32.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	29-Jun-93	2:35 PM	(0.5)	na	na	na	(0.5)	na	4.3	30.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	1-Oct-93	2:52 PM	(0.5)	na	na	na	(0.5)	na	5.9	16.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	30-Dec-93	12:51 PM	(0.5)	na	na	na	(0.5)	na	5.5	13.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	13-Apr-94	8:48 AM	(5)	na	na	na	(5)	na	12.0	7.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(10)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
MW-1	Upper	15-Jul-94	10:00 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	7.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	21-Sep-94	1:25 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	1.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	27-Jan-95	2:12 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	0.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Lower	27-Jun-95	7:49 PM	(1)	na	na	na	(1)	na	(1)	1.0	(1)	(1)	(1)	(1)	(1)	na	na	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-1	Upper	28-Jan-95	8:43 AM	(1)	na	na	na	(1)	na	(1)	1.3	(1)	(1)	(1)	(1)	(1)	na	na	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-1	Upper	31-Jan-96	1:07 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	0.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	22-Jan-97	12:15 PM	(0.5)	na	na	na	(0.5)	na	1.3	14.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	31-Jul-97	3:46 PM	(0.5)	na	na	na	(0.5)	na	10.0	54.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	16-Jan-98	3:40 PM	(200)	(100)	(100)	(100)	(100)	(100)	(100)	92	(100)	(100)	(100)	(100)	(100)	(200)	(100)	na	(100)	(100)	(100)	(100)	(200)	(100)	(100)
MW-1	Upper	28-Jan-98	11:56 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	4.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Upper	7-Feb-98	2:28 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	3.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-1	Both	30-Nov-00	2:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.7	11.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	15-Aug-92	10:22 AM	(100)	na	na	na	(100)	na	(100)	Trace	(100)	(100)	(100)	(100)	(100)	na	na	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)
MW-2	Upper	15-Aug-92	10:22 AM	(100)	na	na	na	(100)	na	(100)	Trace	(100)	(100)	(100)	(100)	(100)	na	na	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)
MW-2	Upper	10-Dec-92	9:37 PM	(0.5)	na	na	na	(0.5)	na	2.7	25.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	18-Mar-93	10:14 AM	(0.5)	na	na	na	(0.5)	na	2.8	20.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	29-Jun-93	4:30 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	14.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	1-Oct-93	4:38 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	11.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	30-Dec-93	9:17 AM	(0.5)	na	na	na	(0.5)	na	0.7	60.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	12-Apr-94	3:43 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	0.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	19-Jul-94	12:10 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	20-Sep-94	5:00 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	27-Jan-95	8:13 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Lower	28-Jun-95	12:28 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	28-Jun-95	2:27 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	0.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	31-Jan-96	11:44 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	22-Jan-97	5:59 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	5.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	31-Jul-97	12:30 PM	(0.5)	na	na	na	(0.5)	na	2.2	21.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	19-Jan-98	11:08 AM	(40)	(20)	(20)	(20)	(20)	(20)	(20)	8.6	(20)	(20)	(20)	(20)	(20)	(40)	(20)	na	(20)	(20)	(20)	(20)	(40)	(20)	(20)
MW-2	Upper	12-Feb-98	3:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	0.84	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Upper	12800	4:11 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	1.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-2	Both	30-Nov-00	4:40 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	4.3	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	14-Aug-92	11:20 PM	(20)	na	na	na	(20)	na	(20)	Trace	(20)	(20)	(20)	(20)	(20)	na	na	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)
MW-3	Upper	14-Aug-92	11:20 PM	(20)	na	na	na	(20)	na	(20)	Trace	(20)	(20)	(20)	(20)	(20)	na	na	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)
MW-3	Upper	10-Dec-92	4:35 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	5.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	20-Apr-93	2:17 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	3.8	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	29-Jun-93	12:21 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	2.5	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	1-Oct-93	12:46 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	3.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	29-Dec-93	2:56 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	1.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	12-Apr-94	9:45 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	15-Jul-94	2:50 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	1.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	21-Sep-94	9:01 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	2.1	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	27-Jan-95	11:44 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Lower	28-Jun-95	5:04 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	3.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	31-Jan-96	11:44 AM	(0.5)	na	na	na	(0.5)	na	(0.5)	5.5	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	22-Jan-97	4:10 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	4.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	31-Jul-97	2:45 PM	(0.5)	na	na	na	(0.5)	na	(0.5)	5.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-3	Upper	19-Jan-98	8:20 AM	(20)	(10)	(10)	(10)	(10)	(10)	(10)	6.0	(10)	(10)	(10)	(10)	(10)	(20)	(10)	na	(10)	(10)	(10)	(10)	(20)	(10)	(10)
MW-3	Upper	12-Feb-98	1:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	0.56	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	Dibromo methane	Bromochloro methane	cis-1,3-dichloro propane	4-methyl-2-pentanone (MIBK)	2-chloro ethyl vinyl ether	Toluene	trans-1,3-dichloro propene	1,1,2-TCA	PCE	1,3-Dichloro propane	Dibromo chloro methane	1,2-Dibromo ethane (EDB)	Chloro benzene	Ethyl Benzene	m/p xylenes	o xylene	Total Xylenes	Styrene	Bromiform	Isopropyl benzene	Bromo benzene	1,1,2,2-Tetrachloro ethane	1,2,3-Trichloro propane	n-Propyl benzene	
Micrograms per Liter																												
MW-10	Upper	10-Dec-92	1:12 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	20.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	17-Mar-83	4:38 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	25.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	28-Jun-93	8:20 AM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	100	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	1-Oct-83	8:46 AM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	44.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	29-Dec-93	8:00 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	31.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	12-Apr-94	1:05 PM	(0.5)	(0.5)	na	na	na	0.6	na	(0.5)	1.6	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	12-Jul-94	6:45 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	2.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	20-Sep-94	3:05 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	1.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	26-Jan-85	6:02 PM	(0.5)	(0.5)	na	na	na	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Lower	27-Jun-85	3:55 PM	(0.5)	(0.5)	na	na	(5)	(0.5)	na	(0.5)	3.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	27-Jan-96	5:29 PM	(0.5)	(0.5)	na	na	(5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	31-Jan-96	8:25 AM	(0.5)	(0.5)	na	na	(5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	29-Jan-97	12:50 PM	(0.5)	(0.5)	na	na	(5)	(0.5)	na	(0.5)	5.7	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	30-Jul-97	9:45 AM	(0.5)	(0.5)	na	na	(5)	(0.5)	na	(0.5)	53.0	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	16-Jan-98	2:30 PM	(20)	(10)	(10)	na	(1)	(10)	(10)	(10)	33.0	(10)	(10)	(10)	(10)	(10)	(20)	(10)	na	(10)	(10)	(10)	(10)	(20)	(20)	(10)	(10)
MW-10	Upper	28-Jan-99	9:35 AM	(0.5)	(0.5)	(0.5)	(5)	(1)	5.6	(0.5)	(0.5)	3.2	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Upper	1/27/00	8:41 PM	(0.5)	(0.5)	(0.5)	(5)	(1)	(0.5)	(0.5)	(0.5)	3.9	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
MW-10	Both	28-Nov-00	3:30 PM	(0.5)	(0.5)	(0.5)	(5)	(1)	(0.5)	(0.5)	(0.5)	6.4	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	2-Chlorodibenzene	4-Chlorotoluene	1,3,5-Trimethyl benzene	tert-Butyl benzene	1,3-Dichloro benzene	4-Dichloro benzene	1,2-Dichloro benzene	1,2,4-Trichloro benzene	Hexachlorobenzene	Naphthalene	1,2,3-Trichloro benzene	Total 1,3-dichloro propane	Methyl Ethyl Ether	tert-amyl Ether	Ethyl tert-Butyl Ether	1,1,1,2-Tetraethane	Total Trihalo methanes
MW-3	Upper	27/00	12:08 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(3)	(0.5)	na
MW-3	Both	1-Dec-00	10:30 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	(3)	(3)	(0.5)	1.6 (2.0)
MW-4	Upper	14-Aug-92	4:20 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	14-Aug-92	4:20 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	8-Dec-92	7:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	18-Mar-93	5:24 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	28-Jun-93	9:46 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	30-Sep-93	8:35 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	29-Dec-93	9:23 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	30-Mar-94	5:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	11-Jul-94	2:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	20-Sep-94	8:15 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	25-Jan-95	2:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Lower	22-Jun-95	2:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	22-Jun-95	4:35 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	30-Jan-96	12:03 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	21-Jan-97	4:26 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	29-Jul-97	11:15 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	15-Jan-98	10:05 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	26-Jan-98	10:06 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Upper	12/27/00	1:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-4	Both	28-Nov-00	2:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	15-Aug-92	12:28 PM	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	na	na	na	na	(2)	na
MW-5	Upper	15-Aug-92	12:28 PM	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	na	na	na	na	(2)	na
MW-5	Upper	9-Dec-92	4:01 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	17-Mar-93	10:09 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	28-Jun-93	12:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	30-Sep-93	12:24 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	28-Dec-93	1:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	31-Mar-94	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	11-Jul-94	6:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	19-Sep-94	5:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	25-Jan-95	6:06 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Lower	22-Jun-95	7:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	22-Jun-95	8:38 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	30-Jan-96	1:09 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	22-Jan-97	2:29 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	31-Jul-97	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	15-Jan-98	1:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	12-Feb-99	11:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Upper	1/28/00	10:37 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-5	Both	28-Nov-00	4:16 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	15-Aug-92	3:00 PM	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na	na	na	na	(1)	na
MW-6	Upper	15-Aug-92	3:00 PM	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	na	na	na	na	(1)	na
MW-6	Upper	9-Dec-92	6:57 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	17-Mar-93	1:02 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	28-Jun-93	2:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	30-Sep-93	2:54 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	28-Dec-93	6:52 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	31-Mar-94	6:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	12-Jul-94	11:04 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	19-Sep-94	2:58 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	26-Jan-95	9:46 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Lower	23-Jun-95	10:30 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	23-Jun-95	1:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na
MW-6	Upper	30-Jan-96	3:29 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	na

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	2-Chlorotoluene	4-Chlorotoluene	1,3,5-Trimethyl benzene	1,3,5-Triethyl benzene	1,2,4-Trimethyl benzene	bis(2-chloroethyl) ether	sec-Butyl benzene	1,3-Dichloro benzene	4-Isopropyl toluene (p-isopropyl toluene)	1,4-Dichloro benzene	n-Butyl benzene	1,2-Dibromo benzene (DBCP)	1,2,4-Trichloro benzene	Hexachlorobiphenyls	Naphthalene	1,2,3-Trichloro benzene	Total 1,3-dichloro propene	Methyl Ethyl Ether	tert-amyl Ethyl Ether	1,1,2-Trichloro ethane	Total Trihalo methanes	
MW-6	Upper	23-Jan-97	2:27 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	(0.5)	4.7	na
MW-7	Upper	8-Dec-92	10:42 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	(0.5)	2.0	na
MW-7	Upper	18-Mar-93	9:59 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	0.9	na	na	(0.5)	1.4	na
MW-7	Upper	28-Jun-93	4:20 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.7	na
MW-7	Upper	30-Sep-93	5:18 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.5	na
MW-7	Upper	28-Dec-93	3:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-7	Upper	31-Mar-94	12:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	0.8	na
MW-7	Upper	12-Jul-94	1:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	0.8	na
MW-7	Upper	20-Sep-94	10:09 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	0.6	na
MW-7	Lower	25-Jun-95	12:29 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	0.8	na
MW-7	Upper	25-Jun-95	3:51 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	0.6	na
MW-7	Upper	30-Jan-96	5:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	0.8	na
MW-7	Upper	23-Jan-97	8:37 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	1.8	na
MW-7	Upper	29-Jul-97	2:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2.2	na
MW-7	Upper	16-Jan-98	9:30 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2.2	na
MW-7	Upper	26-Jan-99	12:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	0.9	na
MW-7	Upper	1/27/00	4:24 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	0.9	na
MW-7	Both	29-Nov-00	9:31 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	1.1	(2.0)
MW-8	Upper	9-Dec-92	1:25 PM	(10)	(10)	(10)	(10)	(10)	na	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	na	na	(10)	8.6	na
MW-8	Upper	17-Mar-93	6:35 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-8	Upper	28-Jun-93	6:10 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-8	Upper	30-Sep-93	6:51 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.3	na
MW-8	Upper	29-Dec-93	9:32 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.0	na
MW-8	Upper	31-Mar-94	3:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	0.9	na
MW-8	Upper	12-Jul-94	4:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-8	Upper	20-Sep-94	12:01 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-8	Upper	25-Jan-95	3:32 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.2	na
MW-8	Lower	25-Jun-95	7:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2	na
MW-8	Upper	27-Jun-95	10:22 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2	na
MW-8	Upper	30-Jan-96	4:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2.1	na
MW-8	Upper	23-Jan-97	10:46 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	1.3	na
MW-8	Upper	29-Jul-97	5:15 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2.6	na
MW-8	Upper	16-Jan-98	10:40 AM	(5)	(5)	(5)	(5)	(5)	na	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(1)	na	(5)	5	na
MW-8	Upper	26-Jan-99	3:40 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	0.9	na
MW-8	Upper	1/27/00	6:24 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	0.8	na
MW-8	Both	29-Nov-00	11:35 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5.0)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	1.0	(2.0)
MW-9	Upper	10-Dec-92	10:19 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	2.6	na
MW-9	Upper	18-Mar-93	1:14 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	3.2	na
MW-9	Upper	28-Jun-93	10:40 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	3.5	na
MW-9	Upper	1-Oct-93	10:57 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	4.8	na
MW-9	Upper	30-Dec-93	4:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	2.2	na
MW-9	Upper	13-Apr-94	3:58 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	2.8	na
MW-9	Upper	13-Jul-94	8:00 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	3.1	na
MW-9	Upper	21-Sep-94	10:52 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	2.3	na
MW-9	Upper	27-Jan-95	4:22 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(0.5)	1.4	na
MW-9	Lower	23-Jun-95	5:01 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2	na
MW-9	Upper	23-Jun-95	8:02 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2.7	na
MW-9	Upper	31-Jan-96	2:14 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	2	na
MW-9	Upper	22-Jan-97	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	6.8	na
MW-9	Upper	1-Aug-97	9:30 AM	(10)	(10)	(10)	(10)	(10)	na	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	na	(10)	13.0	na
MW-9	Upper	19-Jan-98	1:00 PM	(40)	(40)	(40)	(40)	(40)	na	(40)	(40)	(40)	(40)	(40)	(40)	(40)	(40)	(40)	(40)	(40)	(10)	na	(40)	40	na
MW-9	Upper	28-Jan-99	9:13 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	(0.5)	1.1	na
MW-9	Upper	1/28/00	5:44 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	1.1	na
MW-9	Both	30-Nov-00	10:18 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(3)	na	(0.5)	1.4	(2.0)

TABLE B.1
Groundwater Analytical Results

Well	Screen	Date Sampled	Time Sampled	2- Chloroethene	4- Chloroethene	1,3,5- Trimesityl benzene	Isotert-butyl benzene	1,2,4- Trimesityl benzene	bis(2-chloroethyl) ether	sec-Butyl benzene	1,3-Dichloro benzene	4-isopropyl toluene (p-isopropyl toluene)	1,4-Dichloro benzene	n-Butyl benzene	1,2-Dibromo-3-Chloropropane (DBCP)	1,2,4-Trichloro benzene	Hexachlorobenzene	Naphthalene	1,2,3-Trichloro benzene	Total 1,3-dichloro propane	Methyl Ethyl Ether	tert-amyl Ether	Ethyl tert-Butyl Ether	1,1,1,2-Tetrahydroethane	Total Trihalo methane	1,4-Dioxane
MW-10	Upper	10-Dec-92	1:12 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	2.7	na
MW-10	Upper	17-Mar-93	4:38 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	3.0	na
MW-10	Upper	29-Jun-93	8:20 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	2.0	na
MW-10	Upper	1-Oct-93	8:48 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	1.6	na
MW-10	Upper	29-Dec-93	8:00 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	1.2	na
MW-10	Upper	12-Apr-94	1:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	(0.5)	na
MW-10	Upper	12-Jul-94	6:45 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	(0.5)	na
MW-10	Upper	20-Sep-94	3:05 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	(0.5)	na
MW-10	Upper	28-Jan-95	6:02 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	na	(0.5)	0.7	na
MW-10	Lower	27-Jun-95	3:55 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	na	(0.5)	(2)	na
MW-10	Upper	27-Jun-95	5:25 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	na	(0.5)	(2)	na
MW-10	Upper	31-Jan-96	8:25 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	na	(0.5)	1.8	na
MW-10	Upper	23-Jan-87	12:50 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	na	(0.5)	2.4	na
MW-10	Upper	30-Jul-97	9:45 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	na	na	na	(0.5)	4.7	na
MW-10	Upper	18-Jan-98	2:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	(10)	(10)	(10)	(10)	(10)	(20)	(20)	(10)	(20)	(20)	(1)	na	na	na	(10)	(10)	na
MW-10	Upper	28-Jan-99	8:35 AM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	na	(0.5)	0.9	na
MW-10	Upper	1/27/00	8:41 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(3)	(0.5)	2.9	na
MW-10	Both	28-Nov-00	3:30 PM	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(5)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	(1)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)	na	na	(3)	(0.5)	2.8	(2.0)

APPENDIX G

SOIL GAS ANALYTICAL REPORT - NOVEMBER 13, 2000



INTERPHASE
ENVIRONMENTAL, INC.

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INTERPHASE ENVIRONMENTAL, INC.

MOBILE LABORATORIES AND DIRECT PUSH DRILLING

Monday, November 13, 2000

Mr. John Ward
Hydro Geo Chem, Inc.
51 Wetmore, Suite 101
Tucson, AZ 85705-1678

Phone: (800) 727-5547
FAX: (520) 293-1550

Dear Mr. Ward:

Enclosed is the analytical report for the samples analyzed by InterPhase Environmental, Inc. for the following project.

Project Name: Zero Facility, Burbank, CA
Project Number: 00273

The report consists of the following sections:

- I. Sample Description;
- II. Laboratory Case Narrative and Chain of Custody Forms;
- III. Analytical Results;
- IV. Laboratory Certification.

If you have any questions regarding the results, please call me at (800) 457-3300.

Sincerely,
InterPhase Environmental

David Q. Feng, Ph.D.
Director of Laboratories



Analytical Report

InterPhase Project Number: 00273

Analysis Performed for: Hydro Geo Chem, Inc.

Project Name: Zero Facility, Burbank, CA

I. SAMPLE DESCRIPTION AND ANALYSIS REQUESTED

<u>Sample I.D.</u>	<u>Date Collected</u>	<u>InterPhase Lab</u>	<u>Analysis Requested</u>
B-2**	10/24/00	Phase 10	LARWQCB WIP*
SVE-4	10/24/00	Phase 10	LARWQCB WIP
SVE-20	10/24/00	Phase 10	LARWQCB WIP
SVE-19	10/24/00	Phase 10	LARWQCB WIP
SVE-5	10/24/00	Phase 10	LARWQCB WIP
SVE-18	10/24/00	Phase 10	LARWQCB WIP
SVE-17	10/24/00	Phase 10	LARWQCB WIP
SVE-16	10/24/00	Phase 10	LARWQCB WIP
SVE-7	10/24/00	Phase 10	LARWQCB WIP
SVE-3	10/24/00	Phase 10	LARWQCB WIP
AA001024	10/24/00	Phase 10	LARWQCB WIP
SVE-6/SHALLOW	10/25/00	Phase 10	LARWQCB WIP
SVE-6/DEEP	10/25/00	Phase 10	LARWQCB WIP
SVE-11	10/25/00	Phase 10	LARWQCB WIP
SVE-9	10/25/00	Phase 10	LARWQCB WIP
SVE-1	10/25/00	Phase 10	LARWQCB WIP
SVE-10	10/25/00	Phase 10	LARWQCB WIP
SVE-14	10/25/00	Phase 10	LARWQCB WIP
SVE-12	10/25/00	Phase 10	LARWQCB WIP
SVE-13	10/25/00	Phase 10	LARWQCB WIP
AA001025	10/25/00	Phase 10	LARWQCB WIP
SVE-11	10/25/00	Phase 10	LARWQCB WIP
SVE-16	10/25/00	Phase 10	LARWQCB WIP
SVE-15	10/25/00	Phase 10	LARWQCB WIP
SVE-8	10/25/00	Phase 10	LARWQCB WIP
B-9**	10/25/00	Phase 10	LARWQCB WIP
SVE-3@85'	10/26/00	Phase 10	LARWQCB WIP
MW-5@17'	10/26/00	Phase 10	LARWQCB WIP
MW-5@75'	10/26/00	Phase 10	LARWQCB WIP
MW-5@50'	10/26/00	Phase 10	LARWQCB WIP



<u>Sample No.</u>	<u>Date Collected</u>	<u>InterPhase Lab</u>	<u>Analysis Requested</u>
B-2@75'	10/26/00	Phase 10	LARWQCB WIP
B-2@50'	10/26/00	Phase 10	LARWQCB WIP
MW-3@75'	10/26/00	Phase 10	LARWQCB WIP
MW-3@50'	10/26/00	Phase 10	LARWQCB WIP
MW-3@25'	10/26/00	Phase 10	LARWQCB WIP
B-12@94'	10/26/00	Phase 10	LARWQCB WIP
B-12@46'	10/26/00	Phase 10	LARWQCB WIP
B-12@68'	10/26/00	Phase 10	LARWQCB WIP
AA001026	10/26/00	Phase 10	LARWQCB WIP
B-12@23'	10/26/00	Phase 10	LARWQCB WIP
MW-1@75'	10/26/00	Phase 10	LARWQCB WIP
MW-1@50'	10/26/00	Phase 10	LARWQCB WIP
MW-1@25'	10/26/00	Phase 10	LARWQCB WIP
B-7@75'	10/26/00	Phase 10	LARWQCB WIP
B-7@50'	10/26/00	Phase 10	LARWQCB WIP
B-7@20'	10/26/00	Phase 10	LARWQCB WIP
AA001027	10/27/00	Phase 10	LARWQCB WIP
B-3@75'	10/27/00	Phase 10	LARWQCB WIP
B-3@50'	10/27/00	Phase 10	LARWQCB WIP
B-3@25'	10/27/00	Phase 10	LARWQCB WIP
B-11@60'	10/27/00	Phase 10	LARWQCB WIP
B-11@40'	10/27/00	Phase 10	LARWQCB WIP
B-11@20'	10/27/00	Phase 10	LARWQCB WIP
B-11@85'	10/27/00	Phase 10	LARWQCB WIP
B-10@60'	10/27/00	Phase 10	LARWQCB WIP
B-10@40'	10/27/00	Phase 10	LARWQCB WIP
B-10@20'	10/27/00	Phase 10	LARWQCB WIP
B-10@85'	10/27/00	Phase 10	LARWQCB WIP
SVE-1@85'	10/27/00	Phase 10	LARWQCB WIP
B-4@17'	10/27/00	Phase 10	LARWQCB WIP
B-4@50'	10/27/00	Phase 10	LARWQCB WIP
B-4@75'	10/27/00	Phase 10	LARWQCB WIP
SVE-7@85'	10/27/00	Phase 10	LARWQCB WIP
SVE-5@63'	10/27/00	Phase 10	LARWQCB WIP
B-9@50'	10/27/00	Phase 10	LARWQCB WIP
B-9@25'	10/27/00	Phase 10	LARWQCB WIP
B-10@40'	10/27/00	Phase 10	LARWQCB WIP
SVE-INFLUENT	10/27/00	Phase 10	LARWQCB WIP

*Los Angeles Regional Water Quality Control Board (LARWQCB) for active soil gas investigations under the Well Investigation Program (WIP), (February 1997).

**Three samples were collected and analyzed for a purge volume test.



II. LABORATORY CASE NARRATIVE AND CHAIN OF CUSTODY FORMS

InterPhase Project Number: 00273

Analysis Performed for: Hydro Geo Chem, Inc.

All samples were collected in gas-tight syringes by Hydro Geo Chem's field representative on Tuesday, October 24, 2000 through Friday, October 27, 2000. The samples were collected from existing vapor monitoring wells and sampling points along the vapor extraction manifold system. Samples were delivered to InterPhase's onsite laboratory and analyzed immediately after their collection. InterPhase's Field Data Sheets were used as chain of Custody Forms.

All the samples in this report met all laboratory quality control procedures. InterPhase followed analytical protocols acceptable to the Los Angeles Regional Water Quality Control Board (LARWQCB) for active soil gas investigation under the Well Investigation Program (WIP), (February 1997).

III. ANALYTICAL RESULTS

Table 1: Analytical Results of Samples presents the measured analyte concentrations of all samples and blanks analyzed during the investigation. Concentrations are reported in micrograms per liter ($\mu\text{g/L}$). Detected target contaminants are reported only if their concentrations are greater than the report limit of $1 \mu\text{g/L}$. Surrogate recoveries are also reported in *Table 1*. All monitored surrogate recoveries are within the control limits (75% to 125%), except for some matrix interference.

A 4-point calibration was performed on October 24, 2000 at the beginning of this investigation. *Table II: Initial Calibration Results* presents the results of this calibration. Percent relative standard deviations (%RSD) for all target compounds are within control limits for at least three calibration points.

A Laboratory Control Standard (LCS) was used to check and validate the calibration. The middle concentration LCS check was performed immediately after completion of the calibration and at the end of every day, as required by the client. *Table III: LCS Check Results* presents these checks. The percent differences of responses for the calibration and the LCS check are within control limits for all target analytes.



Table IV: Daily Calibration Check Results presents the middle concentration calibration check performed on October 25, 26 & 27 2000. The percent differences of responses for the initial calibration and the daily check are within control limits for the target analytes which are mandated to pass the calibration check by LARWQCB.

IV. LABORATORY CERTIFICATION

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness.

David Q. Feng, Ph.D.
Director of Laboratories



INTERPHASE
ENVIRONMENTAL INC.

Table I Analytical Result of Samples

Lab ID: Phase 10

Operator: Daniel Alvarez

Report

Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	S8001024	B-2/A	B-2/B	B-2/C	SVE-4	SVE-20	SVE-19	SVE-5	SVE-18	SVE-17	SVE-16	
10/24/00	10/29	10:29	10/24/00	10:31	1	Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	1,1,1-Trichloroethane	ELCD	5.78	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Trichloroethene	ELCD	7.15	<1	<1	<1	<1	6.1	2.5	4.5	<1	<1	2.0	<1	16
7-20	10/24/00	10:31	10/24/00	10:31	1	1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Tetrachloroethene	ELCD	10.15	3.3	25	23	23	6.6	3.5	3.5	6.4	3.7	3.0	3.8	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	1,1-Dichloroethene	PID	3.28	<1	<1	<1	<1	2.5	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Benzene	PID	6.24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	Toluene	PID	9.17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	Ethyl Benzene	PID	12.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	m/p-Xylene	PID	12.39	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	o-Xylene	PID	13.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7-20	10/24/00	10:31	10/24/00	10:31	1	1,1,2-Trichlorotrifluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10/24/00	10/24/00	10:31	10/24/00	10:31	1	TVH	FID		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
7-20	10/24/00	10:31	10/24/00	10:31	1	% C13DCPE Recovery (ELCD)		8.66	N/A	92	93	93	93	95	94	97	96	97	96	96
10/24/00	10/24/00	10:31	10/24/00	10:31	1	% C13DCPE Recovery (PID)		8.64	N/A	101	102	102	103	103	103	103	103	103	103	103
7-20	10/24/00	10:31	10/24/00	10:31	1	% 4CLTOL Recovery (PID)		15.19	N/A	100	102	103	104	105	105	106	105	108	107	107
10/24/00	10/24/00	10:31	10/24/00	10:31	1	% C13DCPE Recovery (FID)		8.69	N/A	102	102	102	103	103	103	103	104	104	104	104
7-20	10/24/00	10:31	10/24/00	10:31	1	% 4CLTOL Recovery (FID)		15.54	N/A	104	105	106	107	108	108	109	109	113	111	111



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Table L. Analytical Result of Samples

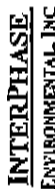
Lab ID: Phase 10
Operator: Daniel Alvarez

Final Report

Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	SVE-7	SVE-3	SVE-3/DUP	AA001024	SB001025	SVE-6/SHALLOW	SVE-6/DEEP	SVE-11	SVE-9	SVE-1
	10/24/00	14:10	10/24/00	14:26	1	Dichlorodifluoromethane	ELCD	1.42	<1	1.1	14:35	10/24/00	15:25	10/25/00	8:00	8:43	10/25/00	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Vinyl Chloride	ELCD	1.83	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Chloroethane	ELCD	2.40	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Trichlorofluoromethane	ELCD	2.72	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Dichloromethane	ELCD	3.85	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1-Dichloroethane	ELCD	4.57	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Chloroform	ELCD	5.62	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1,1-Trichloroethane	ELCD	5.78	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Carbon Tetrachloride	ELCD	5.98	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,2-Dichloroethane	ELCD	6.32	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Trichloroethene	ELCD	7.15	4.2	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1,2-Trichloroethane	ELCD	9.98	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Tetrachloroethane	ELCD	10.15	4.6	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1-Dichloroethene	PID	3.28	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Benzene	PID	6.24	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Toluene	PID	9.17	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	Ethyl Benzene	PID	12.13	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	m/p-Xylene	PID	12.39	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	o-Xylene	PID	13.23	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	1,1,2-Trichlorofluoroethane	FID	4.10	<1	<1	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	TVH	FID		<100	<100	15:07	10/24/00	15:28	10/25/00	8:25	8:48	9:09	10/25/00
	10/24/00	14:10	10/24/00	14:26	1	% C13DCPE Recovery (ELCD)		8.66	101	102	92	87	88	102	98	87	95	93
	10/24/00	14:10	10/24/00	14:26	1	% C13DCPE Recovery (PID)		8.64	104	103	101	99	91	96	93	90	95	95
	10/24/00	14:10	10/24/00	14:26	1	% 4CLTOL Recovery (PID)		15.19	108	108	101	98	94	101	100	85	96	98
	10/24/00	14:10	10/24/00	14:26	1	% C13DCPE Recovery (FID)		8.69	104	105	103	103	100	102	100	99	102	102
	10/24/00	14:10	10/24/00	14:26	1	% 4CLTOL Recovery (FID)		15.54	112	113	106	103	102	108	101	94	104	105

Table I. Analytical Result of Samples

Lab ID: Phase 10
Operator: Daniel Alvarez



Sample ID:	SVE-8	B-9/A	B-9/B	B-9/C	SB001026	SVE-3 @ 85'	MW-5 @ 17'	MW-5 @ 75'	MW-5 @ 50'	B-2 @ 75'
Date Collected:	10/25/00	10/25/00	10/25/00	10/25/00	10/26/00	10/26/00	10/26/00	10/26/00	10/26/00	10/26/00
Time Collected:	15:00	15:50	15:55	16:34	7:19	8:20	8:30	9:15	9:22	10:02
Date Analyzed:	10/25/00	10/25/00	10/25/00	10/25/00	10/26/00	10/26/00	10/26/00	10/26/00	10/26/00	10/26/00
Time Analyzed:	15:07	15:58	16:17	16:39	7:19	8:40	9:00	9:26	9:48	10:10
Volume Analyzed (ml):	1	1	1	1	1	1	1	1	1	1

Compound Name	Detector	RT (min)	<100	<100	<100	<100	<100	<100	<100	<100
Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	5.78	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	7.15	<1	11	12	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ELCD	10.15	1.7	6.3	9.9	<1	4.0	2.8	1.5	<1
1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	PID	3.28	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	PID	6.24	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	PID	9.17	<1	<1	<1	<1	<1	<1	<1	<1
Ethyl Benzene	PID	12.13	32	<1	<1	<1	<1	<1	<1	<1
m/p-Xylene	PID	12.39	180	<1	<1	<1	<1	<1	<1	<1
o-Xylene	PID	13.23	60	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorotrifluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1	<1	<1
TVH	FID	1600	<100	<100	<100	<100	<100	<100	<100	<100
% C13DCPE Recovery (ELCD)		8.66	97	98	102	98	96	86	92	91
% C13DCPE Recovery (PID)		8.64	93	93	96	93	90	87	91	90
% 4CLTOL Recovery (PID)		15.19	93	95	101	102	87	79	91	89
% C13DCPE Recovery (FID)		8.69	101	102	104	101	99	97	101	101
% 4CLTOL Recovery (FID)		15.54	103	104	110	111	99	90	101	101



INTERPHASE
ENVIRONMENTAL, INC

Table I. Analytical Result of Samples

Lab ID: Phase 10
Operator: Daniel Alvarez

Report

Sample ID:	Date Collected:	Time Collected:	Date Analyzed:	Time Analyzed:	Volume Analyzed (ml):	Compound Name	Detector	RT (min)	B-2 @ 50	B-2 @ 50/DUP	MW-3 @ 75	MW-3 @ 50	MW-3 @ 25	B-12 @ 46	B-12 @ 94	B-12 @ 46	B-12 @ 94	AA001026	
	10/26/00	10:10	10/26/00	10:49	1	Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1,1-Trichloroethane	ELCD	5.78	<1	<1	1.4	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Trichloroethene	ELCD	7.15	<1	<1	5.3	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Tetrachloroethene	ELCD	10.15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1-Dichloroethene	PID	3.28	<1	<1	4.7	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Benzene	PID	6.24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Toluene	PID	9.17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	Ethyl Benzene	PID	12.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	m/p-Xylene	PID	12.39	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	o-Xylene	PID	13.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	1,1,2-Trichlorotrifluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1	1.1	<1	<1	<1	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	TVH	FID		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	10/26/00
	10/26/00	10:10	10/26/00	10:49	1	% C13DCPE Recovery (ELCD)		8.66	88	87	92	92	89	93	90	93	90	89	93
	10/26/00	10:10	10/26/00	10:49	1	% C13DCPE Recovery (PID)		8.64	90	89	92	90	89	92	90	92	90	89	91
	10/26/00	10:10	10/26/00	10:49	1	% 4CLTOL Recovery (PID)		15.19	88	88	96	90	87	95	91	95	91	87	93
	10/26/00	10:10	10/26/00	10:49	1	% C13DCPE Recovery (FID)		8.69	101	101	103	102	101	103	102	103	102	101	103
	10/26/00	10:10	10/26/00	10:49	1	% 4CLTOL Recovery (FID)		15.54	100	100	108	103	101	107	103	106	103	101	107



INTERPHASE
ENVIRONMENTAL, INC.

Table I. Analyt. Result of Samples

Lab ID: Phase 10

Operator: Daniel Alvarez

Report

Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	AA001027 10/27/00 7:42	B-3 @ 75 10/27/00 7:59	B-3 @ 50 10/27/00 8:05	B-3 @ 25 10/27/00 8:44	B-11 @ 60 10/27/00 8:55	B-11 @ 40 10/27/00 9:00	B-11 @ 20 10/27/00 9:40	B-11 @ 85 10/27/00 9:46	B-11 @ 85/DUP 10/27/00 9:46
						Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1	<1	<1	<1
						trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1	<1	<1	<1
						cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1,1-Trichloroethane	ELCD	5.78	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Trichloroethene	ELCD	7.15	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Tetrachloroethene	ELCD	10.15	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1-Dichloroethene	PID	3.28	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Benzene	PID	6.24	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Toluene	PID	9.17	<1	<1	<1	<1	<1	<1	<1	<1	<1
						Ethyl Benzene	PID	12.13	<1	<1	<1	<1	<1	<1	<1	<1	<1
						m/p-Xylene	PID	12.39	<1	<1	<1	<1	<1	<1	<1	<1	<1
						o-Xylene	PID	13.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
						1,1,2-Trichlorotrifluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1	<1	<1	<1
						TVH	FID		<100	<100	<100	<100	<100	<100	<100	<100	<100
						% C13DCPE Recovery (ELCD)		8.66	99	104	99	96	101	107	99	102	102
						% C13DCPE Recovery (PID)		8.64	91	87	87	87	90	92	90	92	92
						% 4CLTOL Recovery (PID)		15.19	99	89	86	86	94	99	95	101	103
						% C13DCPE Recovery (FID)		8.69	104	101	101	101	103	104	103	104	105
						% 4CLTOL Recovery (FID)		15.54	114	113	100	100	108	113	108	114	117



INTERPHASE
ENVIRONMENTAL, INC.

Sample ID :
Date Collected :
Time Collected :
Date Analyzed :
Time Analyzed :
Volume Analyzed (ml) :

Table I. Analytical Result of Samples

Lab ID: Phase 10
Operator: Daniel Alvarez

Final Report

Compound Name	Detector	RT (min)	B-10 @ 60	B-10 @ 40	B-10 @ 20	B-10 @ 85	SVE-1 @ 85	B-4 @ 17	B-4 @ 50	B-4 @ 75	SVE-7 @ 85
Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethane	ELCD	5.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	5.78	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	7.15	<1	2.1	<1	<1	<1	<1	<1	1.3	15
1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ELCD	10.15	1.8	31	12	<1	4.0	1.7	9.1	1.7	2.2
1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	PID	3.28	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	PID	6.24	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	PID	9.17	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethyl Benzene	PID	12.13	<1	<1	<1	<1	<1	<1	<1	<1	<1
m,p-Xylene	PID	12.39	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	PID	13.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorofluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1	<1	<1	<1
TVH	FID		<100	<100	<100	<100	<100	<100	<100	<100	<100
% C13DCPE Recovery (ELCD)		8.66	103	104	101	N/A	101	96	95	96	99
% C13DCPE Recovery (PID)		8.64	91	92	92	N/A	88	87	86	86	88
% 4CLTOL Recovery (PID)		15.19	100	103	102	N/A	93	89	88	89	88
% C13DCPE Recovery (FID)		8.69	104	105	104	N/A	103	102	101	102	102
% 4CLTOL Recovery (FID)		15.54	114	117	117	N/A	109	105	104	105	106



INTERPHASE
ENVIRONMENTAL, INC

Table I. Analytical Result of Samples

Lab ID: Phase 10
Operator: Daniel Alvarez

Report

Sample ID :
Date Collected :
Time Collected :
Date Analyzed :
Time Analyzed :
Volume Analyzed (ml) :

Compound Name	Detector	RT (min)	SVE-5 @ 63 10/27/00 14:05 10/27/00 14:23 1	SVE-5 @ 63DUP 10/27/00 14:05 10/27/00 14:23 1	B-9 @ 50 10/27/00 14:56 10/27/00 15:06 1	B-9 @ 25 10/27/00 15:02 10/27/00 15:27 1	B-10 @ 40 10/27/00 15:35 10/27/00 15:48 1	SVE- INFLUENT 10/27/00 15:42 10/27/00 16:09 1
Dichlorodifluoromethane	ELCD	1.42	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	1.83	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	2.40	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	2.72	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	3.85	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	ELCD	4.13	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	4.57	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	ELCD	5.23	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	5.62	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	5.78	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	5.98	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	6.32	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	7.15	<1	<1	<1	<1	1.0	3.6
1,1,2-Trichloroethane	ELCD	9.98	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ELCD	10.15	<1	<1	1.4	<1	17	5.5
1,1,1,2-Tetrachloroethane	ELCD	12.07	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	14.82	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	PID	3.28	<1	<1	<1	<1	<1	<1
Benzene	PID	6.24	<1	<1	<1	<1	<1	<1
Toluene	PID	9.17	<1	<1	<1	<1	<1	<1
Ethyl Benzene	PID	12.13	<1	<1	<1	<1	<1	<1
m/p-Xylene	PID	12.39	<1	<1	<1	<1	<1	2.0
o-Xylene	PID	13.23	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorotrifluoroethane	FID	4.10	<1	<1	<1	<1	<1	<1
TVH	FID		<100	<100	<100	<100	<100	<100
% C13DCPE Recovery (ELCD)		8.66	99	99	94	93	93	99
% C13DCPE Recovery (PID)		8.64	86	87	88	88	88	91
% 4CLTOL Recovery (PID)		15.19	88	89	80	90	94	102
% C13DCPE Recovery (FID)		8.69	102	103	103	103	104	105
% 4CLTOL Recovery (FID)		15.54	106	107	106	108	111	117



INTERPHASE
ENVIRONMENTAL, INC

Date Calibrated: October 24, 2000
 Analyst: Daniel Alvarez
 Standard: CAL9905
 Date Standard Prepared: Sept. 28, 1999
 Concentration Level:
 Amount of Standard Injected (mL):

Table II. Initial Calibration Results
 Lab ID: Phase 10

Final Report

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	LEVEL 1			LEVEL 2			LEVEL 3		
				Mass(ng)	Area	RF	Mass(ng)	Area	RF	Mass(ng)	Area	RF
Dichlorodifluoromethane	ELCD	1.46	490	4.90	11936	4.11E-04	19.6	50008	3.92E-04	98.0	225457	4.35E-04
Vinyl Chloride	ELCD	1.87	492	4.92	13735	3.58E-04	19.7	60191	3.27E-04	98.4	273234	3.60E-04
Chloroethane	ELCD	2.43	508	5.08	12125	4.19E-04	20.3	51869	3.92E-04	101.6	228220	4.45E-04
Trichlorofluoromethane	ELCD	2.75	505	5.05	22767	2.22E-04	20.2	97647	2.07E-04	101.0	422552	2.39E-04
Dichloromethane	ELCD	3.89	497	4.97	21652	2.30E-04	19.9	82670	2.40E-04	99.4	369485	2.69E-04
trans-1,2-Dichloroethene	ELCD	4.18	508	5.08	19830	2.56E-04	20.3	80010	2.54E-04	101.6	357991	2.84E-04
1,1-Dichloroethane	ELCD	4.63	463	4.63	13746	3.37E-04	18.5	61292	3.02E-04	92.6	278087	3.33E-04
cis-1,2-Dichloroethene	ELCD	4.98	498	4.98	18494	2.69E-04	19.9	77760	2.56E-04	99.6	351729	2.83E-04
Chloroform	ELCD	5.69	495	4.95	23183	2.14E-04	19.8	96197	2.06E-04	99.0	426660	2.32E-04
1,1,1-Trichloroethane	ELCD	5.86	500	5.00	23577	2.12E-04	20.0	94024	2.13E-04	100.0	400831	2.49E-04
Carbon Tetrachloride	ELCD	6.06	493	4.93	30300	1.63E-04	19.7	113398	1.74E-04	98.6	482473	2.04E-04
1,2-Dichloroethane	ELCD	6.39	496	4.96	21145	2.35E-04	19.8	79080	2.51E-04	99.2	352004	2.82E-04
Trichloroethene	ELCD	7.25	489	4.89	28454	1.85E-04	19.6	88001	2.22E-04	97.8	401820	2.43E-04
1,1,2-Trichloroethane	ELCD	10.12	495	4.95	22738	2.18E-04	19.8	83523	2.37E-04	99.0	391329	2.53E-04
Tetrachloroethene	ELCD	10.28	493	4.93	32329	1.52E-04	19.7	108749	1.81E-04	98.6	504676	1.95E-04
1,1,1,2-Tetrachloroethane	ELCD	12.24	497	4.97	27576	1.80E-04	19.9	94580	2.10E-04	99.4	456621	2.18E-04
1,1,2,2-Tetrachloroethane	ELCD	14.98	501	5.01	33121		20.0	91178	2.20E-04	100.2	485284	2.08E-04
1,1-Dichloroethene	PID	3.29	495	4.95	6044	8.19E-04	19.8	27368	7.23E-04	99.0	135281	7.32E-04
Benzene	PID	6.28	508	5.08	13918	3.65E-04	20.3	63224	3.21E-04	101.6	316216	3.21E-04
Toluene	PID	9.26	494	4.94	13006	3.80E-04	19.8	57060	3.46E-04	98.8	293030	3.37E-04
Ethyl Benzene	PID	12.26	495	4.95	19108	2.59E-04	19.8	52660	3.76E-04	99.0	276247	3.58E-04
m,p-Xylene	PID	12.53	981	9.81	38915	2.52E-04	39.2	142763	2.75E-04	196.2	732801	2.68E-04
o-Xylene	PID	13.38	489	4.89	13414	3.65E-04	19.6	53509	3.66E-04	97.8	292940	3.34E-04
1,1,2-Trichlorotrifluoroethane	FID	4.15	495	4.95	1121	4.42E-03	19.8	4404	4.50E-03	99.0	18072	5.48E-03
TVH	FID		12377	123.77	104689	1.18E-03	495.1	340429	1.45E-03	2475.4	1471108	1.68E-03



INTERPHASE
ENVIRONMENTAL INC.

Date Calibrated: October 24, 2000
Analyst: Daniel Alvarez
Standard: CAL9905
Date Standard Prepared: Sept. 28, 1999
Concentration Level:
Amount of Standard Injected (mL):

LEVEL 4
1

Table II. Initial Calibration Results

Final Report

Lab ID: Phase 10

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Mass(ng)	Area	RF	Aver. RF	Std. Div.	%RSD	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.46	490	490	1066721	4.59E-04	4.24E-04	2.93E-05	6.9	<30
Vinyl Chloride	ELCD	1.87	492	492	1244349	3.95E-04	3.60E-04	2.80E-05	7.8	<30
Chloroethane	ELCD	2.43	508	508	1055549	4.81E-04	4.34E-04	3.82E-05	8.8	<30
Trichlorofluoromethane	ELCD	2.75	505	505	1825673	2.77E-04	2.36E-04	3.00E-05	12.7	<30
Dichloromethane	ELCD	3.89	497	497	1614775	3.08E-04	2.62E-04	3.49E-05	13.4	<20
trans-1,2-Dichloroethene	ELCD	4.18	508	508	1524040	3.33E-04	2.82E-04	3.69E-05	13.1	<20
1,1-Dichloroethane	ELCD	4.63	463	463	1314295	3.52E-04	3.31E-04	2.10E-05	6.3	<20
cis-1,2-Dichloroethene	ELCD	5.29	498	498	1576433	3.16E-04	2.81E-04	2.57E-05	9.1	<20
Chloroform	ELCD	5.69	495	495	1832111	2.70E-04	2.30E-04	2.87E-05	12.5	<20
1,1,1-Trichloroethane	ELCD	5.86	500	500	1768530	2.83E-04	2.39E-04	3.38E-05	14.1	<20
Carbon Tetrachloride	ELCD	6.06	493	493	2121035	2.32E-04	1.93E-04	3.14E-05	16.3	<20
1,2-Dichloroethane	ELCD	6.39	496	496	1636868	3.03E-04	2.68E-04	3.07E-05	11.5	<20
Trichloroethene	ELCD	7.25	489	489	1744555	3.10E-04	2.17E-04	2.96E-05	13.7	<20
1,1,2-Trichloroethane	ELCD	10.12	495	495	1597511	3.10E-04	2.54E-04	3.97E-05	15.6	<20
Tetrachloroethene	ELCD	10.28	493	493	2055669	2.64E-04	1.76E-04	2.19E-05	12.4	<20
1,1,1,2-Tetrachloroethane	ELCD	12.24	497	497	1881824	2.69E-04	2.18E-04	3.47E-05	15.9	<20
1,1,2,2-Tetrachloroethane	ELCD	14.98	501	501	1861883	2.69E-04	2.32E-04	3.30E-05	14.2	<20
1,1-Dichloroethene	PID	3.29	495	495	761750	6.50E-04	7.31E-04	6.93E-05	9.5	<20
Benzene	PID	6.28	508	508	1630950	3.11E-04	3.30E-04	2.39E-05	7.3	<20
Toluene	PID	9.26	494	494	1559325	3.17E-04	3.45E-04	2.63E-05	7.6	<20
Ethyl Benzene	PID	12.26	495	495	1439610	3.44E-04	3.34E-04	5.19E-05	15.5	<20
m/p-Xylene	PID	12.53	981	981	3525855	2.78E-04	2.68E-04	1.16E-05	4.3	<20
o-Xylene	PID	13.38	489	489	1520814	3.22E-04	3.46E-04	2.21E-05	6.4	<20
1,1,2-Trichlorotrifluoroethane	FID	4.15	495	495	94125	5.26E-03	4.91E-03	5.36E-04	10.9	<30
TVH	FID		12377	12377	7327479	1.69E-03	1.50E-03	2.40E-04	15.9	<30



INTERPHASE
ENVIRONMENTAL, INC.

Date Calibrated: October 24, 2000
 Calibration Standard: CAL9905
 LCS Standard: CAL9906
 Date Standard Prepared: September 28, 1999
 Analyst: Daniel Alvarez
 Date LCS Checked:
 Time LCS Checked:
 Amount of LCS Injected (mL):

24-Oct-00
9:58
0.2

24-Oct-00
15:52
0.2

Table III. LCS Check Results
Lab ID: Phase 10

Final Report

Compound Name	Detector	RT (min)	Stand Conc. (ug/L)	Area	RF	Cal. Avr. RF	% Dev.	AcptL Rng.	Area	RF	Cal. Avr. RF	% Dev.	AcptL Rng.
Dichlorodifluoromethane	ELCD	1.46	489	206045	4.75E-04	4.12E-04	15.3	±25	220493	4.44E-04	4.12E-04	7.7	±25
Vinyl Chloride	ELCD	1.87	481	257019	3.82E-04	3.43E-04	11.3	±25	275047	3.57E-04	3.43E-04	4.0	±25
Chloroethane	ELCD	2.43	507	218069	4.65E-04	4.29E-04	8.3	±25	228176	4.44E-04	4.29E-04	3.5	±25
Trichlorofluoromethane	ELCD	2.75	537	395366	2.72E-04	2.28E-04	19.3	±25	424106	2.53E-04	2.28E-04	11.2	±25
Dichloromethane	ELCD	3.89	497	342666	2.90E-04	2.58E-04	12.4	±15	371121	2.68E-04	2.58E-04	3.8	±15
trans-1,2-Dichloroethene	ELCD	4.18	496	336393	2.95E-04	2.76E-04	6.7	±15	359668	2.76E-04	2.76E-04	-0.2	±15
1,1-Dichloroethane	ELCD	4.63	413	268457	3.08E-04	3.21E-04	-4.1	±15	289710	2.85E-04	3.21E-04	-11.2	±15
cis-1,2-Dichloroethane	ELCD	5.29	502	334727	3.00E-04	2.85E-04	5.2	±15	351321	2.85E-04	2.85E-04	0.2	±15
Chloroform	ELCD	5.69	485	385550	2.57E-04	2.36E-04	8.8	±15	417456	2.37E-04	2.36E-04	0.5	±15
1,1,1-Trichloroethane	ELCD	5.86	491	372585	2.64E-04	2.48E-04	6.1	±15	398182	2.47E-04	2.48E-04	-0.7	±15
Carbon Tetrachloride	ELCD	6.06	492	451634	2.18E-04	2.04E-04	7.0	±15	486369	2.02E-04	2.04E-04	-0.6	±15
1,2-Dichloroethane	ELCD	6.36	489	337609	2.90E-04	2.59E-04	11.9	±15	373764	2.62E-04	2.59E-04	1.1	±15
Trichloroethene	ELCD	7.25	493	367818	2.68E-04	2.49E-04	7.8	±15	391241	2.52E-04	2.49E-04	1.4	±15
1,1,2-Trichloroethane	ELCD	10.12	491	346722	2.83E-04	2.67E-04	6.2	±15	364872	2.69E-04	2.67E-04	0.9	±15
Tetrachloroethene	ELCD	10.28	519	441567	2.35E-04	2.06E-04	14.4	±15	472947	2.19E-04	2.06E-04	6.8	±15
1,1,1,2-Tetrachloroethane	ELCD	12.24	499	404435	2.47E-04	2.31E-04	7.0	±15	430225	2.32E-04	2.31E-04	0.6	±15
1,1,2,2-Tetrachloroethane	ELCD	14.98	494	429228	2.30E-04	2.32E-04	-0.7	±15	457441	2.16E-04	2.32E-04	-6.8	±15
1,1-Dichloroethene	PID	3.29	509	135767	7.50E-04	7.23E-04	3.7	±15	124014	8.21E-04	7.23E-04	13.6	±15
Benzene	PID	6.28	505	313052	3.23E-04	3.19E-04	1.1	±15	289347	3.49E-04	3.19E-04	9.4	±15
Toluene	PID	9.26	494	287287	3.44E-04	3.24E-04	6.1	±15	265549	3.71E-04	3.24E-04	14.3	±15
Ethyl Benzene	PID	12.26	494	275216	3.59E-04	3.59E-04	-0.1	±15	254620	3.88E-04	3.59E-04	8.0	±15
m/p-Xylene	PID	12.53	995	714994	2.78E-04	2.74E-04	1.7	±15	656761	3.03E-04	2.74E-04	10.7	±15
o-Xylene	PID	13.38	496	269702	3.42E-04	3.40E-04	0.6	±15	265820	3.73E-04	3.40E-04	9.7	±15
1,1,2-Trichlorotrifluoroethane	FID	4.15	484	18221	5.31E-03	4.66E-03	9.3	±25	17877	5.41E-03	4.66E-03	11.4	±25



INTERPHASE
ENVIRONMENTAL, INC.

Date Calibrated: October 24, 2000
 Calibration Standard: CAL9905
 LCS Standard: CAL9906
 Date Standard Prepared: September 28, 1999
 Analyst: Daniel Alvarez
 Date LCS Checked:
 Time LCS Checked:
 Amount of LCS Injected (mL):

25-Oct-00
17:29
0.2

26-Oct-00
16:38
0.2

Table III. LCS Check Results
Lab ID: Phase 10

Final Report

Compound Name	Detector	RT (min)	Strnd Conc. (ug/L)	Area	RF	Cal. Avr. RF	% Dev.	Acpt. Rng.	Area	RF	Cal. Avr. RF	% Dev.	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.46	489	208715	4.69E-04	4.12E-04	13.8	±25	231857	4.22E-04	4.12E-04	2.5	±25
Vinyl Chloride	ELCD	1.87	491	249166	3.94E-04	3.43E-04	14.8	±25	277757	3.54E-04	3.43E-04	3.0	±25
Chloroethane	ELCD	2.43	507	212885	4.76E-04	4.29E-04	10.9	±25	236328	4.29E-04	4.29E-04	-0.1	±25
Trichlorofluoromethane	ELCD	2.75	537	405725	2.65E-04	2.28E-04	16.2	±25	429211	2.50E-04	2.28E-04	9.9	±25
Dichloromethane	ELCD	3.89	497	351631	2.83E-04	2.58E-04	9.5	±15	388078	2.56E-04	2.58E-04	-0.7	±15
trans-1,2-Dichloroethane	ELCD	4.18	496	344868	2.88E-04	2.76E-04	4.1	±15	377495	2.63E-04	2.76E-04	-4.9	±15
1,1-Dichloroethane	ELCD	4.63	413	278355	2.97E-04	3.21E-04	-7.5	±15	298049	2.77E-04	3.21E-04	-13.6	±15
cis-1,2-Dichloroethane	ELCD	5.29	502	340895	2.95E-04	2.85E-04	3.4	±15	373847	2.69E-04	2.85E-04	-5.7	±15
Chloroform	ELCD	5.69	495	399519	2.48E-04	2.36E-04	5.0	±15	428863	2.31E-04	2.36E-04	-2.2	±15
1,1,1-Trichloroethane	ELCD	5.86	491	382248	2.57E-04	2.48E-04	3.5	±15	413241	2.38E-04	2.48E-04	-4.3	±15
Carbon Tetrachloride	ELCD	6.06	492	463610	2.12E-04	2.04E-04	4.3	±15	502909	1.96E-04	2.04E-04	-3.9	±15
1,2-Dichloroethane	ELCD	6.39	489	360392	2.71E-04	2.59E-04	4.9	±15	379298	2.58E-04	2.59E-04	-0.4	±15
Trichloroethene	ELCD	7.25	493	390507	2.52E-04	2.49E-04	1.5	±15	412588	2.39E-04	2.49E-04	-3.9	±15
1,1,2-Trichloroethane	ELCD	10.12	491	353972	2.77E-04	2.67E-04	4.0	±15	373809	2.63E-04	2.67E-04	-1.5	±15
Tetrachloroethene	ELCD	10.28	519	459428	2.26E-04	2.06E-04	9.9	±15	484403	2.14E-04	2.06E-04	4.3	±15
1,1,1,2-Tetrachloroethane	ELCD	12.24	499	413713	2.41E-04	2.31E-04	4.6	±15	440127	2.27E-04	2.31E-04	-1.7	±15
1,1,2,2-Tetrachloroethane	ELCD	14.98	494	432363	2.29E-04	2.32E-04	-1.4	±15	458873	2.15E-04	2.32E-04	-7.1	±15
1,1-Dichloroethene	PID	3.29	509	125462	8.11E-04	7.23E-04	12.3	±15	122762	8.28E-04	7.23E-04	14.7	±15
Benzene	PID	6.28	505	291745	3.46E-04	3.19E-04	8.5	±15	284601	3.55E-04	3.19E-04	11.2	±15
Toluene	PID	9.26	494	265410	3.72E-04	3.24E-04	14.8	±15	265752	3.72E-04	3.24E-04	14.7	±15
Ethyl Benzene	PID	12.26	494	254333	3.88E-04	3.59E-04	8.1	±15	248798	3.97E-04	3.59E-04	10.5	±15
m/p-Xylene	PID	12.53	995	653114	3.05E-04	2.74E-04	11.4	±15	659435	3.02E-04	2.74E-04	10.3	±15
o-Xylene	PID	13.38	496	261769	3.79E-04	3.40E-04	11.4	±15	264225	3.75E-04	3.40E-04	10.3	±15
1,1,2-Trichlorotrifluoroethane	FID	4.15	484	18106	5.35E-03	4.86E-03	10.0	±25	17749	5.45E-03	4.86E-03	12.2	±25



INTERPHASE
ENVIRONMENTAL, INC.

Table III. LCS Check Results
Lab ID: Phase 10

Final Report

Date Calibrated: October 24, 2000
 Calibration Standard: CAL9905
 LCS Standard: CAL9906
 Date Standard Prepared: September 28, 1999
 Analyst: Daniel Alvarez
 Date LCS Checked:
 Time LCS Checked:
 Amount of LCS Injected (mL):

27-Oct-00
 16:36
 0.2

Compound Name	Detector	RT (min)	Strd Conc. (ug/L)	Area	RF	Cal. Avr. RF	% Dev.	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.46	489	220758	4.43E-04	4.12E-04	7.6	±25
Vinyl Chloride	ELCD	1.87	491	264359	3.71E-04	3.43E-04	8.2	±25
Chloroethane	ELCD	2.43	507	228428	4.44E-04	4.29E-04	3.4	±25
Trichlorofluoromethane	ELCD	2.75	537	416263	2.58E-04	2.28E-04	13.3	±25
Dichloromethane	ELCD	3.89	497	361720	2.75E-04	2.58E-04	6.5	±15
trans-1,2-Dichloroethene	ELCD	4.18	496	341922	2.90E-04	2.76E-04	5.0	±15
1,1-Dichloroethane	ELCD	4.63	413	267464	3.09E-04	3.21E-04	-3.8	±15
cis-1,2-Dichloroethene	ELCD	5.29	502	346940	2.89E-04	2.85E-04	1.5	±15
Chloroform	ELCD	5.69	495	409237	2.42E-04	2.36E-04	2.5	±15
1,1,1-Trichloroethane	ELCD	5.86	491	392245	2.50E-04	2.48E-04	0.8	±15
Carbon Tetrachloride	ELCD	6.06	492	468725	2.10E-04	2.04E-04	3.1	±15
1,2-Dichloroethane	ELCD	6.39	489	340895	2.87E-04	2.59E-04	10.9	±15
Trichloroethene	ELCD	7.25	493	394257	2.50E-04	2.49E-04	0.6	±15
1,1,2-Trichloroethane	ELCD	10.12	491	386533	2.54E-04	2.67E-04	-4.7	±15
Tetrachloroethene	ELCD	10.28	519	496852	2.09E-04	2.06E-04	1.7	±15
1,1,1,2-Tetrachloroethane	ELCD	12.24	499	454903	2.19E-04	2.31E-04	-4.9	±15
1,1,1,2,2-Tetrachloroethane	ELCD	14.98	494	482675	2.05E-04	2.32E-04	-11.7	±15
1,1-Dichloroethane	PID	3.29	509	123356	8.25E-04	7.23E-04	14.2	±15
Benzene	PID	6.28	505	284136	3.55E-04	3.19E-04	11.4	±15
Toluene	PID	9.26	494	267459	3.69E-04	3.24E-04	13.9	±15
Ethyl Benzene	PID	12.26	484	251164	3.93E-04	3.59E-04	9.4	±15
m/p-Xylene	PID	12.53	995	666069	2.89E-04	2.74E-04	9.2	±15
o-Xylene	PID	13.38	496	266286	3.73E-04	3.40E-04	9.5	±15
1,1,2-Trichlorotrifluoroethane	FID	4.15	484	18278	5.30E-03	4.86E-03	9.0	±25



INTERPHASE
ENVIRONMENTAL, INC

Analyst: Daniel Alvarez
Standard: CAL9905
Date Standard Prepared: Sept. 28, 1999
Date Calibration Checked:
Time Calibration Checked:
Amount of Standard Injected (mL)

25-Oct-00
7:38
0.2

26-Oct-00
7:42
0.2

Table IV. Daily Calibration Check Results

Lab ID: Phase 10

F. Report

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Calcd. RF	Area	RF	% Dev.	Acpt Rng.	Area	RF	% Dev.	Acpt Rng.
trans-1,2-Dichloroethene	ELCD	4.22	508	2.76E-04	357969	2.84E-04	2.7	±15	346379	2.93E-04	6.1	±15
1,1-Dichloroethane	ELCD	4.68	463	3.21E-04	278914	3.32E-04	3.5	±15	275830	3.36E-04	4.6	±15
cis-1,2-Dichloroethene	ELCD	5.34	498	2.85E-04	346974	2.87E-04	0.7	±15	346995	2.87E-04	0.7	±15
1,1,1-Trichloroethane	ELCD	5.92	500	2.48E-04	398520	2.50E-04	0.8	±15	392024	2.55E-04	2.7	±15
1,2-Dichloroethane	ELCD	6.46	496	2.59E-04	348114	2.85E-04	10.1	±15	344052	2.88E-04	11.4	±15
Trichloroethene	ELCD	7.31	489	2.49E-04	398817	2.45E-04	-1.4	±15	383737	2.55E-04	2.5	±15
1,1,2-Trichloroethane	ELCD	10.19	495	2.67E-04	384454	2.58E-04	-3.4	±15	362984	2.73E-04	2.3	±15
Tetrachloroethene	ELCD	10.36	493	2.06E-04	492264	2.00E-04	-2.5	±15	481868	2.05E-04	-0.4	±15
1,1-Dichloroethene	PID	3.33	495	7.23E-04	130188	7.60E-04	5.2	±15	123301	8.03E-04	11.1	±15
Benzene	PID	6.35	508	3.19E-04	304518	3.34E-04	4.5	±15	285351	3.56E-04	11.6	±15
Toluene	PID	9.33	494	3.24E-04	283156	3.49E-04	7.6	±15	266313	3.71E-04	14.4	±15
m/p-Xylene	PID	12.60	981	2.74E-04	702945	2.79E-04	2.0	±15	659626	2.97E-04	8.7	±15
o-Xylene	PID	13.46	489	3.40E-04	281762	3.47E-04	2.0	±15	265168	3.69E-04	8.4	±15

Table IV. Daily Calibration Check Results
Lab ID: Phase 10

Analyst: Daniel Alvarez
 Standard: CAL9905
 Date Standard Prepared: Sept. 28, 1999
 Date Calibration Checked:
 Time Calibration Checked: 27-Oct-00
 Amount of Standard Injected (mL) 7:20
 0.2

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Calcd. RF	Area	RF	% Dev.	Acpt. Rng.
trans-1,2-Dichloroethene	ELCD	4.22	508	2.76E-04	324827	3.13E-04	13.2	±15
1,1-Dichloroethane	ELCD	4.68	463	3.21E-04	260731	3.55E-04	10.7	±15
cis-1,2-Dichloroethene	ELCD	5.34	498	2.85E-04	316811	3.14E-04	10.3	±15
1,1,1-Trichloroethane	ELCD	5.92	500	2.48E-04	368254	2.72E-04	9.4	±15
1,2-Dichloroethane	ELCD	6.46	496	2.59E-04	335382	2.96E-04	14.3	±15
Trichloroethene	ELCD	7.31	489	2.49E-04	362345	2.70E-04	8.5	±15
1,1,2-Trichloroethane	ELCD	10.19	495	2.67E-04	349135	2.84E-04	6.3	±15
Tetrachloroethene	ELCD	10.36	493	2.06E-04	465377	2.12E-04	3.1	±15
1,1-Dichloroethene	PID	3.33	495	7.23E-04	126396	7.83E-04	8.4	±15
Benzene	PID	6.35	508	3.19E-04	291642	3.48E-04	9.2	±15
Toluene	PID	9.33	494	3.24E-04	266877	3.70E-04	14.2	±15
m/p-Xylene	PID	12.60	981	2.74E-04	664573	2.95E-04	7.9	±15
o-Xylene	PID	13.46	489	3.40E-04	266877	3.66E-04	7.7	±15



INTERPHASE
ENVIRONMENTAL, INC

APPENDIX H

SOIL GAS ANALYTICAL REPORT - FEBRUARY 13, 2001



INTERPHASE ENVIRONMENTAL, INC.

MOBILE LABORATORIES AND DIRECT PUSH DRILLING

Tuesday, February 13, 2001

Mr. John Ward
Hydro Geo Chem, Inc.
51 Wetmore, Suite 101
Tucson, AZ 85705-1678

Phone: (800) 727-5547
Fax: (520) 293-1550

Dear Mr. Ward:

Enclosed is the analytical report for the samples analyzed by InterPhase Environmental, Inc. for the following project.

Project Name: Zero Facility, Burbank, CA
Project Number: 01018

The report consists of the following sections;

- I. Sample Description;
- II. Laboratory Case Narrative and Chain of Custody Forms;
- III. Analytical Results;
- IV. Laboratory Certification.

If you have any questions regarding the results, please call me at (800) 457-3300.

Sincerely,
InterPhase Environmental

David Q. Feng, Ph.D.
Director of Laboratories



Analytical Report

InterPhase Project Number: 01018

Analysis Performed for: Hydro Geo Chem, Inc.

Project Name: Zero Facility, Burbank, CA

I. SAMPLE DESCRIPTION AND ANALYSIS REQUESTED

Date	Sample No.	InterPhase Lab	Analysis Requested
01/31/01	B-2/25'/A	Phase 17	LARWQCB*
01/31/01	B-2/25'/B	Phase 17	LARWQCB
01/31/01	B-2/25'/C	Phase 17	LARWQCB
01/31/01	B-2/50'	Phase 17	LARWQCB
01/31/01	B-2/75'	Phase 17	LARWQCB
01/31/01	B-11/20'	Phase 17	LARWQCB
01/31/01	B-11/40'	Phase 17	LARWQCB
01/31/01	B-11/60'	Phase 17	LARWQCB
01/31/01	B-11/85'	Phase 17	LARWQCB
01/31/01	B-10/20'	Phase 17	LARWQCB
01/31/01	B-10/40'	Phase 17	LARWQCB
01/31/01	B-10/60'	Phase 17	LARWQCB
01/31/01	B-3/25'	Phase 17	LARWQCB
01/31/01	B-3/50'	Phase 17	LARWQCB
01/31/01	B-3/75'	Phase 17	LARWQCB
01/31/01	B-4/17'	Phase 17	LARWQCB
01/31/01	B-4/50'	Phase 17	LARWQCB
01/31/01	B-4/75'	Phase 17	LARWQCB
01/31/01	B-9/50'	Phase 17	LARWQCB
01/31/01	B-9/22'	Phase 17	LARWQCB
01/31/01	AA010131	Phase 17	LARWQCB
02/01/01	B-10/85'	Phase 17	LARWQCB
02/01/01	B-9/75'	Phase 17	LARWQCB
02/01/01	B-7/22'	Phase 17	LARWQCB
02/01/01	B-7/50'	Phase 17	LARWQCB

*Los Angeles Regional Water Quality Control Board (LARWQCB) for active soil gas investigations under the Well Investigation Program (WIP), (February 1997).



Date	Sample No.	InterPhase Lab	Analysis Requested
02/01/01	B-7/75'	Phase 17	LARWQCB
02/01/01	B-12/23'	Phase 17	LARWQCB
02/01/01	B-12/46'	Phase 17	LARWQCB
02/01/01	B-12/68'	Phase 17	LARWQCB
02/01/01	B-12/94'	Phase 17	LARWQCB
02/01/01	SVE-1/85'	Phase 17	LARWQCB
02/01/01	SVE-7/85'	Phase 17	LARWQCB
02/01/01	SVE-5/63'	Phase 17	LARWQCB
02/01/01	AA010201	Phase 17	LARWQCB
02/01/01	SVE-3/85'	Phase 17	LARWQCB
02/01/01	MW-5/17'	Phase 17	LARWQCB
02/01/01	MW-5/50'	Phase 17	LARWQCB
02/01/01	MW-5/75'	Phase 17	LARWQCB
02/01/01	MW-3/25'	Phase 17	LARWQCB
02/01/01	MW-3/50'	Phase 17	LARWQCB
02/01/01	MW-3/75'	Phase 17	LARWQCB
02/01/01	MW-1/25'	Phase 17	LARWQCB
02/01/01	MW-1/50'	Phase 17	LARWQCB
02/01/01	MW-1/75'	Phase 17	LARWQCB
02/02/01	SVE-1	Phase 17	LARWQCB
02/02/01	SVE-7	Phase 17	LARWQCB
02/02/01	SVE-10	Phase 17	LARWQCB
02/02/01	SVE-15	Phase 17	LARWQCB
02/02/01	SVE-9	Phase 17	LARWQCB
02/02/01	SVE-11	Phase 17	LARWQCB
02/02/01	SVE-6/DEEP	Phase 17	LARWQCB
02/02/01	SVE-6/SHALLOW	Phase 17	LARWQCB
02/02/01	SVE-14	Phase 17	LARWQCB
02/02/01	SVE-16	Phase 17	LARWQCB
02/02/01	SVE-17	Phase 17	LARWQCB
02/02/01	SVE-18	Phase 17	LARWQCB
02/02/01	SVE-5	Phase 17	LARWQCB
02/02/01	SVE-19	Phase 17	LARWQCB
02/02/01	SVE-20	Phase 17	LARWQCB
02/02/01	SVE-4	Phase 17	LARWQCB
02/02/01	SVE-12	Phase 17	LARWQCB
02/02/01	SVE-13	Phase 17	LARWQCB
02/02/01	SVE-3	Phase 17	LARWQCB
02/02/01	SVE-8	Phase 17	LARWQCB
02/02/01	AA010202	Phase 17	LARWQCB



II. LABORATORY CASE NARRATIVE AND CHAIN OF CUSTODY FORMS

InterPhase Project Number: 01018

Analysis Performed for: Hydro Geo Chem, Inc.

All samples were collected in gas tight syringes by Hydro Geo Chem's field representative on Wednesday, January 31, 2001 through Friday, February 2, 2001. The samples were collected from existing vapor monitoring wells and sapling points along the vapor extraction manifold system. Samples were delivered to InterPhase's onsite laboratory and analyzed immediately after their collection. Sample collecting information was recorded on InterPhase's Chain of Custody Forms and InterPhase's Field Data Sheets.

All the samples in this report met all laboratory quality control procedures. InterPhase followed analytical protocols acceptable to the Los Angeles Regional Water Quality Control Board (LARWQCB) for active soil gas investigation under the Well Investigation Program (WIP), (February 1997).

III. ANALYTICAL RESULTS

Table I: Analytical Result of Samples presents the measured analyte concentrations of all samples and ambient air analyzed during the investigation. Concentrations are reported in micrograms per liter ($\mu\text{g/L}$) for Volatile Organic Compounds (VOCs). Surrogate recoveries are also reported in *Table I*. All surrogate recoveries are within the control limits (70% to 130%).

Table II: Initial Calibration Results presents the multi-point calibration performed on January 17th, 2001. For all target compounds, the percent relative standard deviations (%RSD) are within the control limits required by the QA/QC objective.

Table III: LCS Check Results presents the middle concentration check of the calibration results by a Laboratory Control Standard to validate the calibration. The percent differences of responses for the calibration and the LCS check are within control limits for all target analytes.

Table IV: Daily Calibration Check Results presents the daily middle concentration calibration check performed on January 31, February 1, and February 2, 2001, before sample analyses were



started. For all target compounds, the percent deviation of response factor was within control limits required by the QA/QC objective.

IV. LABORATORY CERTIFICATION

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness.

David Q. Feng, Ph.D.
Director of Laboratories



INTERPHASE
ENVIRONMENTAL, INC.

Table I. Analytical Result of Samples

Lab ID: Phase 17

Operator: Daniel Alvarez

Final Report

Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	SB010130 1/30/01 8:55 1/30/01 8:56 1	SB010131 1/31/01 8:04 1/31/01 8:04 1	B-2/25/ A 1/31/01 7:20 1/31/01 7:26 1	B-2/25/ B 1/31/01 7:33 1/31/01 7:46 1	B-2/25/ C 1/31/01 7:54 1/31/01 8:06 1	B-2/ 50' 1/31/01 8:24 1/31/01 8:26 1	B-2/ 75' 1/31/01 8:42 1/31/01 8:45 1	B-11/ 20' 1/31/01 8:52 1/31/01 9:00 1	B-11/ 40' 1/31/01 8:55 1/31/01 9:05 1
Dichlorodifluoromethane	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	2.33	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	3.00	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	3.38	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	4.62	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	ELCD	4.97	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	5.48	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	ELCD	6.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	6.66	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	6.90	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	7.15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	7.44	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	8.43	<1	<1	<1	<1	<1	<1	<1	2.7	3.7	<1	3.1	<1	1.5	<1	1.5
1,1,2-Trichloroethane	ELCD	11.40	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ELCD	11.69	<1	<1	<1	<1	<1	<1	650	710	<1	660	<1	6.8	<1	<1	5.4
1,1,1,2-Tetrachloroethane	ELCD	13.65	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	15.87	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	PID	3.99	<100	109	104	95	<100	390	450	420	<100	<100	<100	<100	<100	<100	<100
Benzene	PID	7.39	76	94	91	99	109	101	100	101	103	103	103	103	103	105	104
Toluene	PID	10.59	97	86	85	99	94	93	94	94	93	94	94	93	94	94	94
Ethyl Benzene	PID	13.70	91	104	103	99	86	89	84	89	89	84	95	85	96	97	97
m/p-Xylene	PID	13.98	103	95	99	99	104	103	103	103	103	103	103	103	103	103	103
o-Xylene	PID	14.76	99	95	99	99	95	98	103	98	103	103	104	105	105	105	106
1,1,2-Trichlorotrifluoroethane	FID	3.98	<100	109	104	99	<100	390	450	420	<100	<100	<100	<100	<100	<100	<100
TVH	FID	10.02	76	94	91	99	109	101	100	101	103	103	103	103	103	105	104
% C13DCPE Recovery (ELCD)		8.98	97	86	85	99	94	93	94	94	93	94	94	93	94	94	94
% C13DCPE Recovery (PID)		16.21	91	104	103	99	86	89	84	89	89	84	95	85	96	97	97
% 4CLTOL Recovery (PID)		8.54	103	95	99	99	104	103	103	103	103	103	103	103	103	103	103
% C13DCPE Recovery (FID)		15.44	99	95	99	99	95	98	103	98	103	103	104	105	105	105	106
% 4CLTOL Recovery (FID)																	

Ze...ility
Burbank, CA



INTERPHASE
ENVIRONMENTAL, INC.

Table I. Analytical Result of Samples

Lab ID: Phase 17

Operator: Daniel Alvarez

Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	B-11/60'	B-11/85'	B-10/20'	B-10/20'/DUP	B-10/40'	B-10/60'	B-3/25'	B-3/50'	B-3/75'
	1/31/01	9:15	1/31/01	9:30	1	Dichlorodifluoromethane	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:35	1/31/01	9:45	1	Vinyl Chloride	ELCD	2.33	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:15	1	Chloroethane	ELCD	3.00	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Trichlorofluoromethane	ELCD	3.38	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Dichloromethane	ELCD	4.62	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	trans-1,2-Dichloroethene	ELCD	4.97	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,1-Dichloroethane	ELCD	5.48	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	cis-1,2-Dichloroethene	ELCD	6.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Chloroform	ELCD	6.66	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,1,1-Trichloroethane	ELCD	6.90	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Carbon Tetrachloride	ELCD	7.15	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,2-Dichloroethane	ELCD	7.44	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Trichloroethene	ELCD	8.43	<1	7.3	<1	<1	<1	<1	<1	<1	15
	1/31/01	9:58	1/31/01	10:35	1	1,1,2-Trichloroethane	ELCD	11.40	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Tetrachloroethene	ELCD	11.69	<1	25	<1	27	<1	2.6	4.2	29	9.5
	1/31/01	9:58	1/31/01	10:35	1	1,1,1,2-Tetrachloroethane	ELCD	13.65	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,1,2,2-Tetrachloroethane	ELCD	15.87	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,1-Dichloroethene	PID	3.99	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Benzene	PID	7.39	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Toluene	PID	10.59	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	Ethyl Benzene	PID	13.70	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	m/p-Xylene	PID	13.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	o-Xylene	PID	14.76	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	1,1,2-Trichlorotrifluoroethane	FID	3.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1/31/01	9:58	1/31/01	10:35	1	TVH	FID		<100	<100	<100	<100	<100	<100	<100	<100	<100
	1/31/01	9:58	1/31/01	10:35	1	% C13DCPE Recovery (ELCD)		10.02	105	98	102	103	106	106	103	103	105
	1/31/01	9:58	1/31/01	10:35	1	% C13DCPE Recovery (PID)		9.98	94	94	94	94	94	94	94	94	94
	1/31/01	9:58	1/31/01	10:35	1	% 4CLTOL Recovery (PID)		16.21	96	97	97	96	96	96	96	96	97
	1/31/01	9:58	1/31/01	10:35	1	% C13DCPE Recovery (FID)		8.54	103	104	104	103	103	103	103	103	103
	1/31/01	9:58	1/31/01	10:35	1	% 4CLTOL Recovery (FID)		15.44	106	106	106	106	106	105	105	105	106



INTERPHASE
ENVIRONMENTAL, INC.

Table I. Analytical Result of Samples

Lab ID: Phase 17
Operator: Daniel Alvarez

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Sample ID :	Date Collected :	Time Collected :	Date Analyzed :	Time Analyzed :	Volume Analyzed (ml) :	Compound Name	Detector	RT (min)	B-9/75'	B-7/22'	B-7/50'	B-7/75'	B-12/23'	B-12/46'	B-12/68'	B-12/94'	SVE-1/85'
	2/1/01	7:50	2/1/01	8:00	1	Dichlorodifluoromethane	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Vinyl Chloride	ELCD	2.33	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Chloroethane	ELCD	3.00	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Trichlorofluoromethane	ELCD	3.38	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Dichloromethane	ELCD	4.62	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	trans-1,2-Dichloroethane	ELCD	4.97	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1-Dichloroethane	ELCD	5.48	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	cis-1,2-Dichloroethane	ELCD	6.23	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Chloroform	ELCD	6.66	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1,1-Trichloroethane	ELCD	6.90	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Carbon Tetrachloride	ELCD	7.15	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,2-Dichloroethane	ELCD	7.44	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Trichloroethene	ELCD	8.43	15	<1	<1	<1	<1	<1	8.2	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1,2-Trichloroethane	ELCD	11.40	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Tetrachloroethane	ELCD	11.99	16	<1	<1	<1	3.3	2.1	15	24	7.1
	2/1/01	7:50	2/1/01	8:00	1	1,1,1,2-Tetrachloroethane	ELCD	13.65	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1,2,2-Tetrachloroethane	ELCD	15.87	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1-Dichloroethene	PID	3.99	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Benzene	PID	7.39	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Toluene	PID	10.59	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	Ethyl Benzene	PID	13.70	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	m/p-Xylene	PID	13.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	o-Xylene	PID	14.76	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	1,1,2-Trichlorotrifluoroethane	FID	3.98	<1	<1	<1	<1	<1	<1	<1	<1	<1
	2/1/01	7:50	2/1/01	8:00	1	TVH	FID	10.02	<100	<100	<100	<100	<100	<100	<100	<100	<100
	2/1/01	7:50	2/1/01	8:00	1	% C13DCPE Recovery (ELCD)		10.02	116	117	109	115	98	100	97	96	97
	2/1/01	7:50	2/1/01	8:00	1	% C13DCPE Recovery (PID)		8.98	94	93	93	93	93	93	93	94	93
	2/1/01	7:50	2/1/01	8:00	1	% 4CLTOL Recovery (PID)		16.21	94	94	94	95	95	95	95	95	95
	2/1/01	7:50	2/1/01	8:00	1	% C13DCPE Recovery (FID)		8.54	103	104	102	103	103	103	103	103	103
	2/1/01	7:50	2/1/01	8:00	1	% 4CLTOL Recovery (FID)		15.44	103	103	103	104	104	104	104	104	104



INTERPHASE
ENVIRONMENTAL, INC.

Table I. Analytical Result of Samples
Lab ID: Phase 17
Operator: Daniel Alvarez

Sample ID :	MW-3/ 25'	MW-3/ 50'	MW-3/ 75'	MW-1/ 25'	MW-1/25/DUP	MW-1/ 50'	MW-1/ 75'	SB010202	SVE-1
Date Collected :	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/2/01	2/2/01
Time Collected :	14:05	14:08	14:45	15:00	15:00	15:10	16:10	5:35	7:10
Date Analyzed :	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/1/01	2/2/01	2/2/01
Time Analyzed :	14:15	14:20	14:50	15:10	15:10	15:20	16:15	5:39	7:15
Volume Analyzed (ml) :	1	1	1	1	1	1	1	1	1
Compound Name	Detector	RT (min)	<1	<1	<1	<1	<1	<100	<100
Dichlorodifluoromethane	ELCD	1.83	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	2.33	<1	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	3.00	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	3.38	<1	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	4.62	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethane	ELCD	4.97	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	5.48	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethane	ELCD	6.23	<1	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	6.66	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	6.90	<1	3.9	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	7.15	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	7.44	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	8.43	<1	19	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	ELCD	11.40	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	ELCD	11.69	<1	1.3	<1	2.7	<1	<1	3.1
1,1,1,2-Tetrachloroethane	ELCD	13.65	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	15.87	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	PID	3.99	<1	<1	<1	<1	<1	<1	<1
Benzene	PID	7.39	<1	<1	<1	<1	<1	<1	<1
Toluene	PID	10.59	<1	<1	<1	<1	<1	<1	<1
Ethyl Benzene	PID	13.70	<1	<1	<1	<1	<1	<1	<1
m/p-Xylene	PID	13.98	<1	<1	<1	<1	<1	<1	<1
o-Xylene	PID	14.76	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorotrifluoroethane	FID	3.98	<1	<1	<1	<1	<1	<1	<1
TVH	FID		<100	<100	<100	<100	<100	<100	<100
% C13DCPE Recovery (ELCD)		10.02	97	101	103	103	102	104	111
% C13DCPE Recovery (PID)		9.88	94	94	94	94	95	96	94
% 4CLTOL Recovery (PID)		16.21	95	95	95	95	96	92	94
% C13DCPE Recovery (FID)		8.54	103	103	103	103	103	104	103
% 4CLTOL Recovery (FID)		15.44	104	104	104	103	103	99	103

Table I. Analytical Result of Samples

Lab ID: Phase 17
Operator: Daniel Alvarez

Sample ID :	SVE-8	SVE-8/DUP	AA010202
Date Collected :	2/2/01	2/2/01	2/2/01
Time Collected :	13:40	13:40	14:10
Date Analyzed :	2/2/01	2/2/01	2/2/01
Time Analyzed :	13:50	13:55	14:30
Volume Analyzed (ml) :	1	1	1
Compound Name	Detector	RT (min)	
Dichlorodifluoromethane	ELCD	1.83	<1
Vinyl Chloride	ELCD	2.33	<1
Chloroethane	ELCD	3.00	<1
Trichlorofluoromethane	ELCD	3.38	<1
Dichloromethane	ELCD	4.62	<1
trans-1,2-Dichloroethene	ELCD	4.97	<1
1,1-Dichloroethane	ELCD	5.48	<1
cis-1,2-Dichloroethene	ELCD	6.23	<1
Chloroform	ELCD	6.66	<1
1,1,1-Trichloroethane	ELCD	6.90	<1
Carbon Tetrachloride	ELCD	7.15	<1
1,2-Dichloroethane	ELCD	7.44	<1
Trichloroethene	ELCD	8.43	<1
1,1,2-Trichloroethane	ELCD	11.40	<1
Tetrachloroethene	ELCD	11.69	<1
1,1,1,2-Tetrachloroethane	ELCD	13.65	<1
1,1,2,2-Tetrachloroethane	ELCD	15.87	<1
1,1-Dichloroethane	PID	3.99	<1
Benzene	PID	7.39	<1
Toluene	PID	10.59	<1
Ethyl Benzene	PID	13.70	<1
m/p-Xylene	PID	13.98	<1
o-Xylene	PID	14.76	<1
1,1,2-Trichlorotrifluoroethane	FID	3.98	<1
TVH	FID	1300	<100
% C13DCPE Recovery (ELCD)		112	119
% C13DCPE Recovery (PID)		94	93
% 4CLTOL Recovery (PID)		109	91
% C13DCPE Recovery (FID)		104	103
% 4CLTOL Recovery (FID)		108	103



INTERPHASE
ENVIRONMENTAL, INC.



INTERPHASE
ENVIRONMENTAL, INC

Date Calibrated: January 17, 2001
Analyst: David Feng
Standard: CAL9904
Date Standard Prepared: August 25, 1999
Concentration Level:
Amount of Standard Injected (mL):

Table II. Initial Calibration Results

Lab ID: Phase 17

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	LEVEL 1			LEVEL 2			LEVEL 3		
				Mass(ng)	Area	RF	Mass(ng)	Area	RF	Mass(ng)	Area	RF
Dichlorodifluoromethane	ELCD	1.83	350	4.90	10868	4.51E-04	21.7	57663	3.78E-04	70.0	181506	3.86E-04
Vinyl Chloride	ELCD	2.33	348	4.87	16479	2.96E-04	21.6	74451	2.90E-04	69.6	258854	2.72E-04
Chloroethane	ELCD	3.00	359	5.03	9167	5.48E-04	22.3	45729	4.87E-04	71.8	145935	4.92E-04
Trichlorofluoromethane	ELCD	3.38	357	5.00	24795	2.02E-04	22.1	111987	1.98E-04	71.4	369686	1.93E-04
Dichloromethane	ELCD	4.62	351	4.91	17920	2.74E-04	21.8	78222	2.78E-04	70.2	269689	2.80E-04
trans-1,2-Dichloroethane	ELCD	4.97	359	5.03	18069	2.78E-04	22.3	79940	2.78E-04	71.8	310512	2.31E-04
1,1-Dichloroethane	ELCD	5.48	327	4.58	15134	3.02E-04	20.3	81707	2.48E-04	65.4	290412	2.25E-04
cis-1,2-Dichloroethane	ELCD	6.23	352	4.93	15724	3.13E-04	21.8	81343	2.68E-04	70.4	292929	2.40E-04
Chloroform	ELCD	6.66	350	4.90	21363	2.29E-04	21.7	108548	2.00E-04	70.0	382295	1.83E-04
1,1,1-Trichloroethane	ELCD	6.90	353	4.94	20826	2.37E-04	21.9	114670	1.91E-04	70.6	384702	1.84E-04
Carbon Tetrachloride	ELCD	7.15	348	4.87	24074	2.02E-04	21.8	128790	1.68E-04	69.6	437820	1.59E-04
1,2-Dichloroethane	ELCD	7.44	350	4.90	13168	3.72E-04	21.7	70981	3.06E-04	70.0	257237	2.72E-04
Trichloroethane	ELCD	8.43	345	4.83	23021	2.10E-04	21.4	91155	2.35E-04	69.0	329152	2.10E-04
1,1,2-Trichloroethane	ELCD	11.40	350	4.90	19148	2.56E-04	21.7	92042	2.36E-04	70.0	326753	2.14E-04
Tetrachloroethane	ELCD	11.69	348	4.87	21120	2.31E-04	21.6	97607	2.21E-04	69.6	345577	2.01E-04
1,1,1,2-Tetrachloroethane	ELCD	13.65	351	4.91	22668	2.17E-04	21.8	107974	2.02E-04	70.2	369497	1.90E-04
1,1,2,2-Tetrachloroethane	ELCD	15.87	354	4.96	22578	2.20E-04	21.9	97191	2.26E-04	70.8	311206	2.28E-04
1,1-Dichloroethene	PID	3.99	350	4.90	6617	7.41E-04	21.7	36374	5.97E-04	70.0	129790	5.39E-04
Benzene	PID	7.39	359	5.03	17122	2.94E-04	22.3	89603	2.48E-04	71.8	319301	2.25E-04
Toluene	PID	10.59	349	4.89	14277	3.42E-04	21.6	72385	2.99E-04	69.8	267905	2.61E-04
Ethyl Benzene	PID	13.70	350	4.90	12942	3.79E-04	21.7	62082	3.50E-04	70.0	225880	3.10E-04
m/p-Xylene	PID	13.98	693	9.70	34558	2.81E-04	43.0	150395	2.86E-04	138.6	538330	2.57E-04
o-Xylene	PID	14.76	345	4.83	13225	3.55E-04	21.4	59495	3.60E-04	69.0	214990	3.21E-04
1,1,2-Trichlorotrifluoroethane	FID	3.98	350	4.90	1480	3.31E-03	21.7	6855	3.17E-03	70.0	21672	3.23E-03
TVH	FID		8748	122.47	105969	1.16E-03	542.4	429217	1.26E-03	1749.6	1395960	1.25E-03



INTERPHASE
ENVIRONMENTAL, INC.

Date Calibrated: January 17, 2001
 Analyst: David Feng
 Standard: CAL9904
 Date Standard Prepared: August 25, 1999
 Concentration Level:
 Amount of Standard Injected (mL):

LEVEL 5
0.95

Table II. Initial Calibration Results

Lab ID: Phase 17

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Mass(ng)	Area	RF	Aver. RF	Std. Div.	%RSD	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.83	350	333	703585	4.73E-04	4.12E-04	5.31E-05	12.9	<30
Vinyl Chloride	ELCD	2.33	348	331	1021488	3.24E-04	2.95E-04	2.14E-05	7.3	<30
Chloroethane	ELCD	3.00	359	341	600048	5.68E-04	5.24E-04	4.07E-05	7.8	<30
Trichlorofluoromethane	ELCD	3.38	357	339	1424187	2.38E-04	2.08E-04	2.06E-05	9.9	<30
Dichloromethane	ELCD	4.62	351	333	1047735	3.18E-04	2.83E-04	2.49E-05	8.8	<20
trans-1,2-Dichloroethene	ELCD	4.97	359	341	1230327	2.77E-04	2.68E-04	2.34E-05	8.8	<20
1,1-Dichloroethane	ELCD	5.48	327	311	1178343	2.64E-04	2.60E-04	3.25E-05	12.5	<20
cis-1,2-Dichloroethene	ELCD	6.23	362	334	1167476	2.86E-04	2.77E-04	3.07E-05	11.1	<20
Chloroform	ELCD	6.66	350	333	1503751	2.21E-04	2.08E-04	2.09E-05	10.0	<20
1,1,1-Trichloroethane	ELCD	6.90	353	335	1485735	2.26E-04	2.09E-04	2.62E-05	12.5	<20
Carbon Tetrachloride	ELCD	7.15	348	331	1681325	1.97E-04	1.81E-04	2.14E-05	11.8	<20
1,2-Dichloroethane	ELCD	7.44	350	333	1146386	2.90E-04	3.10E-04	4.36E-05	14.1	<20
Trichloroethene	ELCD	8.43	345	328	1335215	2.45E-04	2.25E-04	1.81E-05	8.0	<20
1,1,2-Trichloroethane	ELCD	11.40	350	333	1379526	2.41E-04	2.37E-04	1.73E-05	7.3	<20
Tetrachloroethene	ELCD	11.69	348	331	1491132	2.22E-04	2.19E-04	1.23E-05	5.6	<20
1,1,1,2-Tetrachloroethane	ELCD	13.65	351	333	1525514	2.19E-04	2.07E-04	1.35E-05	6.5	<20
1,1,2,2-Tetrachloroethane	ELCD	15.87	354	336	1307534	2.57E-04	2.33E-04	1.68E-05	7.2	<20
1,1-Dichloroethene	PID	3.99	350	333	690046	4.82E-04	5.90E-04	1.11E-04	18.8	<20
Benzene	PID	7.39	359	341	1623943	2.10E-04	2.44E-04	3.65E-05	14.9	<20
Toluene	PID	10.59	349	332	1448851	2.29E-04	2.83E-04	4.90E-05	17.3	<20
Ethyl Benzene	PID	13.70	350	333	1218221	2.73E-04	3.28E-04	4.61E-05	14.1	<20
m/p-Xylene	PID	13.98	693	658	2871822	2.29E-04	2.63E-04	2.58E-05	9.8	<20
o-Xylene	PID	14.76	345	328	1192789	2.75E-04	3.30E-04	4.18E-05	12.7	<20
1,1,2-Trichlorotrifluoroethane	FID	3.98	350	333	102550	3.24E-03	3.24E-03	5.95E-05	1.8	<30
TVH	FID		8748	8311	6939055	1.20E-03	1.22E-03	5.05E-05	4.1	<30



INTERPHASE
ENVIRONMENTAL, INC

Date Calibrated: January 17, 2001
Calibration Standard: CAL9904
LCS Standard: CAL9903
Date Standard Prepared: August 25, 1999
Analyst: David Feng
Date LCS Checked:
Time LCS Checked:
Volume of LCS injected (mL):

17-Jan-01
16:36
0.2

Table III. LCS Check Results
Lab ID: Phase 17

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Area	RF	Cal. Avr. RF	% Dev.	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.83	351	152481	4.60E-04	4.12E-04	11.9	±25
Vinyl Chloride	ELCD	2.33	349	243841	2.86E-04	2.95E-04	-3.1	±25
Chloroethane	ELCD	3.00	361	132288	5.46E-04	5.24E-04	4.2	±25
Trichlorofluoromethane	ELCD	3.38	382	341508	2.24E-04	2.08E-04	7.7	±25
Dichloromethane	ELCD	4.62	354	256945	2.76E-04	2.83E-04	-2.5	±15
trans-1,2-Dichloroethene	ELCD	4.97	352	308816	2.28E-04	2.66E-04	-14.4	±15
1,1-Dichloroethane	ELCD	5.48	293	247724	2.37E-04	2.60E-04	-9.0	±15
cis-1,2-Dichloroethene	ELCD	6.23	357	262186	2.72E-04	2.77E-04	-1.7	±15
Chloroform	ELCD	6.66	352	362921	1.94E-04	2.09E-04	-6.9	±15
1,1,1-Trichloroethane	ELCD	6.90	349	344767	2.02E-04	2.09E-04	-3.3	±15
Carbon Tetrachloride	ELCD	7.15	350	403681	1.73E-04	1.81E-04	-4.4	±15
1,2-Dichloroethane	ELCD	7.44	348	248443	2.80E-04	3.10E-04	-9.6	±15
Trichloroethene	ELCD	8.43	350	321333	2.18E-04	2.25E-04	-3.1	±15
1,1,2-Trichloroethane	ELCD	11.40	349	330758	2.11E-04	2.37E-04	-10.9	±15
Tetrachloroethene	ELCD	11.69	369	345847	2.14E-04	2.19E-04	-2.4	±15
1,1,1,2-Tetrachloroethane	ELCD	13.65	355	364715	1.95E-04	2.07E-04	-5.8	±15
1,1,2,2-Tetrachloroethane	ELCD	15.87	351	313329	2.24E-04	2.33E-04	-3.6	±15
1,1-Dichloroethene	PID	3.99	362	130915	5.53E-04	5.90E-04	-6.2	±15
Benzene	PID	7.39	359	333721	2.15E-04	2.44E-04	-11.9	±15
Toluene	PID	10.59	352	287333	2.45E-04	2.83E-04	-13.3	±15
Ethyl Benzene	PID	13.70	351	244715	2.87E-04	3.28E-04	-12.5	±15
m/p-Xylene	PID	13.98	707	595464	2.37E-04	2.63E-04	-9.8	±15
o-Xylene	PID	14.75	353	236087	2.99E-04	3.30E-04	-9.4	±15
1,1,2-Trichlorotrifluoroethane	FID	3.98	344	21867	3.15E-03	3.24E-03	-2.8	±25



INTERPHASE
ENVIRONMENTAL, INC.

Date Calibrated: January 17, 2001
Analyst: Daniel Alvarez
Standard: CAL9904
Date Standard Prepared: August 25, 1999
Date Calibration Checked:
Time Calibration Checked:
Volume of Standard Injected (mL):

31-Jan-01
6:24
0.2

1-Feb-01
7:12
0.2

Table IV: Daily Calibration Check Results
Lab ID: Phase 17

Final Report

Compound Name	Detector	RT (min)	Std. Conc. (ug/L)	Calcd. RF	Area	RF	% Dev.	Acpt. Rng.	Area	RF	% Dev.	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.83	350	4.12E-04	146140	4.79E-04	16.4	±25	154415	4.53E-04	10.2	±25
Vinyl Chloride	ELCD	2.33	348	2.95E-04	250714	2.78E-04	-8.0	±25	267287	2.60E-04	-11.8	±25
Chloroethane	ELCD	3.00	359	5.24E-04	150172	4.78E-04	-8.7	±25	143667	5.00E-04	-4.6	±25
Trichlorofluoromethane	ELCD	3.38	357	2.08E-04	371967	1.92E-04	-7.5	±25	378609	1.89E-04	-9.2	±25
Dichloromethane	ELCD	4.62	351	2.83E-04	285231	2.65E-04	-6.4	±15	245177	2.86E-04	1.3	±15
trans-1,2-Dichloroethene	ELCD	4.97	359	2.66E-04	295896	2.43E-04	-8.9	±15	310785	2.31E-04	-13.2	±15
1,1-Dichloroethane	ELCD	5.48	327	2.60E-04	290980	2.25E-04	-13.5	±15	284403	2.30E-04	-11.5	±15
cis-1,2-Dichloroethene	ELCD	6.23	352	2.77E-04	297750	2.36E-04	-14.7	±15	289500	2.43E-04	-12.2	±15
Chloroform	ELCD	6.66	350	2.08E-04	394798	1.77E-04	-14.9	±15	387631	1.81E-04	-13.3	±15
1,1,1-Trichloroethane	ELCD	6.90	353	2.09E-04	384877	1.83E-04	-12.4	±15	384267	1.84E-04	-12.2	±15
Carbon Tetrachloride	ELCD	7.15	348	1.81E-04	447965	1.55E-04	-14.3	±15	444521	1.57E-04	-13.7	±15
1,2-Dichloroethane	ELCD	7.44	350	3.10E-04	258254	2.71E-04	-12.6	±15	243339	2.88E-04	-7.2	±15
Trichloroethene	ELCD	8.43	345	2.25E-04	323904	2.13E-04	-5.3	±15	306096	2.25E-04	0.2	±15
1,1,2-Trichloroethane	ELCD	11.40	350	2.37E-04	347539	2.01E-04	-14.9	±15	333736	2.10E-04	-11.4	±15
Tetrachloroethene	ELCD	11.69	348	2.19E-04	347506	2.00E-04	-8.4	±15	329942	2.11E-04	-3.6	±15
1,1,1,2-Tetrachloroethane	ELCD	13.65	351	2.07E-04	387576	1.81E-04	-12.4	±15	372134	1.89E-04	-8.7	±15
1,1,2,2-Tetrachloroethane	ELCD	15.87	354	2.33E-04	353009	2.01E-04	-13.7	±15	340031	2.08E-04	-10.4	±15
1,1-Dichloroethene	PID	3.99	350	5.90E-04	124861	5.61E-04	-4.9	±15	123089	5.69E-04	-3.5	±15
Benzene	PID	7.39	359	2.44E-04	315328	2.28E-04	-6.8	±15	310867	2.31E-04	-5.4	±15
Toluene	PID	10.59	349	2.83E-04	274628	2.54E-04	-10.1	±15	269729	2.59E-04	-8.4	±15
Ethyl Benzene	PID	13.70	350	3.28E-04	240174	2.91E-04	-11.1	±15	235749	2.97E-04	-9.4	±15
m/p-Xylene	PID	13.98	693	2.63E-04	584038	2.37E-04	-9.9	±15	570365	2.43E-04	-7.7	±15
o-Xylene	PID	14.76	345	3.30E-04	231736	2.98E-04	-9.8	±15	227358	3.03E-04	-8.1	±15
1,1,2-Trichlorotrifluoroethane	FID	3.98	350	3.24E-03	22331	3.13E-03	-3.2	±25	22002	3.18E-03	-1.7	±25
TVH	FID		8748	1.22E-03	1550300	1.13E-03	-7.3	±25	1526517	1.15E-03	-5.9	±25



INTERPHASE
ENVIRONMENTAL, INC.

Table IV. Daily Calibration Check Results
Lab ID: Phase 17

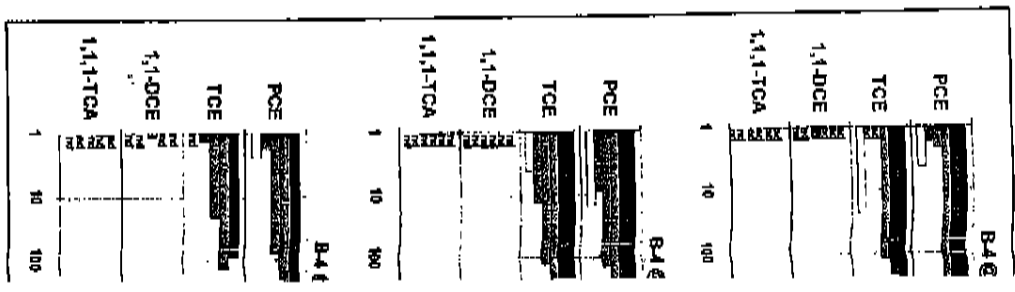
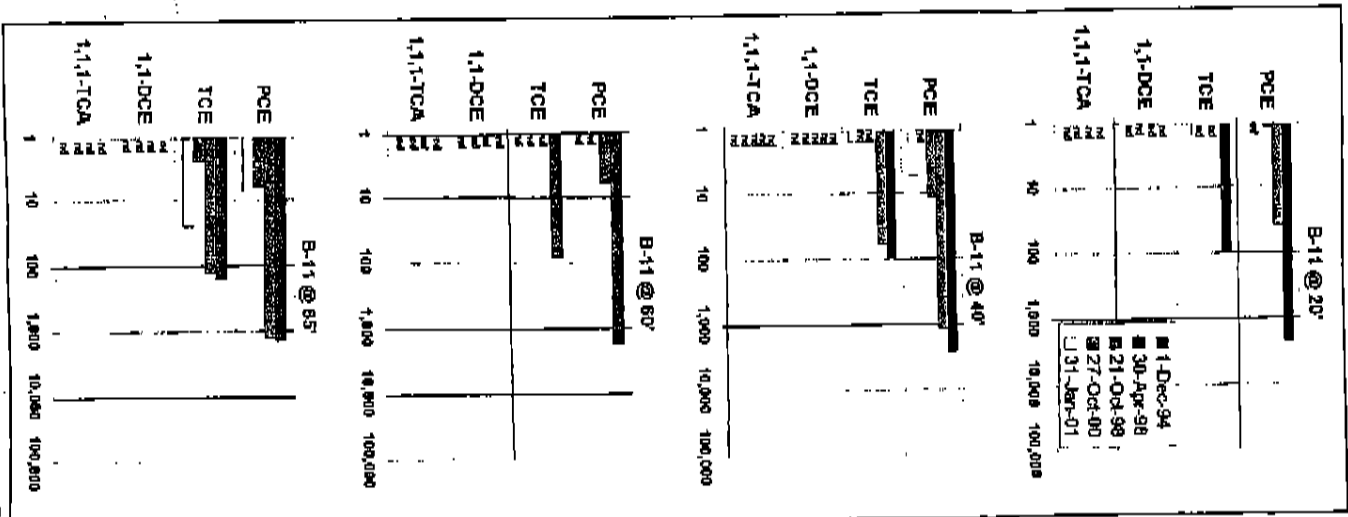
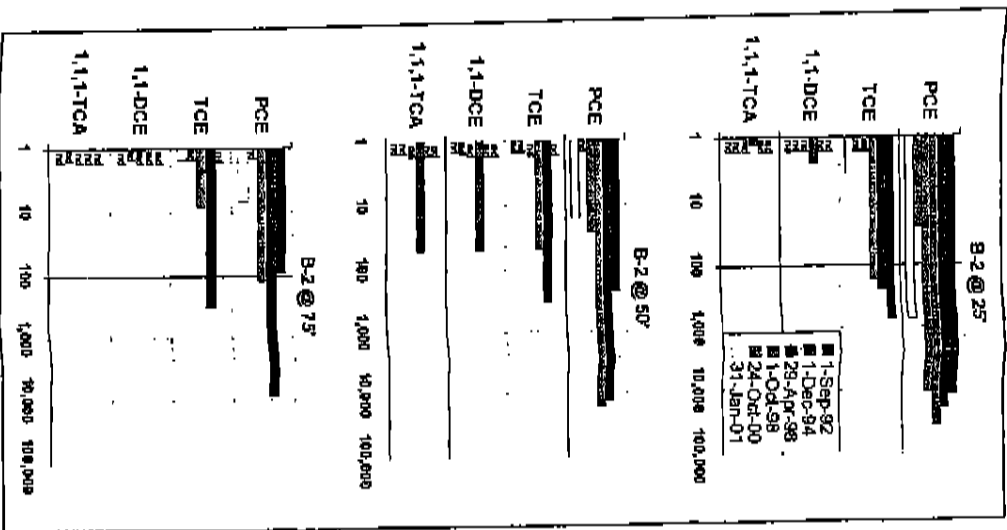
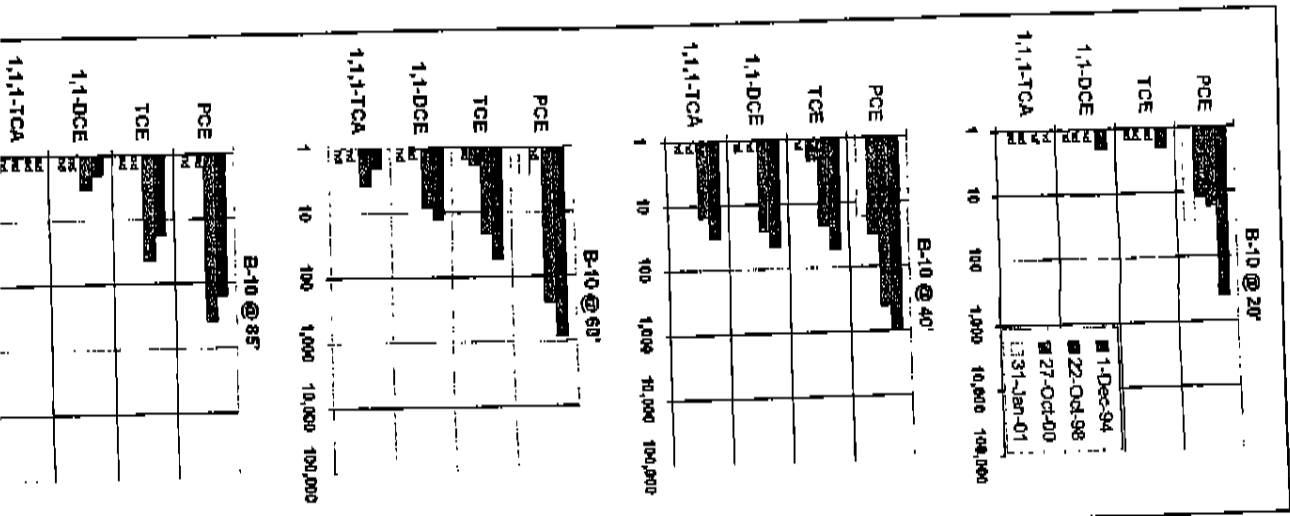
Final Report

Date Calibrated: January 17, 2001
Analyst: Daniel Alvarez
Standard: CAL9904
Date Standard Prepared: August 25, 1999
Date Calibration Checked:
Time Calibration Checked:
Volume of Standard Injected (mL):

2-Feb-01
7:04
0.2

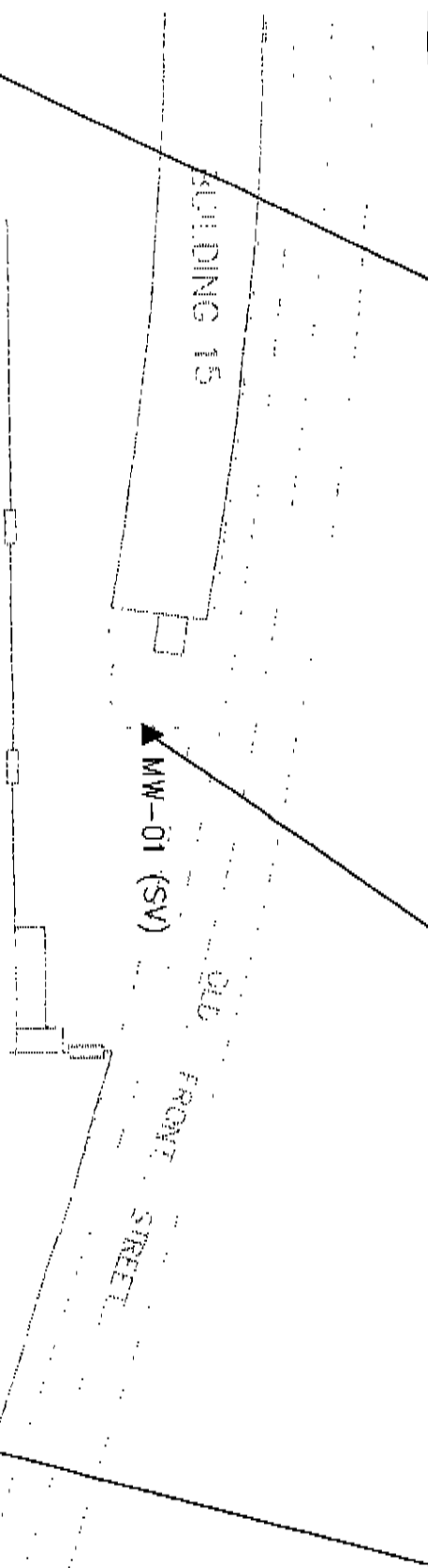
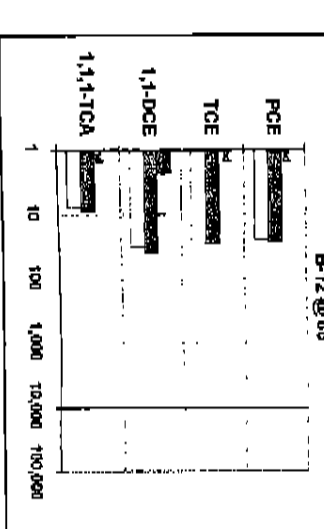
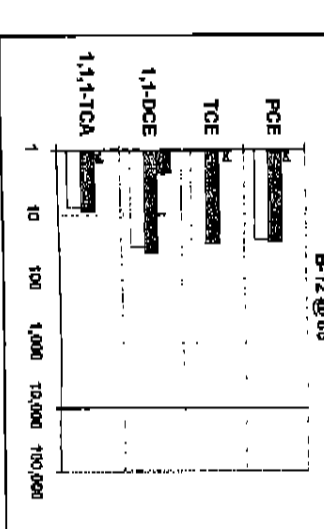
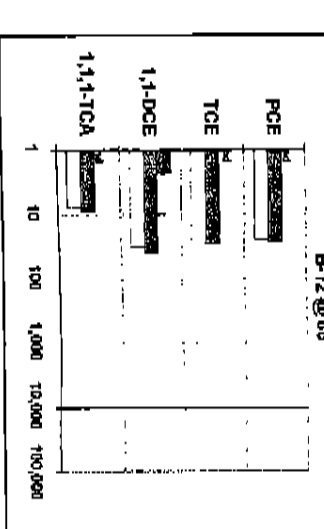
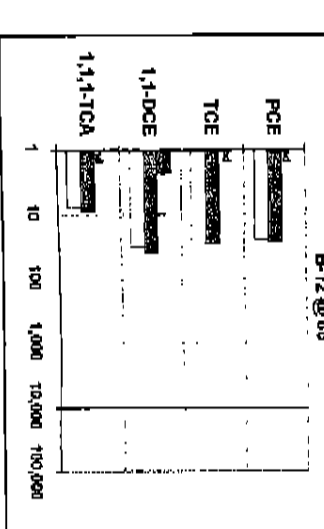
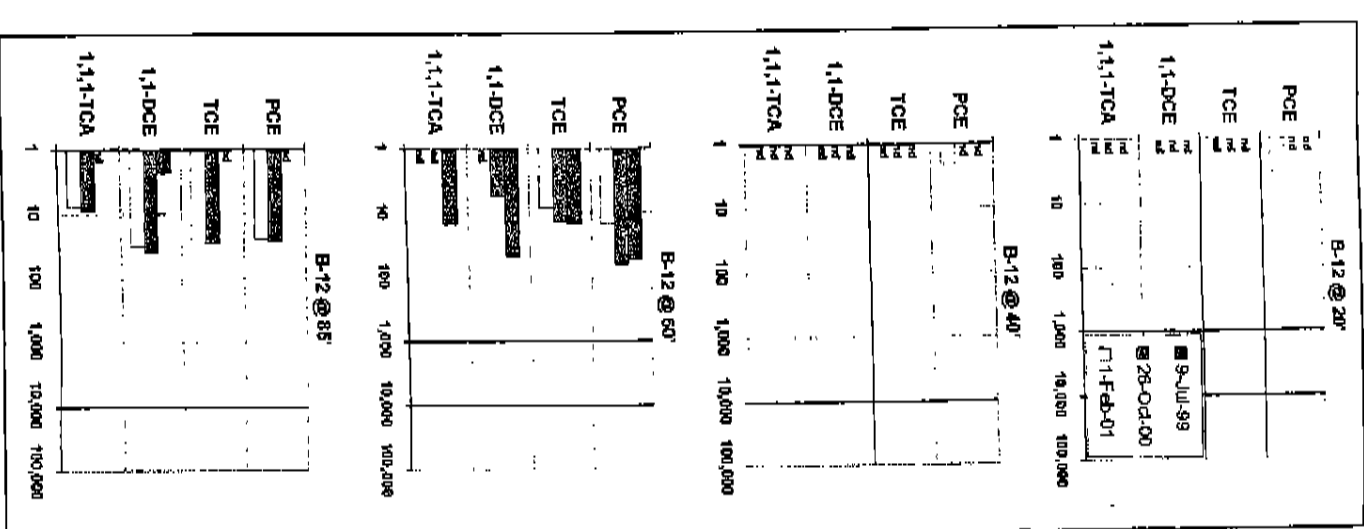
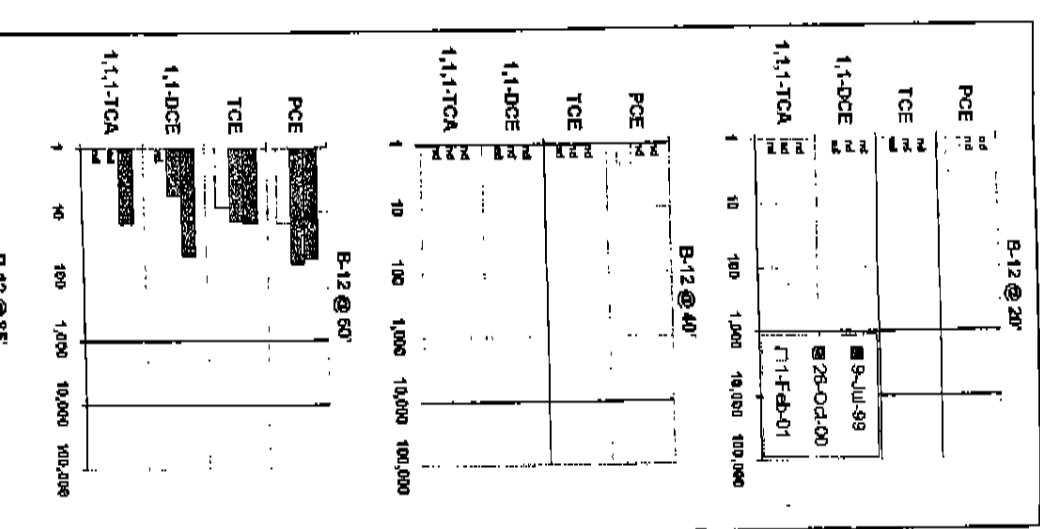
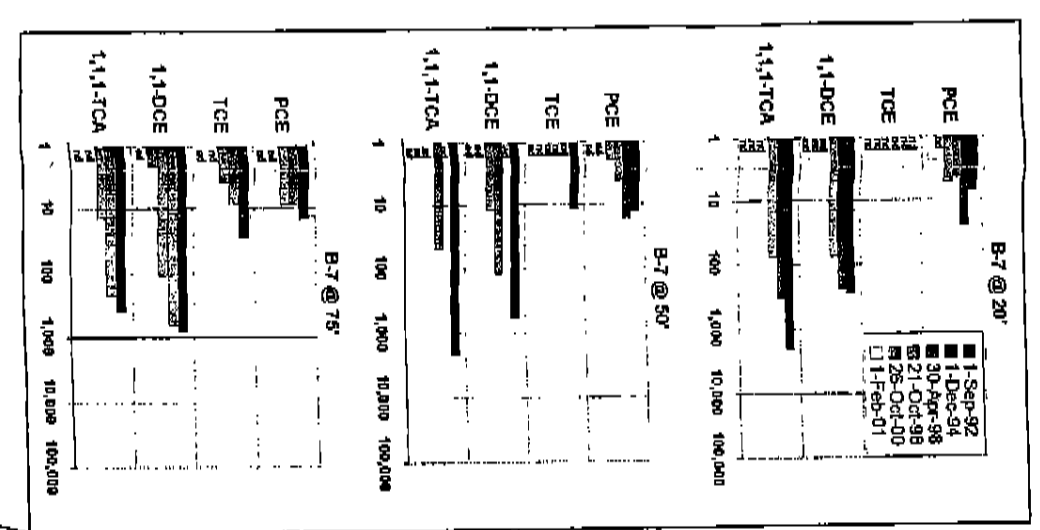
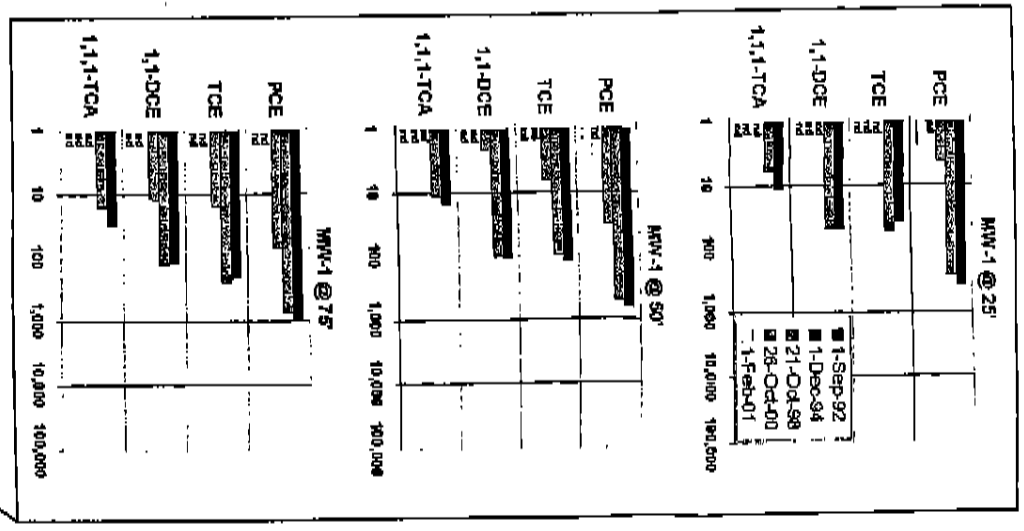
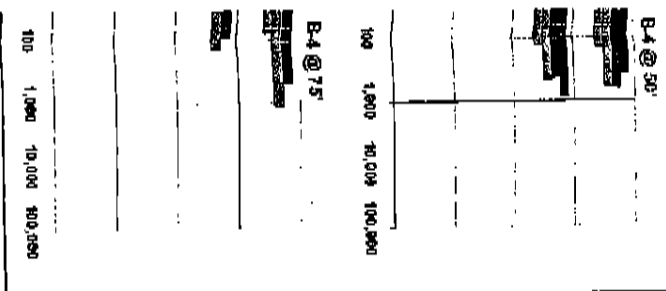
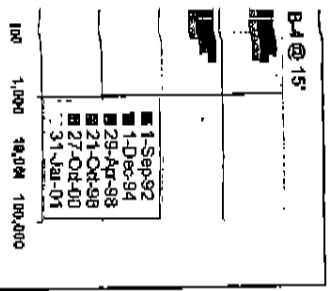
Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Calcd. RF	Area	RF	% Dev.	Acpt. Rng.
Dichlorodifluoromethane	ELCD	1.83	350	4.12E-04	142037	4.93E-04	19.8	±25
Vinyl Chloride	ELCD	2.33	348	2.95E-04	251119	2.77E-04	-6.1	±25
Chloroethane	ELCD	3.00	359	5.24E-04	130652	5.50E-04	4.9	±25
Trichlorofluoromethane	ELCD	3.38	357	2.08E-04	371845	1.92E-04	-7.5	±25
Dichloromethane	ELCD	4.62	351	2.83E-04	240701	2.92E-04	3.1	±15
trans-1,2-Dichloroethene	ELCD	4.97	359	2.66E-04	315073	2.28E-04	-14.4	±15
1,1-Dichloroethane	ELCD	5.48	327	2.60E-04	292305	2.24E-04	-13.9	±15
cis-1,2-Dichloroethane	ELCD	6.23	352	2.77E-04	295109	2.39E-04	-13.9	±15
Chloroform	ELCD	6.66	350	2.08E-04	382735	1.83E-04	-12.2	±15
1,1,1-Trichloroethane	ELCD	6.90	353	2.09E-04	380834	1.85E-04	-11.4	±15
Carbon Tetrachloride	ELCD	7.15	348	1.81E-04	436505	1.59E-04	-12.1	±15
1,2-Dichloroethane	ELCD	7.44	350	3.10E-04	243536	2.87E-04	-7.3	±15
Trichloroethene	ELCD	8.43	345	2.25E-04	329630	2.09E-04	-6.9	±15
1,1,2-Trichloroethane	ELCD	11.40	350	2.37E-04	343587	2.04E-04	-13.9	±15
Tetrachloroethane	ELCD	11.69	348	2.19E-04	349136	1.99E-04	-8.9	±15
1,1,1,2-Tetrachloroethane	ELCD	13.65	351	2.07E-04	395428	1.78E-04	-14.1	±15
1,1,2,2-Tetrachloroethane	ELCD	15.87	354	2.33E-04	355481	1.99E-04	-14.3	±15
1,1-Dichloroethene	PID	3.99	350	5.90E-04	126188	5.55E-04	-5.9	±15
Benzene	PID	7.39	359	2.44E-04	322012	2.23E-04	-8.7	±15
Toluene	PID	10.59	349	2.83E-04	261343	2.48E-04	-12.2	±15
Ethyl Benzene	PID	13.70	350	3.28E-04	247192	2.83E-04	-13.6	±15
m/p-Xylene	PID	13.98	693	2.63E-04	599672	2.31E-04	-12.2	±15
o-Xylene	PID	14.76	345	3.30E-04	239719	2.88E-04	-12.6	±15
1,1,2-Trichlorotrifluoroethane	FID	3.98	350	3.24E-03	22301	3.14E-03	-3.0	±25
TVH	FID		8748	1.22E-03	1566250	1.12E-03	-8.3	±25

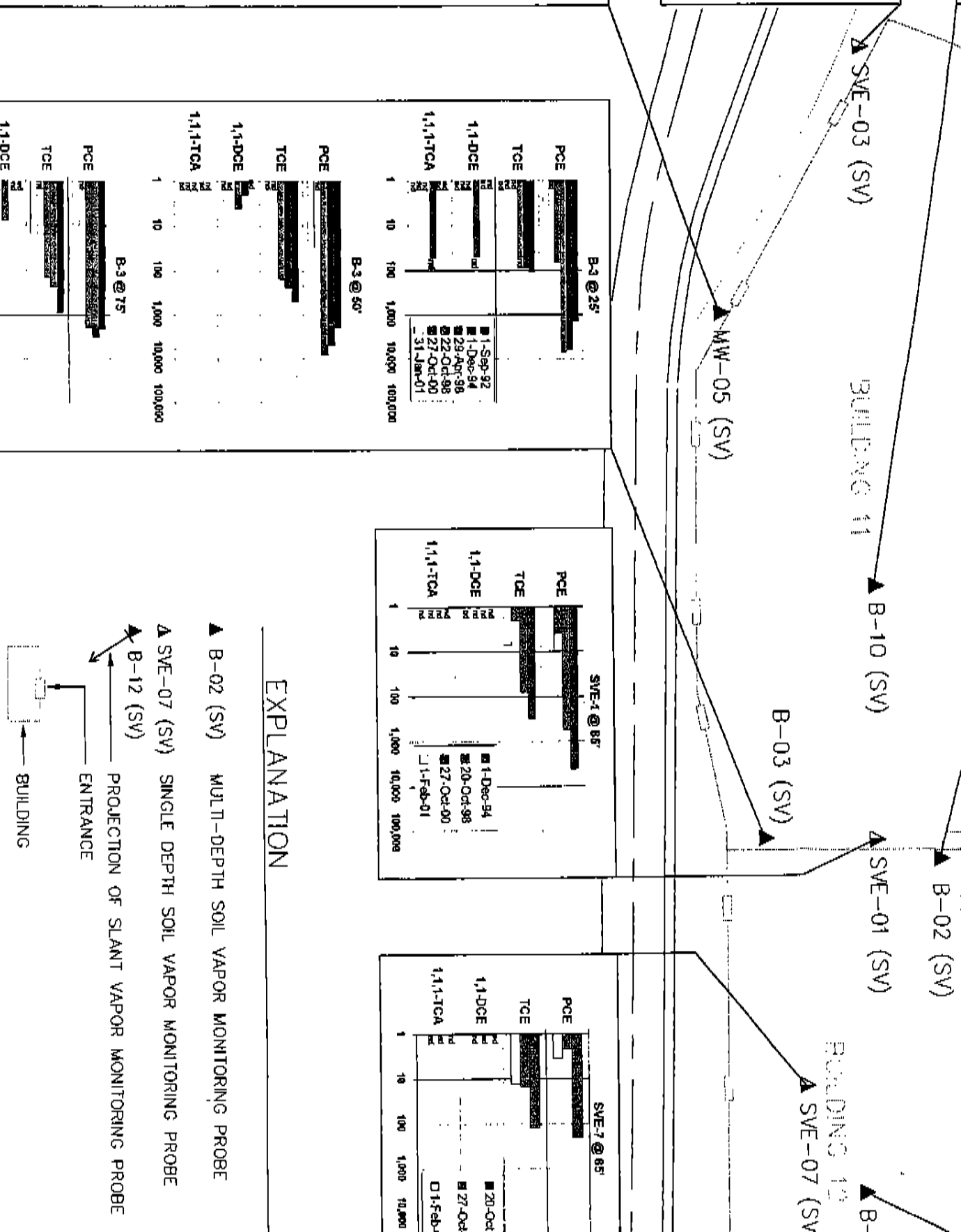
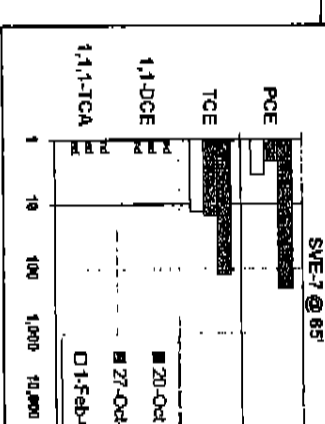
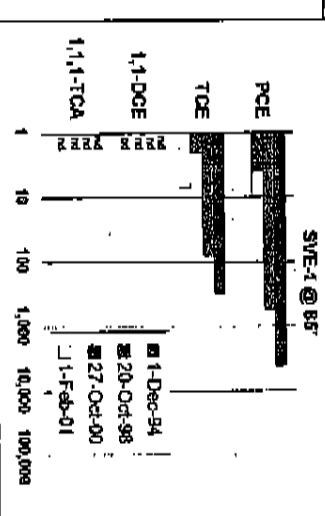
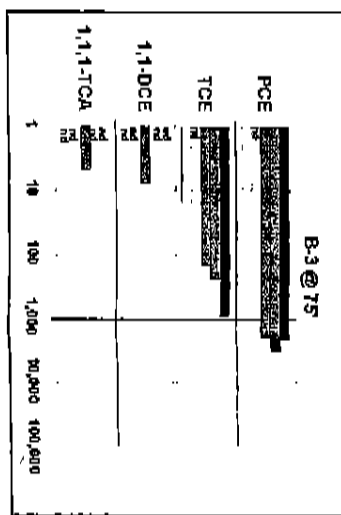
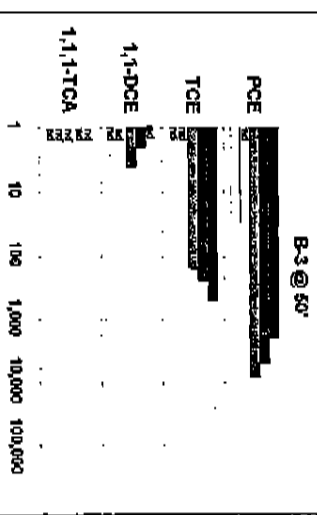
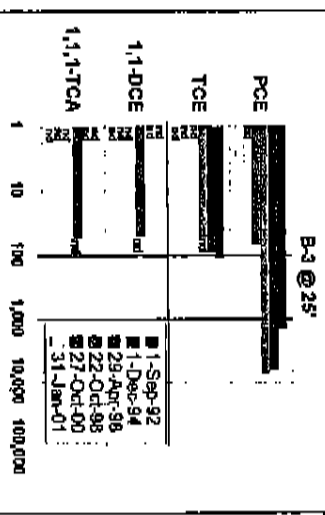
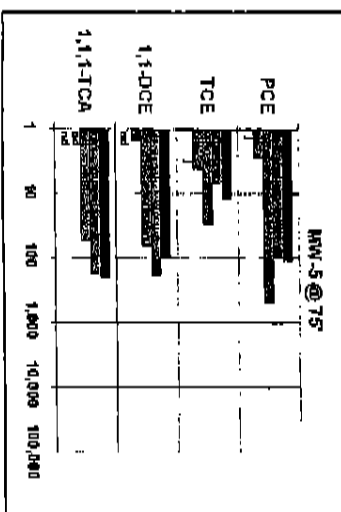
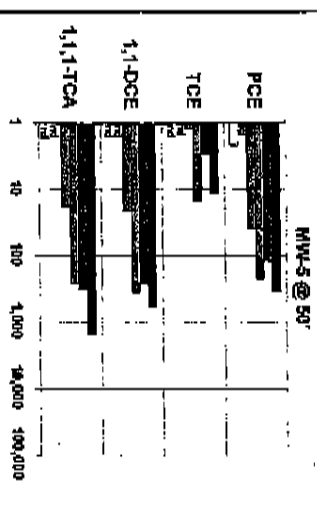
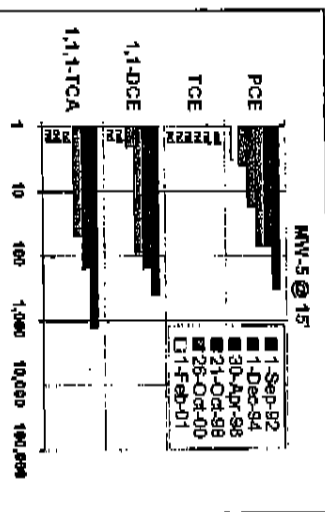
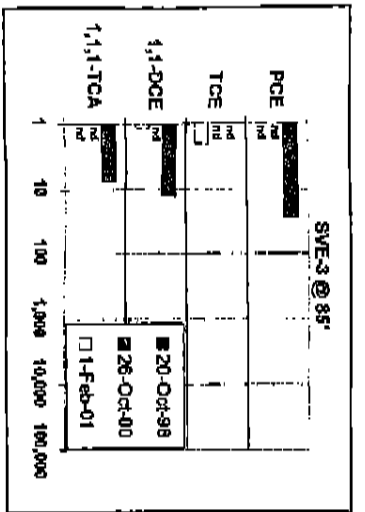
PLATES



OLD FRONT STREET

BUILDING 10





EXPLANATION

- ▲ B-02 (SV) MULTI-DEPTH SOIL VAPOR MONITORING PROBE
- ▲ SVE-07 (SV) SINGLE DEPTH SOIL VAPOR MONITORING PROBE
- ▲ B-12 (SV) PROJECTION OF SLANT VAPOR MONITORING PROBE
- BUILDING
- ENTRANCE

3-04 (SV)

BUILDING 13

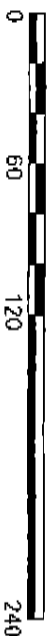
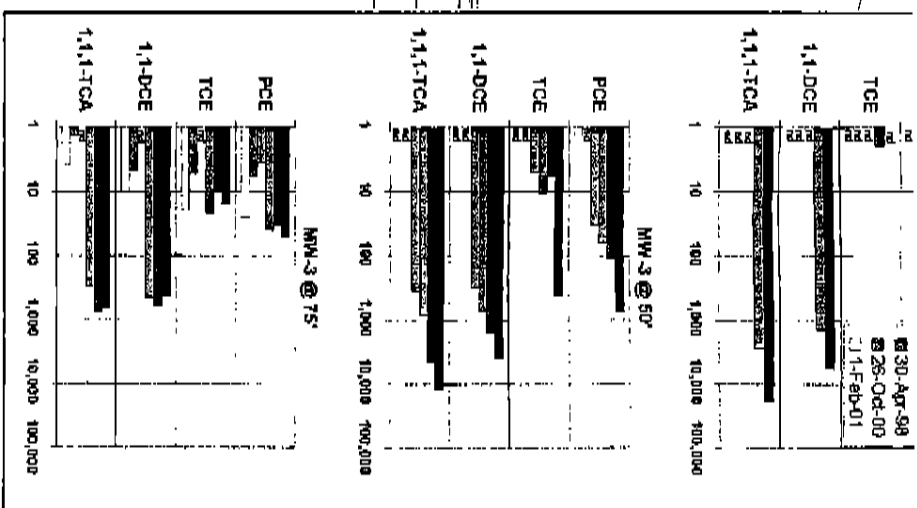
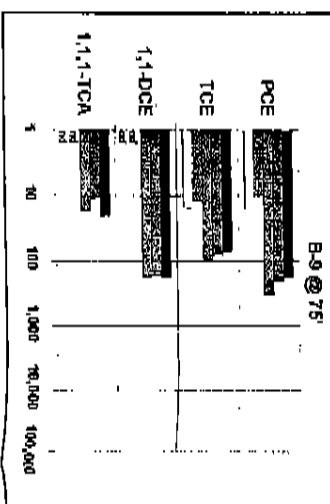
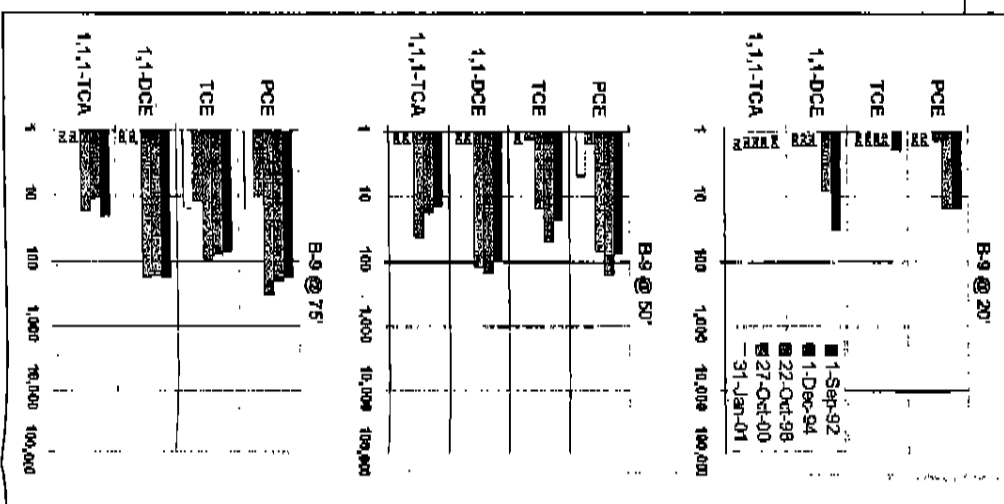
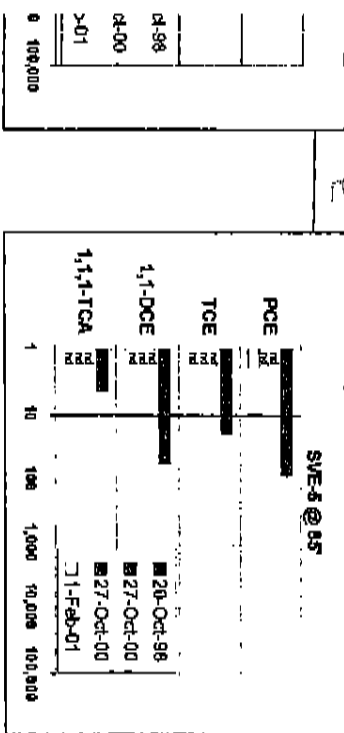
SVE-05 (SV)

B-09 (SV)

B-12 (SV)

MW-03 (SV)

BUILDING 14

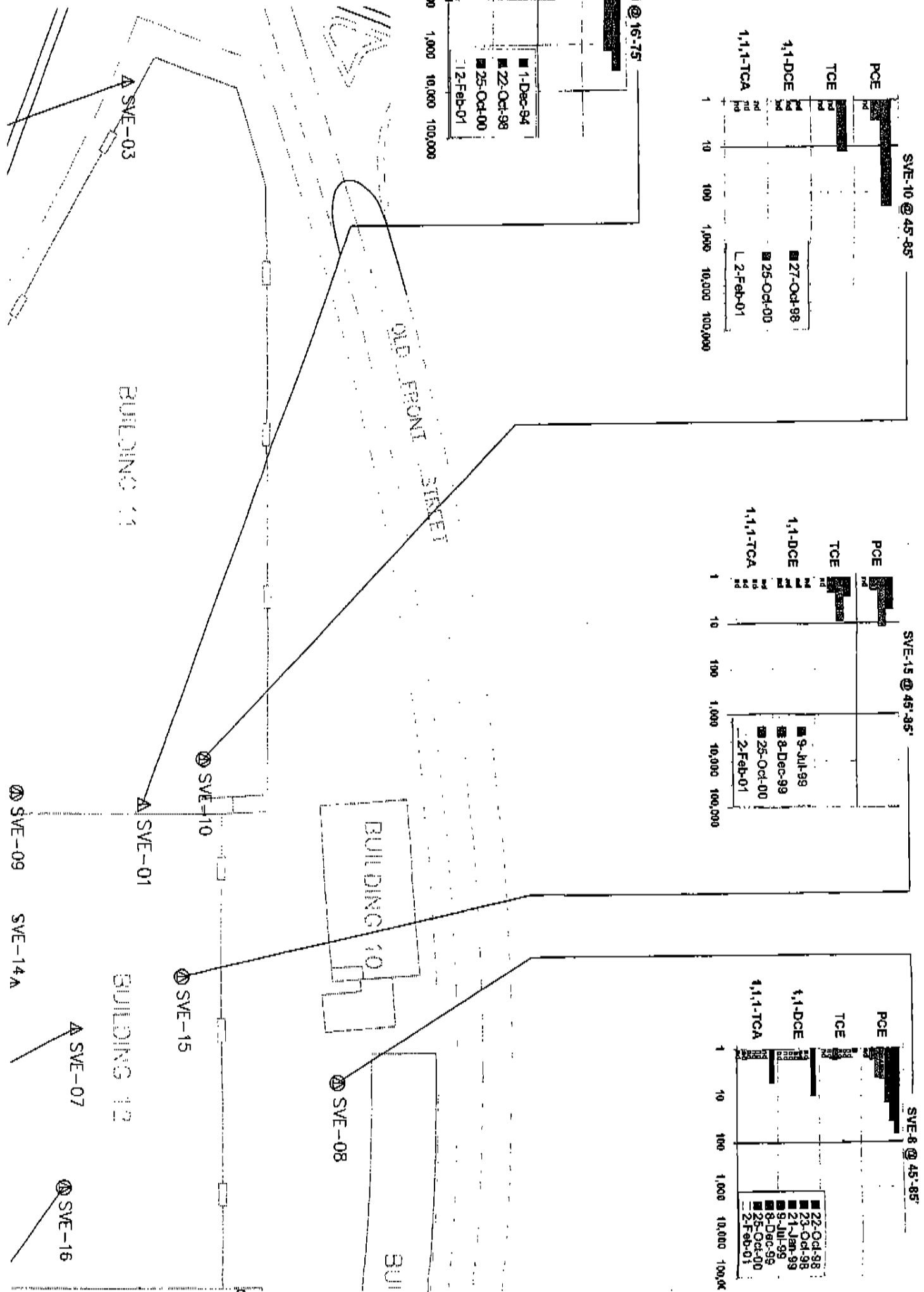
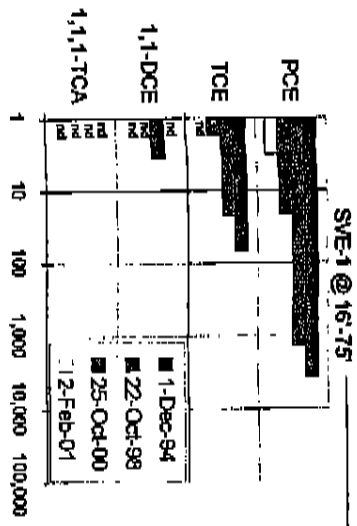
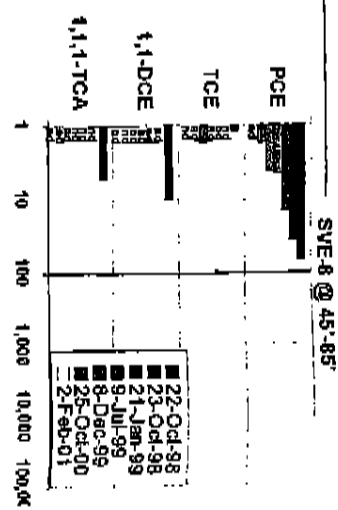
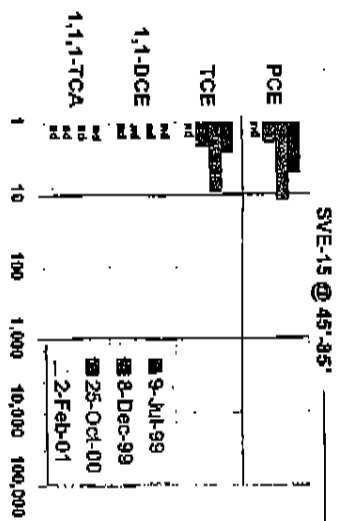
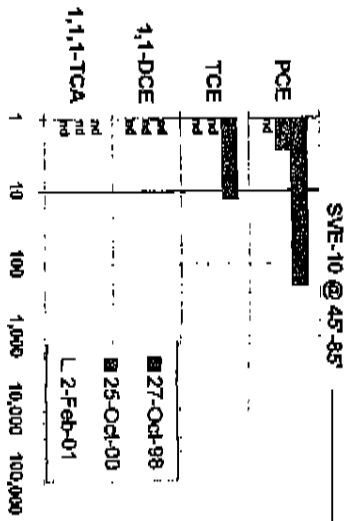


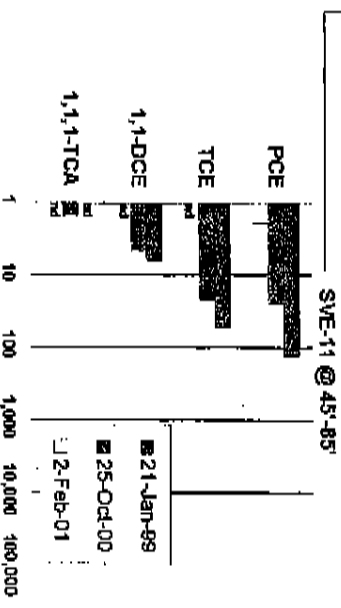
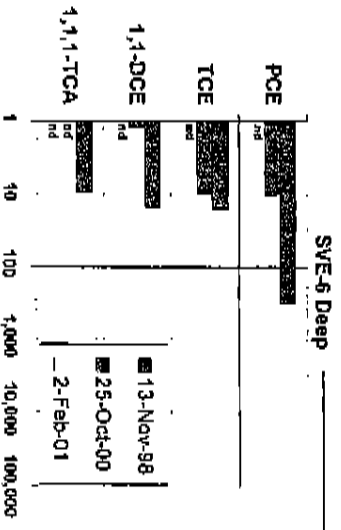
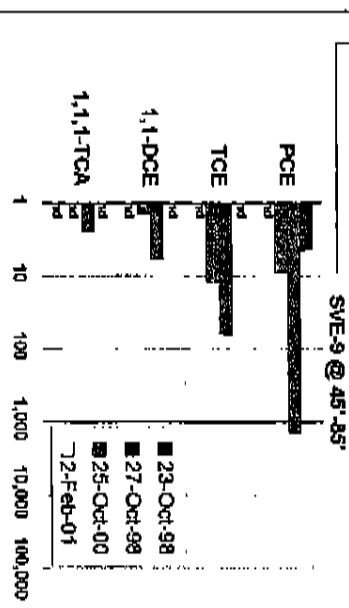
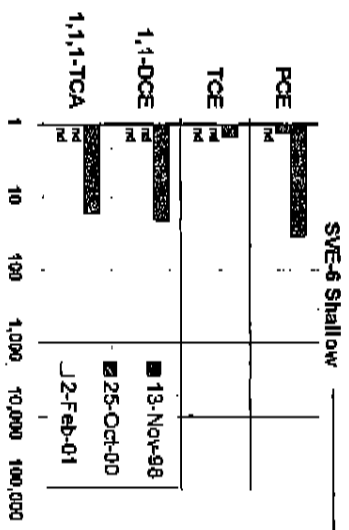
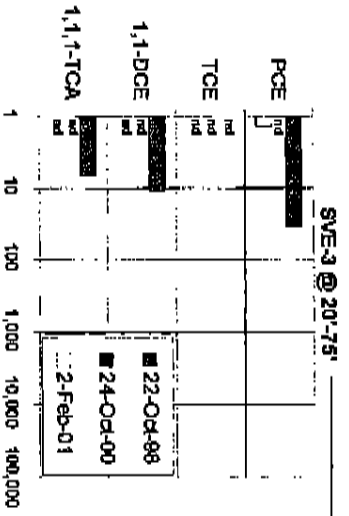
HYDRO
GEO
CHEM, INC.

VOC CONCENTRATIONS IN DEEP SOIL GAS
MONITORING PROBES

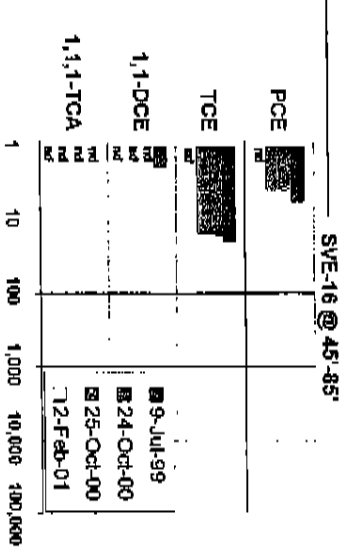
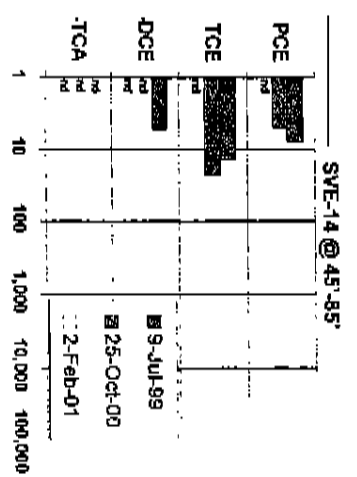
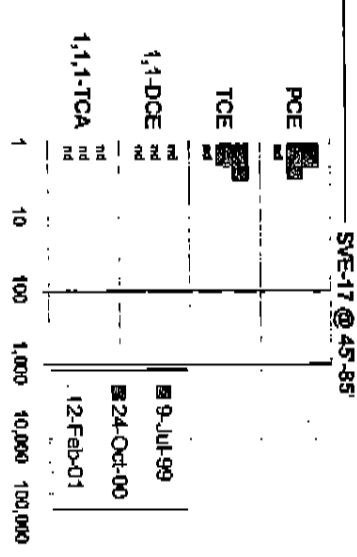
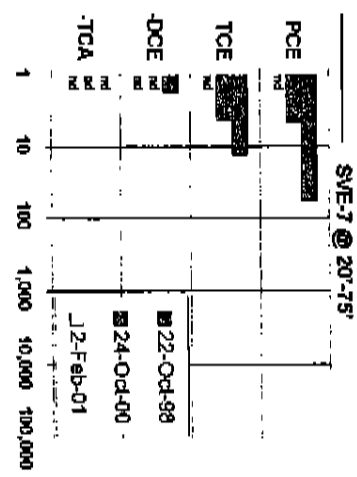
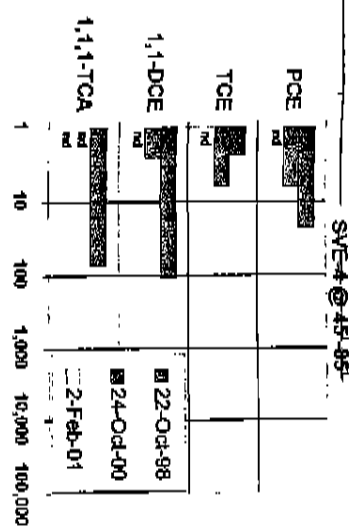
Former APW Facility
777 Front St, Burbank, CA

Approved	Date	Revised	Date	Reference	PLATE
JM/JM	2/8/01			4850545A	2



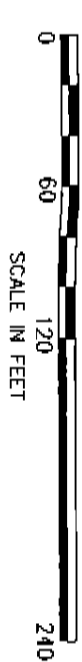


NEW FRONT STREET



EXPLANATION

- ▲ DEEP SVE WELL
- ⊕ COMBINATION SVE WELL (SVE PLUS SPARCE WELL)
- ↓ PROJECTION OF SLANT SVE WELLS
- BUILDING



<p>VOC CONCENTRATIONS IN DEEP SOIL VAPOR EXTRACTION WELLS Former APW Facility 777 Front St, Burbank, CA</p>			
Approved	Date	Revised	Date
JW/JM	2/8/01		
Reference		Reference	
4850544A		4850544A	
PLATE:			
1			



HYDRO GEO CHEM, INC.
Environmental Science & Technology

August 23, 2001

Mr. Dixon A. Oriola, Unit Chief
Senior Engineering Geologist
California Regional Water Quality Control Board,
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles CA 90013

Supplemental Site Closure Information
Former APW Facility, 777 Front Street, Burbank CA
RWQCB File No. 109.6162

Dear Mr. Oriola:

This letter presents the data, analysis and interpretation of results of the additional focused shallow soil remediation at the former APW facility in Burbank. The supplemental remediation targeted the residual volatile organic compound (VOC) concentrations in soil gas at monitoring probe B-02 (Figure 1). The supplemental work was conducted in response to issues raised during the May 30, 2001, meeting with Board staff to discuss APW's request for no further action closure of the facility¹.

This supplemental remediation targeted the residual VOC concentrations in soil gas at monitoring probe B-02@25. The work was conducted according to our June 8, 2001, work plan², approved by Board staff on June 12.

¹ Hydro Geo Chem, Inc. 2001. Results of Site Remediation and Request for No Further Action Closure, Former APW Facility, 777 Front Street, Burbank, CA. Prepared for California Regional Water Quality Control Board. April 5, 2001.

² Hydro Geo Chem, Inc. 2001. Additional Remedial Effort in Shallow Soil, Former APW Facility, 777 Front Street, Burbank, CA. Letter to Mr. Dixon Oriola, California Regional Water Quality Control Board, June 8, 2001.

G:\46500\CORRESP\DO-WB_Closure082101.wpd

Field Activities and Measurements

The supplemental soil remediation began on June 18, 2001, using shallow soil vapor extraction (SVE) and air injection wells in the vicinity of B-02 (Figure 1). The shallow SVE and injection wells are 20 feet deep and screened between depths of 5 and 20 feet. The B-02 soil gas probe is a nested array with three ½-inch diameter tubes installed to depths of 25, 50 and 75 feet, each screened over the lower 1 foot of tubing.

Additionally, to evaluate whether the source of VOCs detected at B-02 may be close to the surface, several holes were hand-drilled through the concrete slab within an approximate 15-foot radius of B-02 on June 12, 2001. The holes were 8 inches deep by 3/4 inches in diameter and were used to measure organic vapor levels with a photoionization detector (PID) in the soil immediately beneath the slab. PID concentrations, however, were all relatively low (between 3 and 27 parts per million by volume) and did not indicate proximity to a VOC source.

Soil vapor extraction took place from Ssve-18, Ssve-20, Ssve-50 and Ssve-53. Air injection took place into Sinj-12, Sinj15, Sinj-22, and Ssve-60 (which was converted from a shallow SVE well). Air velocity and organic vapor measurements were collected from each well on a weekly basis between June 18 and July 18, 2001, when the vapor extraction and air injection systems were turned off. These field measurements and run times are summarized in Table 1.

Soil Gas Sample Collection

Soil gas samples were collected from the shallow SVE wells, B-02@25, B02-@50, and the influent to the vapor extraction system at system startup on June 18, 2001 approximately two hours after the system was turned on. A final set of soil gas samples was collected on August 6 from B-02@25, Ssve18, Ssve-20, and Ssve-53, approximately three weeks after the system was turned off. These samples were collected and analyzed by InterPhase Environmental, Inc., under the direction of the Hydro Geo Chem field representative according to the field sampling procedures described in the closure work plan³. Samples were transported by InterPhase to their Los Angeles lab for analysis. The results are summarized in Table 2. The laboratory analytical reports are appended.

³ Hydro Geo Chem. 2000. Work Plan for No Further Action Closure: Soil Vapor Extraction and Groundwater Monitoring Systems, Former ZERO Facility, 777 Front Street, Burbank, CA. Submitted to California Regional Water Quality Control Board, June 26, 2000.

Results

Soil gas was extracted from the shallow SVE wells at a weighted average of 75 standard cubic feet per minute (scfm) for the 30-day extraction period. Analytical results (Table 2) indicate that perchloroethylene (PCE) and trichloroethylene (TCE) were the only VOCs detected in soil gas samples. The highest concentration of PCE, 605 micrograms per liter ($\mu\text{g/L}$), was detected in the June 18, 2001, the 25-foot soil gas sample from B-02 (B-02@25). This concentration is slightly lower than detected at that probe in January, 2001 (720 $\mu\text{g/L}$). The 50-foot sample from B-02 (B-02@50) had nondetectable soil gas PCE concentrations, a decrease from 16 $\mu\text{g/L}$ of PCE detected in that probe in January, 2001. TCE was only detected in one sample, B-02@25, at 2.6 $\mu\text{g/L}$.

During this extraction period and subsequent rebound interval, soil gas PCE concentrations detected in B-02@25 declined from 605 to 11 $\mu\text{g/L}$, and soil gas PCE concentrations detected in Ssve-53 declined from 137 to 70 $\mu\text{g/L}$.

The flow measurements and concentration levels (Tables 1 and 2) indicate that most of the VOCs were extracted from Ssve-53. The blower influent concentration and flow rate indicates an initial VOC mass removal rate of 0.58 pounds per day. The final (August 6, 2001) VOC concentrations indicate a VOC concentration decrease of more than an order of magnitude, and a final mass removal rate of probably less than 0.1 pounds per day. The total VOC mass removal during this 30-day period, estimated by assuming an exponential decline from 0.58 to 0.1 pounds per day, is between 7 and 12 pounds.

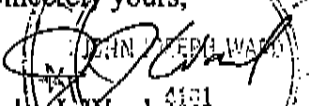
Conclusions

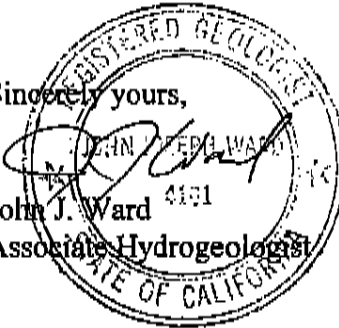
The additional shallow remedial activities have resulted in a diminishment of soil gas concentrations in the shallow soils in the vicinity of B-02. VOC concentrations at that probe and the shallow SVE wells used for this focused remediation have declined to levels below the stringent Phase II cleanup goals.

Mr. Dixon Oriola
August 23, 2001
Page 4

The goal of this supplemental focused remediation has been achieved, and the issue raised about the B-02 VOC concentrations during the May 30, 2001 meeting has been addressed. HGC, on behalf of APW, again requests that the Board make a "no further action" determination for the subject site. This further request is based upon this letter report and our April 5, 2001, report. If you have any questions or concerns, please feel free to contact me.

Sincerely yours,


John J. Ward
Associate Hydrogeologist



cc: Elijah Hill/Water Quality Control Board
Ronald Habel/APW
Michael Francis, Esq/Demetriou, Del Guercio, Springer & Francis
Nancy Peterson, Esq/Quarles & Brady
Brian Bussa/Ford Motor Company
Donald C. Nanney, Esq/Gilchrist & Rutter

ATTACHMENTS

TABLES

- 1 Field Measurements
- 2 Results of Soil Gas Sampling June 18 and August 6, 2001

FIGURE

- 1 Locations of Shallow SVE and Injection Wells and Probes in Building 12

APPENDICES

- A Report of Soil Gas Analysis, InterPhase Environmental, July 3, 2001
- B Report of Soil Gas Analysis, InterPhase Environmental, July 3, 2001

TABLES

TABLE 1
Field Measurements

Well	12-Jun-01		18-Jun-01		25-Jun-01		30-Jun-01		10-Jul-01		6-Aug-01	
	Flow Rate (scfm)	PID (ppmv)	Flow Rate (scfm)	PID (ppmv)	Flow Rate (scfm)	PID (ppmv)	Flow Rate (scfm)	PID (ppmv)	Flow Rate (scfm)	PID (ppmv)	Flow Rate (scfm)	PID (ppmv)
B-02@25	0	230	-	18	-	-	-	0.5	-	1.7	-	1.9
B-02@50	0	-	-	3.2	-	-	-	-	-	-	-	-
Ssve-18	0	7.1	6	2.0	7	-	8	0.3	9	0.3	0	0.9
Ssve-20	0	15.1	6	11.3	13	-	13	0.2	12	0.1	0	1.4
Ssve-50	0	11.9	12	7.4	11	-	0	-	0	-	0	-
Ssve-53	0	47.1	44	23.5	41	-	41	3.9	46	2.9	0	10.4
Ssve-60	0	12.1	33	3.5	4	-	23	-	23	-	0	-
Sinj-12	0	-	2	-	2	-	0	-	0	-	0	-
Sinj-15	0	-	59	-	41	-	52	-	47	-	0	-
Sinj-22	0	-	47	-	39	-	43	-	44	-	0	-
SVE influent	0	15	100	17.4	72	-	62	4.6	67	1.9	0	-
Injection	0	-	109	-	86	-	118	-	115	-	0	-

Notes:

- No measurement

Flow rates calculated in standard cubic feet per minute (scfm).

PID measurements are in parts per million by volume (ppmv).

Ssve-60 was converted to an injection well on June 25, 2001.

Ssve-50 and Sinj-12 were turned off on June 25, 2001.

TABLE 2
Results of Soil Gas Sampling,
June 18 and August 6, 2001

Sampling Point	18-Jun-01		6-Aug-01	
	PCE (µg/L)	TCE (µg/L)	PCE (µg/L)	TCE (µg/L)
B-02@25	605	2.6	11	ND (1.0)
B-02@50	ND (1.0)	ND (1.0)	NS	ND (1.0)
Ssve-18	25	ND (1.0)	6.7	ND (1.0)
Ssve-20	NS	NS	9.1	ND (1.0)
Ssve-53	137	nd (1.0)	70	ND (1.0)
Ssve-60	51	nd (1.0)	NS	NS
Blower Influent	71	nd (1.0)	NS	NS

NS: not sampled

µg/L: micrograms per liter in soil gas

scfm: standard cubic foot per minute

ND (1.0): not detected at 1 µg/L detection limit

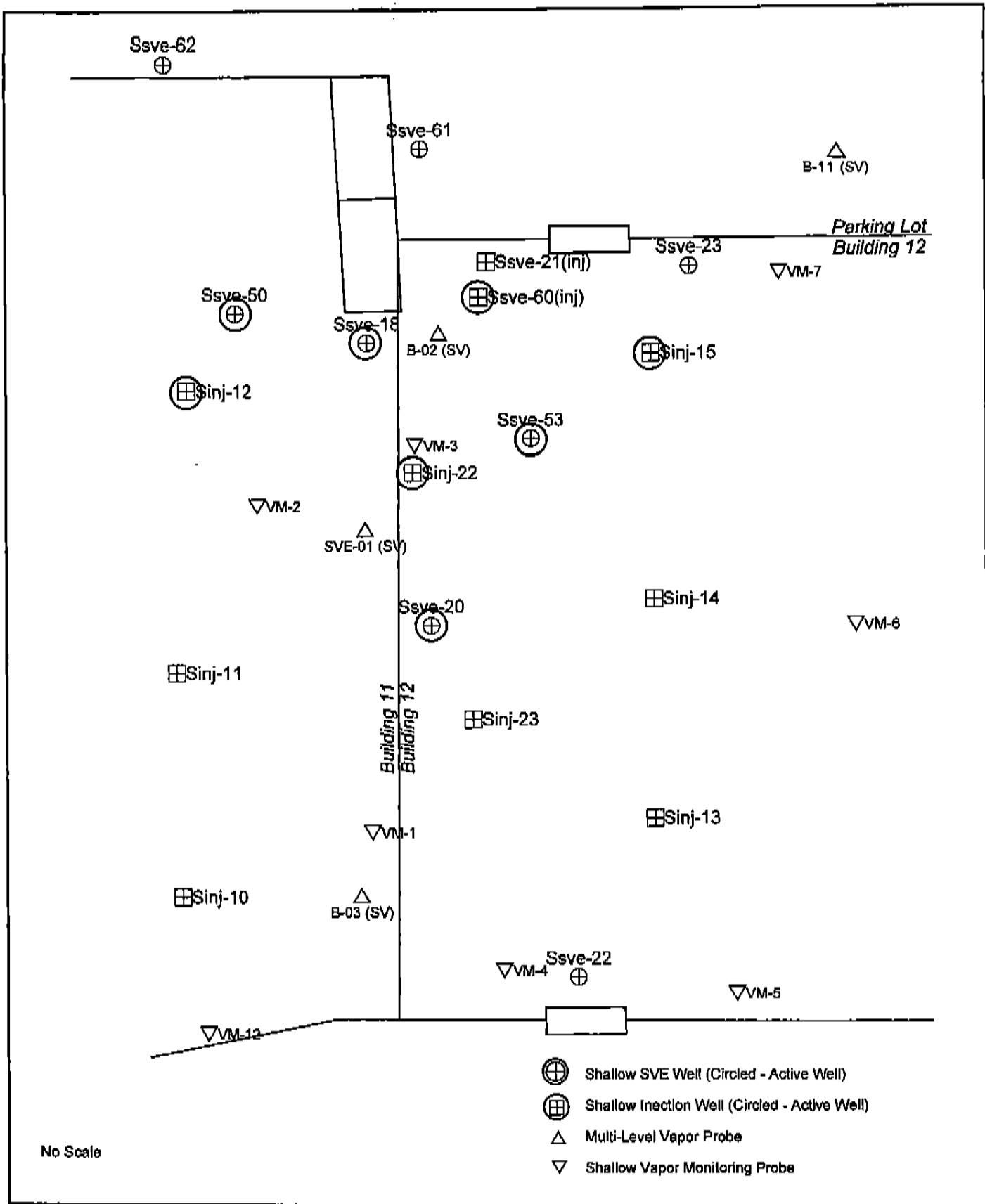
Samples were analyzed for 21 VOCs according to February 1997 Well Investigation Program.

Ssve-60 was converted to an injection well.

FIGURE

APPENDIX A

**REPORT OF SOIL GAS ANALYSIS, INTERPHASE
ENVIRONMENTAL, JUNE 18, 2001**




 <p>HYDRO GEO CHEM, INC.</p>	LOCATIONS OF SHALLOW SVE AND INJECTION WELLS AND PROBES IN BUILDING 12		
	Approved <p style="text-align: center;">JJW</p>	Date <p style="text-align: center;">7/12/01</p>	Reference <p style="text-align: center;">H:46500/46512 Location/All Wells.srf</p>

Table I. Analytical Result of Samples

Lab ID: Phase 17

Operator: Daniel Alvarez

Sample ID :	SB010618	B-2 @ 25'	B-2 @ 50'	SSVE-60	SSVE-18	SSVE-53	SSVE-53/DUP	BLOWER INFLUENT
Date Collected :	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01
Time Collected :	7:05	13:37	13:47	13:53	13:57	14:01	14:01	14:07
Date Analyzed :	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01	6/18/01
Time Analyzed :	7:08	14:36	14:45	15:00	15:15	15:20	15:30	15:25
Volume Analyzed (ml) :	1	1	1	1	1	1	1	1
Compound Name	Detector	RT (min)						
Dichlorodifluoromethane	ELCD	1.83	<1	<1	<1	<1	<1	<1
Vinyl Chloride	ELCD	2.33	<1	<1	<1	<1	<1	<1
Chloroethane	ELCD	3.00	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	ELCD	3.38	<1	<1	<1	<1	<1	<1
Dichloromethane	ELCD	4.62	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	ELCD	4.97	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	ELCD	5.48	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	ELCD	6.23	<1	<1	<1	<1	<1	<1
Chloroform	ELCD	6.66	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	ELCD	6.90	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	ELCD	7.15	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	ELCD	7.44	<1	<1	<1	<1	<1	<1
Trichloroethene	ELCD	8.43	2.6	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	ELCD	11.40	<1	<1	<1	<1	<1	<1
Tetrachloroethane	ELCD	11.69	605	<1	<1	<1	146	71
1,1,1,2-Tetrachloroethane	ELCD	13.65	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	ELCD	15.87	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	PID	3.99	<1	<1	<1	<1	<1	<1
Benzene	PID	7.39	<1	<1	<1	<1	<1	<1
Toluene	PID	10.59	<1	<1	<1	<1	<1	<1
Ethyl Benzene	PID	13.70	<1	<1	<1	<1	<1	<1
m/p-Xylene	PID	13.98	<1	<1	<1	<1	<1	<1
o-Xylene	PID	14.76	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorotrifluoroethane	FID	3.98	<1	<1	<1	<1	<1	<1
% C13DCPE Recovery (ELCD)		10.02	97	100	95	92	91	92
% C13DCPE Recovery (PID)		9.98	96	96	89	98	98	94
% 4CLTOL Recovery (PID)		16.21	98	95	89	96	95	95
% C13DCPE Recovery (FID)		8.54	100	99	99	99	99	100
% 4CLTOL Recovery (FID)		15.44	102	99	96	98	98	99

Unit of Concentration is ug/L
 NA - Not Applicable, or Not Available

APPENDIX B

**REPORT OF SOIL GAS ANALYSIS, INTERPHASE
ENVIRONMENTAL, AUGUST 6, 2001**



INTERPHASE ENVIRONMENTAL, INC.

MOBILE LABORATORIES AND DIRECT PUSH DRILLING

Tuesday, August 14, 2001

Mr. John Ward
Hydro GeoChem, Inc.
51 Wetmore, Suite 101
Tucson, AZ 85705-1678

Re: Soil Gas Investigation
InterPhase Project #: 01171
Zero Facility
Burbank, CA

Dear Mr. Ward:

This report presents the results of the soil gas investigation performed on Monday, August 6, 2001 in Burbank, California. InterPhase Environmental, Inc. (InterPhase) under contract to Hydro GeoChem, Inc. conducted the investigation.

Soil gas analyses were performed in accordance with our firms Standard Operating Procedures, which was based on the guidelines for soil gas investigation set by California Regional Water Quality Control Board, Los Angeles (February 25, 1997).

Please do not hesitate to give us a call if you have any questions or need further information.

Sincerely,

InterPhase Environmental, Inc.
Mr. Chipper R. Greene
Senior Chemist

Lab ID: Phase 17
Operator: Daniel Alvarez

Date Calibrated: August 06, 2001
Calibration Standard: CAL9904
LCS Standard: CAL9903
Date Standard Prepared: August 25, 1999
Analyst: Daniel Alvarez
Date LCS Checked:
Time LCS Checked:
Volume of LCS Injected (mL):

6-Aug-01
9:18
0.2

Compound Name	Detector	RT (min)	Std Conc. (ug/L)	Area	RF	Cal. Avr. RF	% Dev.	Acpt. Rng
Dichlorodifluoromethane	ELCD	1.83	351	239115	2.94E-04	2.81E-04	4.4	±25
Vinyl Chloride	ELCD	2.33	349	207418	3.37E-04	3.16E-04	6.5	±25
Chloroethane	ELCD	3.00	361	221191	3.26E-04	3.11E-04	5.1	±25
Trichlorofluoromethane	ELCD	3.38	382	295031	2.59E-04	2.30E-04	12.4	±25
Dichloromethane	ELCD	4.62	354	267269	2.65E-04	2.48E-04	7.0	±15
trans-1,2-Dichloroethene	ELCD	4.97	352	250914	2.81E-04	2.66E-04	5.5	±15
1,1-Dichloroethane	ELCD	5.48	293	224185	2.61E-04	2.69E-04	-3.0	±15
cis-1,2-Dichloroethene	ELCD	6.23	357	241713	2.95E-04	2.91E-04	1.7	±15
Chloroform	ELCD	6.66	352	297182	2.37E-04	2.29E-04	3.3	±15
1,1,1-Trichloroethane	ELCD	6.90	349	289820	2.41E-04	2.30E-04	4.5	±15
Carbon Tetrachloride	ELCD	7.15	350	328652	2.13E-04	2.00E-04	6.3	±15
1,2-Dichloroethane	ELCD	7.44	348	249682	2.79E-04	2.64E-04	5.6	±15
Trichloroethene	ELCD	8.43	350	264234	2.65E-04	2.40E-04	10.5	±15
1,1,2-Trichloroethane	ELCD	11.40	349	269756	2.59E-04	2.50E-04	3.4	±15
Tetrachloroethene	ELCD	11.69	369	301743	2.45E-04	2.18E-04	11.9	±15
1,1,1,2-Tetrachloroethane	ELCD	13.65	355	296325	2.40E-04	2.20E-04	8.8	±15
1,1,2,2-Tetrachloroethane	ELCD	15.87	351	282746	2.48E-04	2.27E-04	9.2	±15
1,1-Dichloroethene	PID	3.99	362	103681	6.98E-04	7.16E-04	-2.5	±15
Benzene	PID	7.39	359	257930	2.78E-04	2.97E-04	-6.1	±15
Toluene	PID	10.59	352	221199	3.18E-04	3.32E-04	-4.1	±15
Ethyl Benzene	PID	13.70	351	194788	3.60E-04	3.73E-04	-3.3	±15
m/p-Xylene	PID	13.98	707	475610	2.97E-04	2.97E-04	0.1	±15
o-Xylene	PID	14.76	353	191294	3.69E-04	3.74E-04	-1.2	±15
1,1,2-Trichlorotrifluoroethane	FID	3.98	344	20174	3.41E-03	3.33E-03	2.3	±25



California Regional Water Quality Control Board

Los Angeles Region



Gray Davis
Governor

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320 W. 4th Street, Suite 200, Los Angeles, California 90013

Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

Winston H. Hickox
Secretary for
Environmental
Protection

November 28, 2001

Mr. Ronald D. Habel
APW North America, Inc.
18 Maplewood Drive
Wilbraham, MA 01095

NO FURTHER REQUIREMENTS - FORMER ZERO CORPORATION FACILITY
777 FRONT STREET, BURBANK, CALIFORNIA (FILE NO. (109.6162; PCA NO. 2046J)

Dear Mr. Habel:

We are in receipt of the *Supplemental Site Closure Information* report, dated August 23, 2001, prepared by Hydro-Geo-Chem Inc., for the subject site. The report contains the results of the soil vapor rebound sampling following the completion of additional soil vapor extraction in impacted areas designated as Phase 2 (Deep Soil Vapor Extraction Program) for removal of tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination. The report also contained your request for no further action based on the submitted laboratory analytical results.

Laboratory analysis of soil vapor samples detected rebound concentrations of 11 µg/L for PCE in Well B-2 at 25 feet below ground surface (bgs). TCE concentrations were reduced to non-detect at 85 feet bgs. No other volatile organic compounds (VOC) were detected above the laboratory detection limits. Groundwater beneath the site is reported to be encountered at depths ranging from 94 feet bgs in MW-3 to 126 feet bgs in MW-7.

Based on our review of the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, we have no further requirements for VOC soil contamination with respect to the San Fernando Valley Cleanup Program at the subject site.

The relatively small volume of impacted soil, attenuation of concentrations with depth, and the diminished concentration of VOCs remaining in the soil appear not to pose a present or continuing threat to groundwater quality. Therefore, no further VOC assessment or cleanup of soil is warranted.

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption
For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>

Mr. Ronald D. Habel
APW North America, Inc.

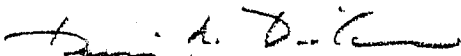
- 2 -

November 28, 2001

The jurisdiction requirements of other agencies, such as the U.S. Environmental Protection Agency, are not affected by the Board's "no further requirements" determination. Such agencies may choose to make their own determination concerning the site.

If you have any questions, please call Mr. Elijah Hill at (213) 576-6730.

Sincerely,



Dennis A. Dickerson
Executive Officer

cc: Mr. David Stensby, USEPA Region IX, San Francisco
Mr. Michael Lauffer, SWRCB, Office of the Chief Counsel
Mr. Robert Sams, SWRCB, Office of the Chief Counsel
Mr. Mel Blevins, ULARA Watermaster
Mr. John J. Ward, Hydro Geo Chem, Inc.
Mr. Michael A. Francis, Demetriou, Del Guercio, Springer & Francis
Mr. Donald C. Nanney, Gilchrist & Rutter

California Environmental Protection Agency

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California Regional Water Quality Control Board

Los Angeles Region



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Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rvqcb4>

July 1, 2002

Mr. Ronald D. Habel
APW North America, Inc.
18 Maplewood Drive
Wilbraham, MA 01095

CERTIFICATE OF COMPLETION - APW NORTH AMERICA, INC. (FORMER ZERO CORPORATION) 777 FRONT STREET, BURBANK, CA (FILE NO. 109.6162; PCA NO. 2046J)

Dear Mr. Habel:

This letter transmits the attached *Certificate of Completion* for the subject site in accordance with State Board Resolution No. 97-17. Site mitigation activities have satisfied the requirements of all agencies concerned with the hazardous substance release. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries is greatly appreciated.

This notice is issued pursuant to California Health and Safety Code Section 25264.

If you have any questions concerning this letter, please contact Mr. Dixon Oriola at (213) 576-6803 or Mr. Elijah Hill at (213) 576-6730.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures

cc: See next page

California Environmental Protection Agency

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For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>

Recycled Paper

Mr. Ronald d. Habel
APW North America, Inc.


- 2 -

July 1, 2002

cc: Mr. Don Johnson, State Department of Toxic Substances Control, Site Designation
Committee,
Mr. Michael Lauffer, State Water Resources Control Board, Office of Chief Counsel
Mr. Robert Sams, State Water Resources Control Board, Office of Chief Counsel
Ms. Sayareh Amirebrahimi, State Department of Toxic Substances Control, Glendale
Office
Ms. Vera Melnyk Vecchio, State Department of Health Services, Drinking Water Field
Operations Branch
Mr. David Stensby, US Environmental Protection Agency
Mr. Mel Blevins, Upper Los Angeles River Area Watermaster

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption
For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>

 Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Number 97-19

CERTIFICATE OF COMPLETION

Unified Agency Review of Hazardous Materials Release Sites
California Health and Safety Code § 25260-25268

Los Angeles Regional Water Quality Control Board was designated as the Administering Agency by the Site Designation Committee after a request by **APW North America Inc., a Delaware Corporation, formerly known as Zero Corporation** to oversee the Site Investigation and Remedial Action at 777 North Front Street, Burbank, CA (the Hazardous Materials Release Site). See Resolution No. 97-19, attached as Exhibit A to this Certificate.

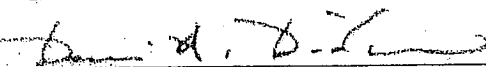
In accordance with Health and Safety Code § 25264, the Administering Agency, after appropriate consultation with other agencies, has determined and/or certifies that:

1. The Site Investigation and Remedial Action at the Site has been satisfactorily completed and a permanent remedy has been accomplished [§ 25264(b)]. Actions taken are described in Exhibit B attached.
2. Applicable Remedial Action standards and objectives were achieved [§ 25264(b)].
3. The Responsible Party has complied with the requirements of all state and local laws, ordinances, regulations, and standards that are applicable to the Site investigation and Remedial Action [§ 25264(c)].

No agency may take action against the Responsible Party with respect to the hazardous materials release at the site except as specified in Health and Safety Code § 25264(c)(1) through (6).

Issued this 30th day of June, 2002 by the
Administering Agency

Name: Dennis A Dickerson

Signature: 

Title: Executive Officer

zero
CRAP.

25264 C (1-6)
Change in Certificate of Completion

(c) Except as otherwise provided in Section 25265 and this subdivision, the issuance of a certificate of completion by the administering agency shall constitute a determination that the responsible party has complied with the requirements of all state and local laws, ordinances, regulations, and standards that are applicable to the site investigation and remedial action for which the certificate is issued.

Except as provided in Section 25265, no agency, other than the administering agency, that has jurisdiction over hazardous materials releases pursuant to those state and local laws, ordinances, or regulations may take action against the responsible party with respect to the hazardous materials release that was the subject of the site investigation and remedial action for which a certificate of completion is issued and the administering agency may take action against the responsible party with respect to the hazardous materials release that was the subject of the site investigation and remedial action for which a certificate of completion is issued only if the administering agency determines that one or more of the following applies:

- (1) Monitoring, testing, or analysis of the hazardous materials release site subsequent to the issuance of the certificate of completion indicates that the remedial action standards and objectives were not achieved or are not being maintained.
- (2) One or more of the conditions, restrictions, or limitations imposed on the site as part of the remedial action or certificate of completion are violated.
- (3) Site monitoring or operation and maintenance activities that are required as part of the remedial action or certificate of completion for the site are not adequately funded or are not properly carried out.
- (4) A hazardous materials release is discovered at the site that was not the subject of the site investigation and remedial action for which the certificate of completion was issued.
- (5) A material change in the facts known to the administering agency at the time the certificate of completion was issued, or new facts, causes the administering agency to find that further site investigation and remedial action are required in order to prevent a significant risk to human health and safety or to the environment.
- (6) The responsible party induced the administering agency to issue the certificate of completion by fraud, negligent or intentional nondisclosure of information, or misrepresentation.

} *



Mr. M. Rooney
Secretary for
Environmental
Protection

California Environmental Protection Agency

Air Resources Board • Department of Pesticide Regulation • Department of Toxic Substances Control
Integrated Waste Management Board • Office of Environmental Health Hazard Assessment
State Water Resources Control Board • Regional Water Quality Control Boards



Pete Wilson
Governor

March 30, 1998

Mr. Hank H. Yacoub
Cleanup Section Chief
Regional Water Quality Control Board - Los Angeles
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Dear Mr. Yacoub:

DESIGNATION OF AN ADMINISTERING AGENCY FOR ZERO CORPORATION - 777 FRONT STREET, BURBANK, CALIFORNIA COUNTY OF LOS ANGELES

Pursuant to Health and Safety Code, Division 20, Chapter 6.65, Section 25260 *et seq.* (AB 2061, Chapter 1184, Statutes of 1993 (Umberg)), the Site Designation Committee has designated the Regional Water Quality Control Board as the administering agency for the Zero Corporation hazardous materials release site (site). The site is located at 777 Front Street, Burbank, California, County of Los Angeles. Enclosed is a copy of approved Resolution No. 97-19.

The administering agency's responsibilities include administering all state and local laws that govern the site cleanup, determining the adequacy and extent of cleanup, issuance of necessary authorizations and permits, and following the determination that an approved remedy has been accomplished, issuance of a certificate of completion. All of these activities should be administered after consultation with other regulatory agencies having jurisdiction over cleanup activities at the site. The administering agency should hold an initial meeting with support agencies to clarify roles, arrange cost recovery contracts, and set project proposed timeliness.

If requested, a Consultative Work Group can assist in coordinating all site investigation and remediation activities. The work group would consist of front-line staff from all appropriate agencies. As the administering agency, your staff should

Mr. Hank H. Yacoub

March 30, 1998

Page 2

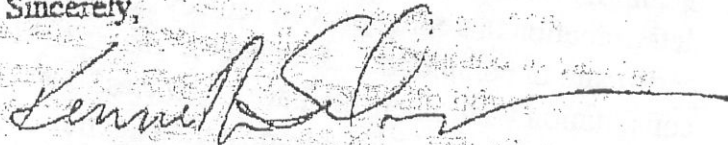
organize and chair meetings of the work group if one is formed. The work group should meet within 45 days of designation and as often as necessary thereafter. The administering agency, and any interested members of the work group, should meet with the responsible party to discuss the results of the meetings within 60 days of designation.

To optimize coordination, the work group would develop a work plan for site cleanup. The work plan should layout the time frame for accomplishing site cleanup activities. The work plan should identify all permits and authorizations necessary for site cleanup; requirements for compliance with appropriate agency laws, ordinances and regulations; and areas where regulatory duplication and overlap can be eliminated. Streamlining the process should be emphasized.

Please keep us advised of the progress made on this site cleanup by providing reports on a regular basis. Enclosed is a recommended reporting form.

This new program, and all our existing programs, can be successful only if original and flexible processes are used to implement our state's high environmental standards. I am confident that your staff has the expertise and ingenuity to make this Site Designation application a model of success. The Office of the Secretary supports and is available to assist you in these efforts. If you have any concerns, please call Ms. Laurie Grouard, Acting Site Designation Coordinator, at (916) 323-3394.

Sincerely,



Kenneth Selover, Chair
Site Designation Committee

Enclosures

cc: See next page.

Mr. Hank H. Yacoub
March 30, 1998
Page 3

cc: Mr. Michael A. Francis, Esq.
Zero Corporation
444 South Figueroa Street, 21st floor
Los Angeles, California 90071

Mr. Eric Nupen
Regional Water Quality Control Board
101 Centre Plaza Drive
Monterey Park, California 91754

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
SITE DESIGNATION COMMITTEE
RESOLUTION NO. 97-19
FEBRUARY 5, 1998
ZERO CORPORATION, BURBANK, CA

WHEREAS, Chapter 6.65 of the Health and Safety Code, commencing with Section 25260 establishes a Site Designation Committee; and

WHEREAS, the Site Designation Committee may designate an administering agency to oversee a site investigation and remedial action at a hazardous materials release site upon request of a responsible party; and

WHEREAS, Zero Corporation, a responsible party as defined in Health and Safety Code Section 25260(h), requested the Site Designation Committee to designate an administering agency to oversee site investigation and remedial action at Zero Corporation's property within the San Fernando Valley Area 2 Crystal Springs Superfund Site, Glendale North and South Operable Units, and areas where hazardous materials have migrated from that property, at 777 North Front Street, Burbank, Los Angeles, Los Angeles County, California, more particularly described in Attachment B; and

WHEREAS, this site is a hazardous materials release site as defined in Health and Safety Code Section 25260; and

WHEREAS, the Site Designation Committee held a meeting on February 5, 1998, and provided an opportunity at the meeting for public comment regarding the application; and

WHEREAS, the Site Designation Committee considered the application and furthermore, considered all factors and criteria set forth in Health and Safety Code Section 25262(c); and

WHEREAS, Zero Corporation agrees to reimburse appropriate agencies for their appropriate oversight costs and/or costs of permit development, where those agencies' significant involvement and/or permit development is necessary for the furtherance of the project goals; and

WHEREAS, the Site Designation Committee has determined that, based on consideration of all of the factors listed in Health and Safety Code Section 25262(e), the California Regional Water Quality Control Board, Los Angeles Region, is the appropriate agency to act as the administering agency; and

WHEREAS, designation of an administering agency by the Site Designation Committee and compliance with state and local requirements does not release the responsible party from liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act or other federal requirements.

SITE DESIGNATION COMMITTEE
RESOLUTION NO. 97-19
Page Two

NOW, THEREFORE BE IT RESOLVED that the Site Designation Committee hereby designates the California Regional Water Quality Control Board, Los Angeles Region, as the administering agency for the site; and

BE IT FURTHER RESOLVED that this designation is subject to the following conditions:

1. California Regional Water Quality Control Board, Los Angeles Region, shall consult, on an ongoing basis, with all appropriate agencies who have expressed an interest in this site, including all agencies who would otherwise be issuing a permit or other form of authorization:
 - a) in administering all state and local laws which are applicable;
 - b) in determining the adequacy of site investigation and remedial action activities; and
 - c) prior to issuing any permit or other form of authorization.
2. Such consultation will also include notification if information becomes available to the administering agency that the original application was inaccurate or was incomplete.
3. If an advisory team is convened by the Site Designation Committee, a representative of the administering agency shall attend all advisory team meetings.
4. The California Regional Water Quality Control Board, Los Angeles Region, shall submit quarterly reports to the Site Designation Committee and to other appropriate agencies concerning the status of the investigation and/or remediation of the Site and shall comply with applicable public participation requirements.

CERTIFICATION

The undersigned Chair of the Site Designation Committee does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Site Designation Committee held in Sacramento, California on February 5, 1998.

DATED: March 30, 1998

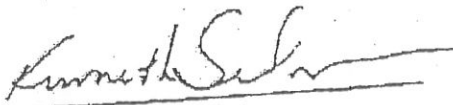

Kenneth Selover, Chair
Site Designation Committee

Exhibit B

**PARCEL ACQUISITION SITE INVESTIGATION
777 NORTH FRONT STREET
I-5 SOUTHBOUND, BETWEEN
MAGNOLIA AND BURBANK AVENUES
07-LA-5; PM 28.1/31.9
BURBANK, CALIFORNIA
TASK ORDER NO. 15, EA NO. 121831
CONTRACT NO. 07A2211**

PREPARED FOR:

State of California
Department of Transportation
District 7, Division of Planning, 12th Floor, MS-16
Office of Environmental Engineering and Corridor Studies
100 South Main Street
Los Angeles, California 90012

PREPARED BY:

Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618

June 30, 2009
Project No. 207126015

June 30, 2009
Project No. 207126015

Dr. Ayubur Rahman
State of California
Department of Transportation
District 7, 12th Floor, MS-16
Office of Environmental Engineering and Corridor Studies
100 South Main Street
Los Angeles, California 90012

Subject: Parcel Acquisition Site Investigation
777 North Front Street
I-5 Southbound between Magnolia and Burbank Avenues,
07-LA-5; PM 28.1/31.9
Burbank, California
Task Order No. 15; EA No. 121831
Contract No. 07A2211

Dear Mr. Rahman:

Ninyo & Moore has prepared this report to document the procedures and results for soil and soil vapor sampling conducted at 777 North Front Street, in Burbank, California. Fieldwork was conducted by Ninyo & Moore on April 20 through 24, 2009, in accordance with the State of California, Department of Transportation (Department) Contract No. 07A2211, Task Order No. 15 and Ninyo & Moore's work plan dated April 3, 2009. A description of field procedures and results, figures, tables, and appendices are attached. We appreciate the opportunity to provide service on this project.

Sincerely,
NINYO & MOORE



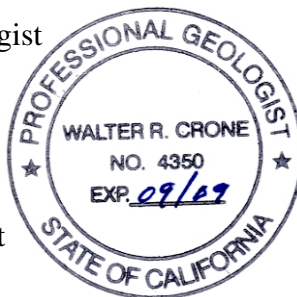
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PDS/NA/WRC/sc/mlc

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EXECUTIVE SUMMARY

The Department is planning to acquire a portion of the property located at 777 North Front Street in order to construct high occupancy vehicle (HOV) lanes along Interstate 5 (I-5). The site will be used for widening the I-5 by replacing the existing retaining wall to the west of the site.

Former activities at the 777 North Front included metal and foam packaging operations, sulfuric anodizing operations, chromate conversion coating operations, and iron phosphate operations conducted by the Zero Manufacturing Corporation from 1975 to 1991. Contaminants of concern based on past site uses include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene (1,1-DCE), and fuel products. Investigation and remediation activities were conducted from 1991 to 2001. The Regional Water Quality Control Board (RWQCB) issued a Certification of Completion in 2002 for the site investigation and remedial action conducted at the 777 North Front Street property.

Based on the results of this assessment the following conclusions have been made:

- Concentrations of volatile organic compounds (VOCs), metals, polychlorinated biphenyls (PCBs), semivolatile organic compounds (SVOCs), petroleum hydrocarbons, and pH were detected in the soil samples collected at the site at levels below the site specific clean up goals approved by the RWQCB. Chlorinated VOCs associated with off site sources or the San Fernando Valley Superfund Site (Superfund Site) were detected in low concentrations in some soil samples collected at the site. With the exception of one boring (1001-117), chlorinated VOCs were not detected in soil samples collected deeper than 5 feet bgs. In boring 1001-117, the deepest sample analyzed (40 feet bgs) did not contain detectable VOCs. As was discussed in the April 15, 2001, Hydro Geo Chem report, site soil does not appear to be a source of chlorinated VOC contamination because soil concentrations are low relative to other affected media such as soil vapor.
- PCE, TCE, freon 113, chloroform, toluene, 1,1,1-TCA, 1,1-DCE, 1,1,2-trichloroethane (1,1,2-TCA), and total petroleum hydrocarbons gasoline (TPHg) range were detected in soil vapor samples collected at the site. Concentrations of PCE and TCE exceeded California Human Health Screening Levels (CHHSLs). Concentrations of freon 113, chloroform, toluene, 1,1,1-TCA, 1,1-DCE, 1,1,2-TCA, and TPHg did not exceed CHHSLs. Freon 113, toluene, and chloroform were not detected in soil samples, so their source is likely off site. An on-site source for TPHg and the five chlorinated solvents that were detected in soil vapor, PCE, TCE, 1,1,1-TCA, 1,1-DCE, and 1,1,2-TCA, was not identified. The soil vapor contamination appears most elevated along the northwestern edge of the site. Impacts to the site likely have an off-site source and off-gassing from contaminated groundwater beneath the site associated with the Superfund Site may be contributing to the VOCs in soil vapor.

For these reasons there is a low likelihood that this site has contributed to contamination associated with the Superfund Site. It would appear that a rebound in soil vapor concentrations has occurred since the site was remediated as a portion of the 777 North Front Street property. However, these rebounded concentrations remain below the site clean up goals (Appendix G) approved by the RWQCB. Because the soil vapor PCE concentrations have increased from less than approximately 2,000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) following remediation in 2001 to as much as 52,400 $\mu\text{g}/\text{m}^3$ reported in this study, there is a possibility that VOC concentrations could continue to increase and possibly exceed site clean-up goals of 71,000 $\mu\text{g}/\text{m}^3$, additional remedial action may be required. Insufficient data regarding the location, nature, concentration, and mass of the likely off-site source of VOC and groundwater beneath the site does not allow the likelihood of such a possible outcome to be estimated.

- Concentrations of PCE in soil vapor ranged from less than the detection limit of 20 to 52,400 $\mu\text{g}/\text{m}^3$. Concentrations of PCE in soil ranged from less than the detection limit of 5.5 to 63 micrograms per kilogram ($\mu\text{g}/\text{kg}$). Concentrations of TPH C₄-C₁₂ in soil were less than the detection limit of 1.0 mg/kg. Concentrations of TPH C₁₃-C₂₂ in soil ranged from less than the detection limit of 10 to 300 milligrams per kilogram (mg/kg). Concentrations of TPH C₂₃-C₃₂ in soil ranged from less than the detection limit of 10 to 1,300 mg/kg. Concentrations of TPH >C₃₂ in soil ranged from less than the detection limit of 10 to 1,800 mg/kg. Soil with detectable concentrations of petroleum hydrocarbons, approximately 16,500 cubic yards of soil from the surface to 20 feet below ground surface (bgs), would be classified as petroleum contaminated non-hazardous waste if it were disturbed during construction activities (e.g., excavation, grading). No detectable concentrations of petroleum hydrocarbons were reported in the site soil from depths of 20 to 40 feet bgs, so soil generated during construction activities at depths greater than 20 feet bgs would be considered clear of hazardous waste. Excavated site soil from the upper 20 feet containing petroleum hydrocarbon detections can be treated, recycled, reused, or disposed at a Class III disposal facility after acceptance from the selected facility as petroleum contaminated non-hazardous waste, based on their criterion (Refer to Appendix F, Figures 3, 5a, 5b, 5c, and 5d for further details). The source of petroleum hydrocarbon contamination in site soil is likely from the past property operations which for the most part occurred off site, or from sources such as spills, releases, etc. located off site. A specific source of petroleum hydrocarbon contamination in site soil was not located on site.
- The estimated cost to excavate, transport, and dispose the approximately 16,500 cubic yards of petroleum contaminated non-hazardous soil expected to be generated and the estimated cost to perform vapor monitoring and suppression for the remaining earth moving activities is approximately \$1,300,000 to \$2,000,000. The cost tables are presented in Appendix F.
- Residential land use CHHSLs are generally considered adequate for sensitive uses such as day-care centers, hospitals and the like, some of which house sensitive receptors such as toddlers, the elderly or even immune-compromised patients on a full time basis. For this reason, the CHHSLs are relatively conservative compared to the Threshold Limit Values

(TLVs) and Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs), which were developed for healthy adults of working age and are based upon 8-hour exposures and 40 hour work weeks. Based on the TLVs and PELs the VOCs and TPHg concentrations detected in the soil vapor samples do not pose a risk to worker safety. Even so, it is recommended that the results of this site investigation (SI) be used in the development of a site-specific health and safety plan (HSP) for the proposed construction, because chemical exposure to site workers may still occur under certain conditions.

Based on the results of this assessment, Ninyo & Moore recommends the following:

- Prepare and implement a lead compliance plan due to the presence of lead in the soil.
- Prepare and implement a fugitive dust mitigation plan based on South Coast Air Quality Monitoring District (SCAQMD) Rule 403.
- Apply for and implement a SCAQMD Site Specific Rule 1166 permit for VOC contaminated soil excavation exceeding 2,000 cubic yards in a two year period.
- Prepare and implement a HSP for the proposed construction. Although the chemicals detected in soil and soil vapor are present in concentrations below risk levels, preparation of a HSP is still recommended to address worker safety.
- Soil containing petroleum hydrocarbons that is disturbed during construction activities should be removed and disposed or recycled as petroleum contaminated non-hazardous waste. If the department has the ability to reuse petroleum contaminated soil on the site, this would be allowed based on the soil analytical results; the maximum TPH C₄-C₁₂ concentration was less than the detection limit of 10 mg/kg that is less than the screening level of 500 mg/kg, the maximum TPH C₁₃-C₂₂ concentration was 300 mg/kg that is less than the screening level of 1,000 mg/kg, and the maximum TPH C₂₃-C₃₂ concentration was 1,300 mg/kg that is less than the screening level of 10,000 mg/kg, as specified in the RWQCB Interim Site Assessment & Cleanup Guidebook. Additional options for soil disposal may present themselves based on possible regulatory agency review and approval. We have not relied on this possibility in considering disposal options because we do not know what potential reuse options might exist in order to evaluate possible regulatory agency. This is a waste-handling requirement only, classification of site soil as petroleum contaminated non-hazardous waste does not indicate the need for site remediation or health and safety requirements.
- Based on the results of the analytical data and the proposed future site use, additional environmental assessment is not warranted.

1. INTRODUCTION

In accordance with the State of California, Department of Transportation (Department) Contract No. 07A2211, Task Order No. 15 (TO 15) and Ninyo & Moore's work plan dated April 3, 2009 (work plan), Ninyo & Moore has performed a parcel acquisition site assessment (SI) at a portion of 777 North Front Street in Burbank, California (site; Figure 1). This report has been prepared in general accordance with the work plan. This report is based on conditions at the site at the time of the sampling activities and provides documentation of our findings and recommendations.

1.1. Project Location

The project includes a portion of the private property at 777 North Front Street in Burbank, California (site, Figure 1). This currently vacant strip of land will be used for widening the Interstate 5 (I-5) by replacing the existing retaining wall to the west of the site. The site will be a partial-take by the Department as part of the reconfiguration project. The partial-take is within the former Zero Corporation portion of the 777 North Front Street property.

1.2. Proposed Project

Two HOV lanes will be constructed on the I-5. The widened freeway will be placed in private properties which the Department is planning to acquire. In support of the project, Ninyo & Moore has conducted a SI at the aforementioned site.

1.3. Site Description

The site is a strip of land on the northeast side of the 777 North Front Street property in Burbank, California. Adjacent to the northeast of the site is the Department right-of-way. Adjacent to the southwest of the site is the remainder of the 777 North Front Street property beyond which is North Front Street.

2. ENVIRONMENTAL SETTING

2.1. Geology/Hydrogeology

The site is within the northwestern block of the Los Angeles Basin. A majority of this province consists of alluvium, lake, playa, and terrace deposits, and unconsolidated and semi-consolidated sedimentary deposits. According to the Soil Survey of Los Angeles County, published by the United States Department of Agriculture Soil Conservation Service, dated June 1967, revised December 1969, the near surface soil associations underlying the site belong primarily to the Hanford association and the Tujunga-Soboba association.

Soil encountered during drilling activities was primarily layers of brown sand, silty sand, clayey sand, and sandy silt with trace gravel.

The site is within the San Fernando Valley Groundwater Basin of Los Angeles. Groundwater uses in the basin as designated by the Regional Water Quality Control Board (RWQCB) include, but are not limited to, municipal and domestic supply, industrial services and process supply, and agricultural supply. The closest surface water to the site is the Burbank Western Channel approximately 500 feet south of the site. The channel flows southeast into the Los Angeles River.

Drinking water in the San Fernando Valley Basin has been contaminated with trichloroethylene (TCE) and tetrachloroethylene (PCE) from numerous sources. Several plumes of contaminated groundwater are referred to collectively as the San Fernando Valley Superfund Site (Superfund Site). Based on the information provided by the United States Environmental Protection Agency (EPA), the site is within the portion of the Superfund Site known as the Burbank Operable Unit.

Based on the information obtained from the State Water Resources Control Board (SWRCB) Geotracker Website and obtained during the file reviews, the depth to groundwater in the site vicinity is approximately 100 feet below ground surface (bgs); the groundwater flow direction in the site vicinity is to the southeast. Based on this SI, groundwater beneath the site is present at depths greater than 100 feet bgs.

3. PROPERTY BACKGROUND RESEARCH

This site is located in the Superfund Site. Sometime between 1992 to 1995, the EPA placed this property on the List of Remedial Action Special Notice Recipients. Being on this list indicates that the owners of the property were potentially responsible for response actions taken by EPA pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) for activities related to the Superfund Site.

Based on an Initial Site Assessment Report by Professional Services Industries (PSI), dated June 26, 2003, Zero Manufacturing Company performed metal stamping on this parcel and was a large-scale generator of hazardous waste. This property was identified to have recognized environmental conditions, as it was listed on the CERLIS/NFRAP, UNIQUE CO FINDS UST and GNRTR databases. The PSI report indicates that: “no further investigation is required by the Department of Toxic Substances Control (DTSC)”.

Ninyo & Moore contacted the DTSC, the RWQCB and the Burbank Fire Department (BFD) to request a file review for the 777 North Front Street property. Copies of documents reviewed are included in Appendix B of the work plan. Based on the documents reviewed, the following were noted:

- Past operations (1975-1991) at the property include metal and foam packaging operations, sulfuric anodizing operations, chromate conversion coating operations, and iron phosphate operations.
- 1975 – Violation issued for discharging waste water with elevated chromium concentrations by the City of Burbank Public Works Department.
- Various waste manifests reviewed indicating the accumulation of waste solvent, waste oil, waste acids, and paint sludge at the site. Chemicals routinely used at the property include: 1,1,1-trichloroethane (1,1,1-TCA), hydrochloric acid, nitric acid, chromic acid (aluminum coating process), sodium hydroxide, paint thinner, and hydraulic oil.
- 1991-1994 – Initial site investigations indicated the presence of volatile organic compounds (VOC) contamination in the soil. The following chemicals were reported above cleanup levels: PCE, TCE, 1,1,1-TCA, and 1,1-dichloroethene (1,1-DCE).
- 1998-1999 – Approved “Phase I” work plan initiated to remediate shallow soil contamination areas on the property to depths of 20 feet. A soil vapor extraction (SVE) system was

installed to remediate shallow soil contamination. Specific areas addressed in the Phase I remediation activities could not be determined based on the files reviewed by Ninyo & Moore.

- 1999-2000 – Approved “Phase II” work plan initiated to remediate deep soil and groundwater contamination to depths greater than 75 feet. Phase II work included a dual completion SVE system allowing for air sparging. Specific areas addressed in the Phase II remediation activities could not be determined based on the files reviewed by Ninyo & Moore.
- RWQCB requested additional soil and groundwater sampling for the evaluation of chromium, methyl tertiary butyl ether (MTBE) and 1,4-dioxane. Analytical results from 2000 do not indicate the presence of 1,4-dioxane or MTBE in the vicinity of the proposed sampling. Information regarding the results of chromium evaluation were unavailable in the files reviewed by Ninyo & Moore.
- PCE, TCE, and chloroform were reported in the groundwater in the vicinity of the proposed sampling locations. Documents indicate that five monitoring wells were installed in the area of the proposed sampling locations (MW1, and MW-7 through MW-10).
- References were made to a “no further action” determination of Phase I activities by RWQCB. However, actual RWQCB letters were not available for review. References made to a “no further requirements” determination of Phase II activities dated November 28, 2001. However, actual RWQCB letters were not available for review.
- Records reviewed from the BFD indicate two, 5,000-gallon, underground storage tanks (UST) containing flammable liquids installed in 1975. Records show that two, 5,000-gallon USTs were removed from the property on July 8, 1987. The location of the USTs could not be determined based on the records reviewed. A hand drawn figure of the property dated August 19, 1985, shows four clarifiers and makes reference to several tanks throughout the southern portion of the property along North Front Street. None of the USTs, aboveground storage tank (ASTs) or clarifiers appear to be in the area of the site.
- Groundwater direction varies in the site vicinity due primarily to pumping by the City of Burbank (south of the site) or Lockheed (northwest of the site, possibly as part of remediation activities in the site vicinity). The most recent groundwater data was from 2000, which shows groundwater flowing in a southeasterly direction. Groundwater levels during remediation activities ranged from 94 and 126 feet bgs.
- Groundwater in the site vicinity may still be impacted by VOCs, primarily TCE. Reports prepared on behalf of Zero Manufacturing by Hydro Geo Chem (HGC) suggest an upgradient, off-site source.
- Ninyo & Moore interviewed a RWQCB case manager familiar with the site who stated that he was unaware of requirements by the RWQCB for continued action at the site and that it was his understanding that the case was closed.

A report prepared by HGC called Results of Site Remediation and Request for No Further Action, dated April 5, 2001 is summarized as follows: Remediation was performed at the APW facility between May 1998 and October 2000 in the form of two phases of SVE to remove VOCs from the property soil. Based on HGC's estimates, approximately 8,000 pounds of VOCs were removed from the property via SVE including PCE, TCE, 1,1-DCE, 1,1,1-TCA, and fuel products. According to HGC, VOC concentrations from surface to 60 to 85 feet bgs have been reduced to below property cleanup goals. However, property cleanup goals were still exceeded for some VOCs, mainly TCE, in soil close to the water table. HGC attributes this to volatilization from TCE in the groundwater and suggests it is the result of an off-site source. The site cleanup goals were described in their Table 6 which is presented in Appendix B of the work plan.

HGC concluded that because VOC mass removal rates had been reduced to approximately 1.5 pounds of VOCs per day (mainly fuel components) and the VOC mass removal rates showed asymptotic behavior, continuing SVE would provide little benefit. They concluded that the system had effectively removed VOC concentrations to below property cleanup goals in most site areas.

HGC noted that in the boring B-2 area, shallow PCE concentrations rebounded, but the rebound concentrations remained below the property cleanup goals. They suspected the rebound was the result of reduced SVE efficiency within an old concrete floor buried near the surface in the area. It is unclear from the figures provided in the HGC report the location of boring B-2.

HGC also concluded that shallow and intermediate depth soil had non-detectable or 'very low' TCE concentrations and the suspected source of the TCE concentrations in soil gas samples collected from near the water table is the groundwater contaminated from an off-site source rather than a source on the property.

Based on the conclusions above, HGC recommended the SVE system be shut down, continued groundwater monitoring cease, and no further action be required for the property.

On June 30, 2002, the RWQCB issued a Certification of Completion for the former Zero Corporation facility at 777 North Front Street. The certification indicated the SI and remedial action (RA) at the property has been satisfactorily completed and a permanent remedy has been accom-

plished; applicable RA standards and objectives were achieved; and the responsible party has complied with the requirements of all state and local laws, ordinances, regulations, and standards that are applicable to the SI and RA.

The certification did not state to which levels the property had been remediated or if disturbance of property soil would constitute a construction worker hazard. The certification also did not state what the accomplished permanent remedy was. A copy of the certification and the accompanying RWQCB letter (dated July 1, 2002) are included in Appendix B of the work plan.

4. OBJECTIVES

The objective of this SI was to evaluate the potential existence of soil, soil vapor, and groundwater contamination at the site. The Department will be obtaining part of the parcel for the widening project. The SI will evaluate the presence of possible contaminants that may exceed the acceptable regulatory limits or compromise the safety of the construction workers on site. Project depths are not expected to exceed 40 feet bgs. The SI identifies the concentration of contaminants in the subsurface so that worker safety can be addressed during construction and handling and/or disposal of excess soil can be evaluated. The information obtained may be used to help the Project Engineer estimate the volume of soil impacted, and the cost for remedial activities and/or for the appraisal for the acquisition.

5. SCOPE OF WORK

The following scope of work was performed in accordance with the work plan.

5.1. Site-Specific Health and Safety Plan

Ninyo & Moore prepared and provided a site-specific HSP, under separate cover, based on the scope of work and potential hazards observed during site reconnaissance. The HSP covered the field activities conducted by Ninyo & Moore personnel and was approved by a California Certified Industrial Hygienist (CIH).

The HSP was prepared in accordance with applicable local, state, and federal regulations. The HSP included health and safety requirements related to the proposed scope of the project and planned fieldwork activities.

5.2. Site Investigation

5.2.1. Site Reconnaissance

Ninyo & Moore and the Department visited the site on February 26, 2009. Twelve locations were marked with white spray paint at the approximate locations shown as borings 1001-101 through 1001-111 and 1001-201 and 1001-202 on Figure 2. The remaining borings (1001-112 through 1001-120) were installed as step-out borings based on initial soil vapor results from the first 12 borings.

5.2.2. Underground Service Alert (USA)

Ninyo & Moore obtained an inquiry identification number from USA at least 48 hours prior to start of work at the site. This number was obtained for the proposed SI borings.

5.2.3. Geophysical Survey

The investigation areas were evaluated by a geophysical subcontractor in order to locate utilities or other interferences which might interfere with sampling.

5.2.4. Soil Sampling

Twenty direct push borings were advanced and sampled on the site at the approximate locations shown on Figure 2. Four samples were collected from borings 1001-101 through 1001-112 at 2, 5, 10, and 20 feet bgs. Four samples were collected from borings 1001-113 and 1001-114 at 25, 30, 35, and 40 feet bgs. Eight samples were collected from borings 1001-115, 1001-118, 1001-119, and 1001-120 at depths of 2, 5, 10, 20, 25, 30, 35, and 40 feet bgs. Seven soil samples were collected from boring 1001-116 at depths of 5, 10, 20, 25, 30, 35, and 40 feet bgs.

5.2.5. Sampling Procedures - Soil

Soil borings were located based on the site reconnaissance, surface markings, geophysical survey, and initial sampling. Soil samples were collected using a hydraulic push rig and a hollow-stem auger. Excess soil not collected as a sample was placed in a Department of Transportation (DOT) approved container and stored on the site pending removal. Please refer to Appendix A for specific procedures.

Sample containers were labeled with boring number, unique Department ID number, and sample depth. Sampling information, time, date of sample collection, sample matrix type, turn-around-time, container type, requested analysis, and other information was recorded on the chain-of-custody. Soil samples were stored in an ice chest for transport to an Environmental Laboratory Accreditation Program (ELAP) certified laboratory within 24 hours of collection.

5.2.6. Groundwater Sampling

Two borings 1001-201-G and 1001-202-G were advanced with a hollow-stem auger to 100 feet bgs to attempt to collect grab groundwater samples. Groundwater was not encountered during drilling. The borings were terminated and backfilled the same day.

5.2.7. Soil Vapor Sampling Procedures

Two soil vapor samples were collected from borings 1001-101 through 1001-112 at depths of 5 and 15 feet bgs. Two soil vapor samples were collected from borings 1001-113, 1001-114, and 1001-117 at depths of 25 and 40 feet bgs. Four soil vapor samples were collected from borings 1001-115, 1001-116, and 1001-118 through 1001-120 at depths of 5, 15, 25, and 40 feet bgs. If elevated concentrations of VOCs were detected in the 15 foot bgs vapor probe then additional samples were collected at depths of 25 and 40 feet bgs in that probe vicinity, with Department approval. Soil vapor samples were collected to evaluate gross and significant concentrations of VOCs in the vapor phase. The soil vapor samples were collected in accordance with the DTSC RWQCB guidance for active soil gas investigations and the procedures outlined in Appendix C of

the work plan. Soil vapor samples were analyzed on site by a state certified mobile laboratory.

5.2.8. Decontamination

Clean and decontaminated sampling equipment was used for each borehole location. Sampling equipment was decontaminated between boreholes to prevent introduction of foreign materials and cross contamination. Specific decontamination procedures are described in Appendix A.

Soil and decontamination water generated from the soil survey on the private properties were placed in DOT approved drums and stored on the site pending removal. The drums were subsequently transported to the Crosby & Overton disposal facility in Long Beach, California. A copy of the disposal documentation is presented in Appendix D.

5.2.9. Investigative Derived Wastes (IDW)

Discarded equipment/items, such as gloves and pails, were disposed of accordingly. IDW is not considered hazardous and can be disposed of at a permitted disposal facility. Discarded equipment that is to be disposed of, which can still be re-used, was rendered inoperable prior to its disposal in the refuse facility at the direction of the Department.

5.3. GPS Data Collection

Borings were located and marked in the field using the Departments GPS NAD83 datum. Investigative data for each boring, sample, and test performed were entered into an electronic Microsoft Access 2000 database file. Borings were identified by a unique identification number system. Analytic data for each boring is included in the database file (Appendix E).

5.4. Laboratory Analysis

Selected soil samples were analyzed for VOCs by EPA Method 8260B/5035; total petroleum hydrocarbons (TPH) in the gasoline, diesel, C₄-C₁₂, C₁₃-C₂₂, C₂₃-C₃₂, and greater than C₃₂

ranges by modified EPA Method 8015/5035; PCBs by EPA Method 8082; SVOCs by EPA Method 8270C; pH by EPA Method 9045C; and Title 22 Metals by EPA Method 6010B.

Soil vapor samples were analyzed for VOCs and TPHg by EPA Method 8260B and in accordance with the DTSC/RWQCB guidance for active soil gas investigations.

The laboratory detection and reporting limits for the analyses are reported as the Method Detection Limit (MDL) and Practical Quantitation Limit (PQL). Soil vapor samples were analyzed by an on-site state-certified mobile laboratory operated by Jones Environmental. Soil samples were analyzed by Advanced Technology Laboratories (ATL), a state-certified laboratory in Signal Hill, California.

5.5. Quality Control and Quality Assurance (QA/QC)

5.5.1. Field QA/QC

Field procedures, including decontamination of field sampling equipment, described in Appendix A, were utilized to ensure quality of samples during field sampling. Duplicate samples were collected. The number of duplicate samples to be collected was approximately 10 percent of the total number of samples collected from the site. Duplicate samples were collected, numbered, and packaged in the same manner as other samples. Rinsate blank (equipment blank) samples were collected at a rate of one per day and consisted of distilled water poured through decontaminated sampling equipment. A trip blank was included in each cooler containing VOC soil samples.

5.5.2. Laboratory QA/QC

ATL analyzed samples in accordance with the requirements of their in-house QA/QC program (a copy of which will be provided to the Department upon request) and the requirements of contract 07A2211.

Jones Environmental analyzed soil vapor samples in accordance with the DTSC/RWQCB Guidance for Soil Gas Investigations.

6. ANALYTICAL RESULTS

6.1. Chemical Results for Soil Samples

Results of the chemical analyses of soil samples are summarized in Table 1, Table 2, and Table 3. Selected data are presented on Figures 3 and 5. Boring logs are included in Appendix B. A copy of the laboratory reports is included in Appendix C. Analytical results are also presented in the attached Access database file (Appendix E). Chemical results for the soil samples collected during the current assessment are summarized as follows:

- Concentrations of PCE were detected in sixteen soil samples with the highest detected concentration of 63 micrograms per kilogram ($\mu\text{g}/\text{kg}$) in soil sample 1001-112-2-S. A detected concentration of TCE in soil sample 1001-103-2-S of 5.4 $\mu\text{g}/\text{kg}$ was reported. The concentrations of PCE and TCE detected are below their respective EPA preliminary remediation goals for industrial properties (PRGi) (PCE – 2,700 $\mu\text{g}/\text{kg}$; TCE – 14,000 $\mu\text{g}/\text{kg}$).
- One soil sample exceeded 10 times the State of California Soluble Threshold Limit Concentration (STLC) for lead: 1001-112-2-S (100 milligrams per kilogram [mg/kg]). The sample was subsequently analyzed for soluble lead by California Waste Extraction Test (WET) and a detected concentration of 2.4 milligrams per liter (mg/l) was reported. Detected concentrations of other Title 22 Metals were below 10 times their respective STLCs.
- Hexavalent chromium was detected in four samples with the greatest concentration of 0.18 mg/kg in soil sample 1001-106-5-S. The concentrations of hexavalent chromium detected are below the PRGi of 200 mg/kg .
- Diesel range organics were detected in twenty-five samples with the greatest concentration of 970 mg/kg in soil sample 1001-111-2-S. Gasoline range organics were not detected. TPH $\text{C}_4\text{-C}_{12}$ was not detected. TPH $\text{C}_{13}\text{-C}_{22}$ was detected in nineteen samples with the greatest concentration of 300 mg/kg in soil sample 1001-111-2-S. TPH $\text{C}_{23}\text{-C}_{32}$ was detected in twenty-one samples with the greatest concentration of 1,300 mg/kg in soil sample 1001-111-2-S. TPH $>\text{C}_{32}$ was detected in twelve samples with the greatest concentration of 1,800 mg/kg in soil sample 1001-111-2-S. The maximum concentrations detected are less than the maximum soil screening level (SSL) (Diesel - 1000 mg/kg ; TPH $\text{C}_{13}\text{-C}_{22}$ – 1,000 mg/kg ; TPH $\text{C}_{23}\text{-C}_{32}$ – 10,000 mg/kg ; TPH $>\text{C}_{32}$ – 10,000 mg/kg) for the protection of groundwater published by the Los Angeles Regional Water Quality Control Board (LARWQCB).
- PCBs were detected in one sample with concentration of 28 $\mu\text{g}/\text{kg}$ of aroclor 1260 in sample 1001-104-2-S. The concentration is below the PRGi for this aroclor of 740 $\mu\text{g}/\text{kg}$.

- SVOC concentrations of phenol were detected in four soil samples. The highest concentration of 1,000 $\mu\text{g}/\text{kg}$ was detected in 1001-111-5. The detected concentrations were below the PRGi for phenol of 180,000,000 $\mu\text{g}/\text{kg}$.
- Concentrations of pH detected in soil samples ranged from 6.9 to 9.1.

6.2. Chemical Results for Soil Vapor Samples

Results of the chemical analyses of soil vapor samples are summarized in Table 4. Selected data are presented on Figures 3 and 4. A copy of the laboratory report is included in Appendix C. Results for the soil vapor samples are summarized as follows:

- The twenty soil vapor borings had detectable concentrations of PCE, TCE, freon 113, chloroform, toluene, 1,1,1-TCA, 1,1-DCE, 1,1,2-TCA, and TPHg.
- The greatest concentration of PCE was 52,400 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in 1001-103-15-SG. The CHHSL for PCE of 603 $\mu\text{g}/\text{m}^3$ was exceeded.
- The greatest concentration of TCE was 6,920 $\mu\text{g}/\text{m}^3$ in 1001-120-15-SG. The CHHSL for TCE of 1,770 $\mu\text{g}/\text{m}^3$ was exceeded.
- The greatest concentration of freon 113 was 195 $\mu\text{g}/\text{m}^3$ in 1001-120-40-SG. There is no listed CHHSL for freon 113.
- The greatest concentration of chloroform was 725 $\mu\text{g}/\text{m}^3$ in 1001-119-40-SG. There is no listed CHHSL for chloroform.
- The greatest concentration of toluene was 587 $\mu\text{g}/\text{m}^3$ in 1001-106-5-SG. The CHHSL for toluene of 378,000 $\mu\text{g}/\text{m}^3$ was not exceeded.
- The greatest concentration of 1,1,1-TCA was 1,460 $\mu\text{g}/\text{m}^3$ in 1001-116-25-SG. The CHHSL for 1,1,1-TCA of 2,790,000 $\mu\text{g}/\text{m}^3$ was not exceeded.
- The greatest concentration of 1,1-DCE was 1,530 $\mu\text{g}/\text{m}^3$ in 1001-116-25-SG. There is no listed CHHSL for 1,1-DCE.
- The greatest concentration of 1,1,2-TCA was 235 $\mu\text{g}/\text{m}^3$ in 1001-116-40-SG. There is no listed CHHSL for 1,1,2-TCA.
- The greatest concentration of TPHg was 242 $\mu\text{g}/\text{m}^3$ in 1001-116-15-SG. There is no listed CHHSL for TPHg.

6.3. Chemical Results for Blank Samples

Results of the chemical analyses of blank samples are summarized in Tables 5 through 7. A copy of the laboratory report is included in Appendix C. Barium, molybdenum, and zinc were detected at 0.0052, 0.022, and 0.018 milligrams per liter (mg/l), respectively, in blank sample ERB-1. These concentrations are below the soil detection limits and are unlikely to have contributed significantly to the soil sample results for that date of sampling (4/20/09). The pH of blank samples ERB-1 and QCEB was 6.5 and 5.8, respectively.

7. ESTIMATED VOLUME OF PETROLEUM IMPACTED SOIL

Based on the distribution of detected petroleum hydrocarbons in soil as shown in Figures 5a through 5d, the upper 2 feet and portions of the next 18 feet (down to approximately 20 feet bgs) will be classified as petroleum contaminated non-hazardous waste and should be recycled or disposed at a Class III disposal facility. The approximate volume of petroleum-impacted soil is estimated to be 16,500 cubic yards. However, confirmation testing should be conducted during earthwork activities.

8. CONCLUSIONS

Based on the results of the assessments conducted to date, the following conclusions have been made:

- Concentrations of VOCs, metals, PCBs, SVOCs, petroleum hydrocarbons, and pH were detected in the soil samples collected at the site at levels below the site specific clean up goals approved by the RWQCB. Chlorinated VOCs associated with off site sources or the Superfund Site were detected in low concentrations in some soil samples collected at the site. With the exception of one boring (1001-117), chlorinated VOCs were not detected in soil samples collected deeper than 5 feet bgs. In boring 1001-117, the deepest sample analyzed (40 feet bgs) did not contain detectable VOCs. As was discussed in the April 15, 2001, Hydro Geo Chem report, site soil does not appear to be a source of chlorinated VOC contamination because soil concentrations are low relative to other affected media such as soil vapor.
- PCE, TCE, freon 113, chloroform, toluene, 1,1,1-TCA, 1,1-DCE, 1,1,2-TCA, and TPH range were detected in soil vapor samples collected at the site. Concentrations of PCE and TCE exceeded CHHSLs. Concentrations of freon 113, chloroform, toluene, 1,1,1-TCA, 1,1-

DCE, 1,1,2-TCA, and TPHg did not exceed CHHSLs. Freon 113, toluene, and chloroform were not detected in soil samples, so their source is likely off site. An on-site source for TPHg and the five chlorinated solvents that were detected in soil vapor, PCE, TCE, 1,1,1-TCA, 1,1-DCE, and 1,1,2-TCA, was not identified. The soil vapor contamination appears most elevated along the northwestern edge of the site. Impacts to the site likely have an off-site source and off-gassing from contaminated groundwater beneath the site associated with the Superfund Site may be contributing to the VOCs in soil vapor. For these reasons there is a low likelihood that this site has contributed to contamination associated with the Superfund Site. It would appear that a rebound in soil vapor concentrations has occurred since the site was remediated as a portion of the 777 North Front Street property. However, these rebounded concentrations remain below the site clean up goals (Appendix G) approved by the RWQCB. Because the soil vapor PCE concentrations have increased from less than approximately 2,000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) following remediation in 2001 to as much as 52,400 $\mu\text{g}/\text{m}^3$ reported in this study, there is a possibility that VOC concentrations could continue to increase and possibly exceed site clean-up goals of 71,000 $\mu\text{g}/\text{m}^3$, additional remedial action may be required. Insufficient data regarding the location, nature, concentration, and mass of the likely off-site source of VOC and groundwater beneath the site does not allow the likelihood of such a possible outcome to be estimated.

- Concentrations of PCE in soil vapor ranged from less than the detection limit of 20 to 52,400 $\mu\text{g}/\text{m}^3$. Concentrations of PCE in soil ranged from less than the detection limit of 5.5 to 63 $\mu\text{g}/\text{kg}$. Concentrations of TPH C₄-C₁₂ in soil were less than the detection limit of 1.0 mg/kg. Concentrations of TPH C₁₃-C₂₂ in soil ranged from less than the detection limit of 10 to 300 mg/kg. Concentrations of TPH C₂₃-C₃₂ in soil ranged from less than the detection limit of 10 to 1,300 mg/kg. Concentrations of TPH >C₃₂ in soil ranged from less than the detection limit of 10 to 1,800 mg/kg. Soil with detectable concentrations of petroleum hydrocarbons, approximately 16,500 cubic yards of soil from the surface to 20 feet bgs, would be classified as petroleum contaminated non-hazardous waste if it were disturbed during construction activities (e.g., excavation, grading). No detectable concentrations of petroleum hydrocarbons were reported in the site soil from depths of 20 to 40 feet bgs, so soil generated during construction activities at depths greater than 20 feet bgs would be considered clear of hazardous waste. Excavated site soil from the upper 20 feet containing petroleum hydrocarbon detections can be treated, recycled, reused, or disposed at a Class III disposal facility after acceptance from the selected facility as petroleum contaminated non-hazardous waste, based on their criterion (Refer to Appendix F, Figures 3, 5a, 5b, 5c, and 5d for further details). The source of petroleum hydrocarbon contamination in site soil is likely from the past property operations which for the most part occurred off site, or from sources such as spills, releases, etc. located off site. A specific source of petroleum hydrocarbon contamination in site soil was not located on site.
- The estimated cost to excavate, transport, and dispose the approximately 16,500 cubic yards of petroleum contaminated non-hazardous soil expected to be generated and the estimated cost to perform vapor monitoring and suppression for the remaining earth moving activities is approximately \$1,300,000 to \$2,000,000. The cost tables are presented in Appendix F.

- Residential land use CHHSLs are generally considered adequate for sensitive uses such as day-care centers, hospitals and the like, some of which house sensitive receptors such as toddlers, the elderly or even immune-compromised patients on a full time basis. For this reason, the CHHSLs are relatively conservative compared to the TLVs and OSHA PELs, which were developed for healthy adults of working age and are based upon 8-hour exposures and 40 hour work weeks. Based on the TLVs and PELs the VOCs and TPHg concentrations detected in the soil vapor samples do not pose a risk to worker safety. Even so, it is recommended that the results of this SI be used in the development of a site-specific HSP for the proposed construction, because chemical exposure to site workers may still occur under certain conditions.

9. RECOMMENDATIONS

The following recommendations are based on the findings of this assessment.

- Prepare and implement a lead compliance plan due to the presence of lead in the soil.
- Prepare and implement a fugitive dust mitigation plan based on SCAQMD Rule 403.
- Apply for and implement a SCAQMD Site Specific Rule 1166 permit for VOC contaminated soil excavation exceeding 2,000 cubic yards in a two year period.
- Prepare and implement a HSP for the proposed construction. Although the chemicals detected in soil and soil vapor are present in concentrations below risk levels, preparation of a HSP is still recommended to address worker safety.
- Soil containing petroleum hydrocarbons that is disturbed during construction activities should be removed and disposed or recycled as petroleum contaminated non-hazardous waste. If the department has the ability to reuse petroleum contaminated soil on the site, this would be allowed based on the soil analytical results; the maximum TPH C₄-C₁₂ concentration was less than the detection limit of 10 mg/kg that is less than the screening level of 500 mg/kg, the maximum TPH C₁₃-C₂₂ concentration was 300 mg/kg that is less than the screening level of 1,000 mg/kg, and the maximum TPH C₂₃-C₃₂ concentration was 1,300 mg/kg that is less than the screening level of 10,000 mg/kg, as specified in the RWQCB Interim Site Assessment & Cleanup Guidebook. Additional options for soil disposal may present themselves based on possible regulatory agency review and approval. We have not relied on this possibility in considering disposal options because we do not know what potential reuse options might exist in order to evaluate possible regulatory agency. This is a waste-handling requirement only, classification of site soil as petroleum contaminated non-hazardous waste does not indicate the need for site remediation or health and safety requirements.
- Based on the results of the analytical data and the proposed future site use, additional environmental assessment is not warranted.

10. LIMITATIONS

The services outlined in this report have been conducted in a manner generally consistent with current regulatory guidelines. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Ninyo & Moore's opinions are based on an analysis of observed conditions and on information obtained from third parties. It is likely that variations in soil conditions may exist which were beyond the scope of work.

The samples collected and chemically analyzed and the observations made are believed to be representative of the general area evaluated; however, conditions can vary significantly between sampling locations. The interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and measure the concentration of certain chemical or physical constituents in samples collected from the site. The analyses have been conducted by an independent laboratory, which is accredited by the United States EPA and/or certified by the State of California to conduct such analyses. Ninyo & Moore has no involvement in, or control over, such analyses and has no means of confirming the accuracy of laboratory results. Ninyo & Moore, therefore, disclaims any responsibility for inaccuracy in such laboratory results.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document. Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

11. REFERENCES

- Hydro Geo Chem, 2001, Results of Site Remediation and Request for No Further Action, APW Facility, Burbank, California, dated April 5.
- Ninyo & Moore, 2009, Detailed Work Plan for a Parcel Acquisition Site Investigation, 777 North Front Street, I-5 Southbound, between Magnolia and Burbank Avenues, dated April 3.
- Professional Services Industries, 2003, Initial Site Assessment Report, Zero Manufacturing Company, Burbank, California, dated June 26.
- Regional Water Quality Control Board, 2002, Certificate of Completion, Zero Corporation, 777 Front Street, Burbank, California, dated June 30.
- United States Geological Survey (USGS), 7.5-Minute Series, Burbank, California, Topographic Quadrangle Map, dated 1964 and photorevised 1981.

TABLE 1 – SOIL SAMPLE ANALYTICAL TEST RESULTS - VOCs

Sample No.	Depth (feet)	Date Sampled	EPA Method 8260B		
			PCE (µg/kg)	TCE (µg/kg)	Other VOCs (µg/kg)
1001-101-2-S	2	4/20/2009	5.5	ND	ND
1001-101-5-S	5	4/20/2009	22	ND	ND
1001-101-10-S	10	4/20/2009	ND	ND	ND
1001-101-20-S	20	4/20/2009	ND	ND	ND
1001-102-2-S	2	4/20/2009	18	ND	ND
1001-102-5-S	5	4/20/2009	ND	ND	ND
1001-102-10-S	10	4/20/2009	ND	ND	ND
1001-102-20-S	20	4/20/2009	ND	ND	ND
1001-103-2-S	2	4/20/2009	40	5.4	ND
1001-103-5-S	5	4/20/2009	9.9	ND	ND
1001-103-10-S	10	4/20/2009	ND	ND	ND
1001-103-20-S	20	4/20/2009	ND	ND	ND
1001-104-2-S	2	4/20/2009	ND	ND	ND
1001-104-5-S	5	4/20/2009	11	ND	ND
1001-104-10-S	10	4/20/2009	ND	ND	ND
1001-104-20-S	20	4/20/2009	ND	ND	ND
1001-105-2-S	2	4/20/2009	ND	ND	ND
1001-105-5-S	5	4/20/2009	ND	ND	ND
1001-105-10-S	10	4/20/2009	ND	ND	ND
1001-105-20-S	20	4/20/2009	ND	ND	ND
1001-106-2-S	2	4/21/2009	ND	ND	ND
1001-106-5-S	5	4/21/2009	ND	ND	ND
1001-106-10-S	10	4/21/2009	ND	ND	ND
1001-106-20-S	20	4/21/2009	ND	ND	ND
1001-106-20D-S	20	4/21/2009	ND	ND	ND
1001-107-2-S	2	4/21/2009	ND	ND	ND
1001-107-5-S	5	4/21/2009	ND	ND	ND
1001-107-10-S	10	4/21/2009	ND	ND	ND
1001-107-20-S	20	4/21/2009	ND	ND	ND
1001-108-2-S	2	4/21/2009	ND	ND	ND
1001-108-5-S	5	4/21/2009	ND	ND	ND
1001-108-10-S	10	4/21/2009	ND	ND	ND
1001-108-10D-S	10	4/21/2009	ND	ND	ND
1001-108-20-S	20	4/21/2009	ND	ND	ND
1001-109-2-S	2	4/21/2009	6.4	ND	ND
1001-109-5-S	5	4/21/2009	ND	ND	ND
1001-109-10-S	10	4/21/2009	ND	ND	ND
1001-109-20-S	20	4/21/2009	ND	ND	ND
1001-110-2-S	2	4/21/2009	19	ND	ND
1001-110-5-S	5	4/21/2009	ND	ND	ND
1001-110-5D-S	5	4/21/2009	4.9	ND	ND
1001-110-10-S	10	4/21/2009	ND	ND	ND
1001-110-20-S	20	4/21/2009	ND	ND	ND
1001-111-2-S	2	4/20/2009	11	ND	ND
1001-111-2D-S	2	4/20/2009	15	ND	ND
1001-111-5-S	5	4/20/2009	ND	ND	ND
1001-111-10-S	10	4/20/2009	ND	ND	ND
1001-111-20-S	20	4/20/2009	ND	ND	ND
1001-111-20D-S	20	4/20/2009	ND	ND	ND
1001-112-2-S	2	4/20/2009	63	ND	ND
1001-112-5-S	5	4/20/2009	7.3	ND	ND
1001-112-10-S	10	4/20/2009	ND	ND	ND
1001-112-20-S	20	4/20/2009	ND	ND	ND
1001-113-25-S	25	4/22/2009	ND	ND	ND
1001-113-30-S	30	4/22/2009	ND	ND	ND
1001-113-35-S	35	4/22/2009	ND	ND	ND
1001-113-40-S	40	4/22/2009	ND	ND	ND
1001-114-25-S	25	4/23/2009	ND	ND	ND
1001-114-30-S	30	4/23/2009	ND	ND	ND
1001-114-35-S	35	4/23/2009	ND	ND	ND

TABLE 1 – SOIL SAMPLE ANALYTICAL TEST RESULTS - VOCs

Sample No.	Depth (feet)	Date Sampled	EPA Method 8260B		
			PCE (µg/kg)	TCE (µg/kg)	Other VOCs (µg/kg)
1001-114-35D-S	35	4/23/2009	ND	ND	ND
1001-114-40-S	40	4/23/2009	ND	ND	ND
1001-115-2-S	2	4/23/2009	ND	ND	ND
1001-115-5-S	5	4/23/2009	ND	ND	ND
1001-115-10-S	10	4/23/2009	ND	ND	ND
1001-115-20-S	20	4/23/2009	ND	ND	ND
1001-115-25-S	25	4/23/2009	ND	ND	ND
1001-115-30-S	30	4/23/2009	ND	ND	ND
1001-115-35-S	35	4/23/2009	ND	ND	ND
1001-115-40-S	40	4/23/2009	ND	ND	ND
1001-115-40D-S	40	4/23/2009	ND	ND	ND
1001-116-5-S	5	4/23/2009	ND	ND	ND
1001-116-10-S	10	4/23/2009	ND	ND	ND
1001-116-20-S	20	4/23/2009	ND	ND	ND
1001-116-25-S	25	4/23/2009	ND	ND	ND
1001-116-30-S	30	4/23/2009	ND	ND	ND
1001-116-35-S	35	4/23/2009	ND	ND	ND
1001-116-40-S	40	4/23/2009	ND	ND	ND
1001-117-25-S	25	4/22/2009	ND	ND	ND
1001-117-30-S	30	4/22/2009	ND	ND	ND
1001-117-30D-S	30	4/22/2009	ND	ND	ND
1001-117-35-S	35	4/22/2009	5.5	ND	ND
1001-117-40-S	40	4/22/2009	ND	ND	ND
1001-118-2-S	2	4/23/2009	19	ND	ND
1001-118-5-S	5	4/23/2009	ND	ND	ND
1001-118-10-S	10	4/23/2009	ND	ND	ND
1001-118-20-S	20	4/23/2009	ND	ND	ND
1001-118-25-S	25	4/23/2009	ND	ND	ND
1001-118-30-S	30	4/23/2009	ND	ND	ND
1001-118-35-S	35	4/23/2009	ND	ND	ND
1001-118-40-S	40	4/23/2009	ND	ND	ND
1001-118-40D-S	40	4/23/2009	ND	ND	ND
1001-119-2-S	2	4/23/2009	ND	ND	ND
1001-119-5-S	5	4/23/2009	ND	ND	ND
1001-119-10-S	10	4/23/2009	ND	ND	ND
1001-119-20-S	20	4/23/2009	ND	ND	ND
1001-119-25-S	25	4/23/2009	ND	ND	ND
1001-119-30-S	30	4/23/2009	ND	ND	ND
1001-119-35-S	35	4/23/2009	ND	ND	ND
1001-119-40-S	40	4/23/2009	ND	ND	ND
1001-120-5-S	5	4/23/2009	31	ND	ND
1001-120-10-S	10	4/23/2009	ND	ND	ND
1001-120-20-S	20	4/23/2009	ND	ND	ND
1001-120-25-S	25	4/23/2009	ND	ND	ND
1001-120-25D-S	25	4/23/2009	ND	ND	ND
1001-120-30-S	30	4/23/2009	ND	ND	ND
1001-120-35-S	35	4/23/2009	ND	ND	ND
1001-120-40-S	40	4/23/2009	ND	ND	ND
PRG-Industrial			2.700	14.000	NA
Notes:					
EPA – United States Environmental Protection Agency					
µg/kg – microgram per kilogram					
PCE – tetrachloroethene					
TCE – trichloroethene					
VOCs – Volatile Organic Compounds					
ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details					
NA – not applicable					
PRG-Industrial – EPA Region 9, Preliminary Remediation Goals for Industrial Properties					

TABLE 2 – SOIL SAMPLE ANALYTICAL TEST RESULTS – TPH, PCBs, SVOCs, and pH

Sample No.	Depth (feet)	Date Sampled	EPA 8015B(M) (mg/kg)						EPA 3550B/8082 (µg/kg)	EPA 3550B/8270C (µg/kg)	EPA 9045C
			GRO	DRO	TPH C4-C12	TPH C13-C22	TPH C23-C32	TPH >C32	PCBs	SVOCs	pH
1001-101-2-S	2	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	6.9
1001-101-5-S	5	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.0
1001-101-10-S	10	4/20/2009	ND	11	ND	ND	ND	ND	ND	ND	7.8
1001-101-20-S	20	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.3
1001-102-2-S	2	4/20/2009	ND	14	ND	ND	ND	ND	ND	ND	8.4
1001-102-5-S	5	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.4
1001-102-10-S	10	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.8
1001-102-20-S	20	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.8
1001-103-2-S	2	4/20/2009	ND	45	ND	21	29	15	ND	ND	7.5
1001-103-5-S	5	4/20/2009	ND	42	ND	22	23	ND	ND	ND	7.3
1001-103-10-S	10	4/20/2009	ND	37	ND	21	22	ND	ND	ND	7.8
1001-103-20-S	20	4/20/2009	ND	32	ND	14	12	ND	ND	ND	7.8
1001-104-2-S	2	4/20/2009	ND	37	ND	20	21	ND	Aroclor 1260 28	ND	7.6
1001-104-5-S	5	4/20/2009	ND	27	ND	16	12	ND	ND	ND	7.6
1001-104-10-S	10	4/20/2009	ND	45	ND	25	22	ND	ND	ND	7.6
1001-104-20-S	20	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.8
1001-105-2-S	2	4/20/2009	ND	73	ND	27	100	130	ND	ND	7.9
1001-105-5-S	5	4/20/2009	ND	42	ND	23	24	ND	ND	ND	7.0
1001-105-10-S	10	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.7
1001-105-20-S	20	4/20/2009	ND	63	ND	33	40	16	ND	ND	7.7
1001-106-2-S	2	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.8
1001-106-5-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.1
1001-106-10-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.1
1001-106-20-S	20	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.8
1001-106-20D-S	20	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.3
1001-107-2-S	2	4/21/2009	ND	12	ND	ND	ND	ND	ND	ND	9.1
1001-107-5-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-107-10-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.3
1001-107-20-S	20	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-108-2-S	2	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-108-5-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-108-10-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-108-10D-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-108-20-S	20	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-109-2-S	2	4/21/2009	ND	89	ND	27	170	350	ND	ND	8.1
1001-109-5-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.9
1001-109-10-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.4
1001-109-20-S	20	4/21/2009	ND	16	ND	ND	15	45	ND	ND	7.9
1001-110-2-S	2	4/21/2009	ND	17	ND	ND	12	22	ND	Phenol 400	8.6
1001-110-5-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.7
1001-110-5D-S	5	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.6
1001-110-10-S	10	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.4
1001-110-20-S	20	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	8.2
1001-111-2-S	2	4/20/2009	ND	970	ND	300	1,300	1,800	ND	ND	7.9
1001-111-2D-S	2	4/20/2009	ND	200	ND	71	260	490	ND	ND	7.7
1001-111-5-S	5	4/20/2009	ND	48	ND	25	28	13	ND	Phenol 1,000	7.7
1001-111-10-S	10	4/20/2009	ND	59	ND	31	33	16	ND	Phenol 540	8.2
1001-111-20-S	20	4/20/2009	ND	58	ND	32	37	16	ND	Phenol 680	8.0
1001-111-20D-S	20	4/20/2009	ND	44	ND	23	24	14	ND	ND	8.0
1001-112-2-S	2	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	7.9
1001-112-5-S	5	4/20/2009	ND	11	ND	ND	ND	ND	ND	ND	7.7
1001-112-10-S	10	4/20/2009	ND	42	ND	22	23	ND	ND	ND	8.3
1001-112-20-S	20	4/20/2009	ND	37	ND	19	20	ND	ND	ND	7.8
1001-113-30-S	30	4/22/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-113-40-S	40	4/22/2009	ND	ND	ND	ND	ND	ND	--	--	--

TABLE 2 – SOIL SAMPLE ANALYTICAL TEST RESULTS – TPH, PCBs, SVOCs, and pH

Sample No.	Depth (feet)	Date Sampled	EPA 8015B(M) (mg/kg)						EPA 3550B/8082 (µg/kg)	EPA 3550B/8270C (µg/kg)	EPA 9045C
			GRO	DRO	TPH C4-C12	TPH C13-C22	TPH C23-C32	TPH >C32	PCBs	SVOCs	pH
1001-114-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-114-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-115-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-115-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-115-40D-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-116-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-116-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-117-30-S	30	4/22/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-117-30D-S	30	4/22/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-117-40-S	40	4/22/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-118-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-118-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-118-40D-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-119-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-119-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-120-30-S	30	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
1001-120-40-S	40	4/23/2009	ND	ND	ND	ND	ND	ND	--	--	--
Maximum SSLs			500	1,000	500	1,000	10,000	10,000	NL	NL	NL
PRG - Industrial			NL	NL	NL	NL	NL	NL	740	180,000,000	NL
Notes:											
EPA – United States Environmental Protection Agency											
mg/kg – milligrams per kilogram											
µg/kg – micrograms per kilogram											
GRO – gasoline range organics											
DRO – diesel range organics											
TPH – total petroleum hydrocarbons											
PCBs – polychlorinated biphenyls											
SVOCs – semi- volatile organic compounds											
ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details											
-- -- Not analyzed											
PRG-Industrial – EPA Region 9, Preliminary Remediation Goals for Industrial Properties											
NL – Not Listed											
SSLs – Soil Screening Levels published by the California Regional Water Quality Control Board, Los Angeles Region											

TABLE 3 – SOIL SAMPLE ANALYTICAL TEST RESULTS – TITLE 22 METALS

Sample No.	Depth (feet)	Date Sampled	Metals (mg/kg)																		
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium*	Cobalt	Copper	Lead	Lead STLC (mg/l)	Mercury**	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
1001-101-2-S	2	4/20/2009	ND	ND	140	ND	ND	21	ND	9.4	24	ND	--	ND	ND	17	ND	ND	ND	51	49
1001-101-5-S	5	4/20/2009	ND	ND	140	ND	ND	20	ND	8.1	22	ND	--	ND	ND	14	ND	ND	ND	49	49
1001-101-10-S	10	4/20/2009	ND	ND	97	ND	ND	14	ND	5.8	13	ND	--	ND	ND	9.7	ND	ND	ND	38	35
1001-101-20-S	20	4/20/2009	ND	ND	62	ND	ND	8.5	ND	3.8	8.8	ND	--	ND	ND	6.0	ND	ND	ND	24	22
1001-102-2-S	2	4/20/2009	ND	ND	170	ND	ND	24	ND	11	27	ND	--	ND	ND	19	ND	ND	ND	57	85
1001-102-5-S	5	4/20/2009	ND	ND	110	ND	ND	16	ND	6.6	17	ND	--	ND	ND	12	ND	ND	ND	42	36
1001-102-10-S	10	4/20/2009	ND	ND	120	ND	ND	17	ND	5.9	13	ND	--	ND	1.6	9.6	ND	ND	ND	41	35
1001-102-20-S	20	4/20/2009	ND	1.1	170	ND	ND	23	ND	11	28	ND	--	ND	ND	18	ND	ND	ND	57	55
1001-103-2-S	2	4/20/2009	ND	ND	160	ND	ND	21	ND	8.8	31	26	--	ND	ND	16	ND	ND	ND	52	250
1001-103-5-S	5	4/20/2009	ND	ND	110	ND	ND	17	ND	7.0	16	ND	--	ND	ND	12	ND	ND	ND	44	42
1001-103-10-S	10	4/20/2009	ND	ND	110	ND	ND	18	ND	7.0	18	ND	--	ND	ND	13	ND	ND	ND	44	39
1001-103-20-S	20	4/20/2009	ND	ND	140	ND	ND	21	ND	9.0	23	ND	--	ND	ND	15	ND	ND	ND	52	48
1001-104-2-S	2	4/20/2009	ND	ND	180	ND	2.0	24	ND	8.5	35	42	--	ND	ND	16	ND	ND	ND	49	260
1001-104-5-S	5	4/20/2009	ND	ND	130	ND	ND	19	ND	7.3	18	ND	--	ND	ND	14	ND	ND	ND	47	42
1001-104-10-S	10	4/20/2009	ND	ND	110	ND	ND	21	ND	6.5	16	ND	--	ND	2.3	11	ND	ND	ND	41	36
1001-104-20-S	20	4/20/2009	ND	ND	140	ND	ND	19	ND	8.3	21	ND	--	ND	ND	14	ND	ND	ND	47	47
1001-105-2-S	2	4/20/2009	ND	ND	180	ND	ND	25	ND	10	29	4.1	--	ND	ND	19	ND	ND	ND	57	96
1001-105-5-S	5	4/20/2009	ND	ND	150	ND	ND	23	ND	9.2	25	ND	--	ND	ND	17	ND	ND	ND	52	52
1001-105-10-S	10	4/20/2009	ND	ND	85	ND	ND	25	ND	4.6	10	ND	--	ND	7.7	7.1	ND	ND	ND	30	31
1001-105-20-S	20	4/20/2009	ND	ND	64	ND	ND	9.5	ND	4.3	10	ND	--	ND	ND	6.6	ND	ND	ND	27	23
1001-106-2-S	2	4/21/2009	ND	ND	170	ND	ND	29	ND	10	27	ND	--	ND	ND	18	ND	ND	ND	66	57
1001-106-5-S	5	4/21/2009	ND	ND	190	ND	ND	28	0.18	11	27	ND	--	ND	ND	20	ND	ND	ND	61	59
1001-106-10-S	10	4/21/2009	ND	ND	170	ND	ND	23	ND	10	26	ND	--	ND	ND	18	ND	ND	ND	56	55
1001-106-20-S	20	4/21/2009	ND	ND	180	ND	ND	25	ND	9.9	30	ND	--	ND	ND	17	ND	ND	ND	67	58
1001-106-20D-S	20	4/21/2009	ND	ND	160	ND	ND	22	ND	8.9	24	ND	--	ND	ND	15	ND	ND	ND	58	53
1001-107-2-S	2	4/21/2009	ND	ND	200	ND	ND	54	0.12	14	30	ND	--	ND	13	22	ND	ND	ND	64	62
1001-107-5-S	5	4/21/2009	ND	ND	220	ND	ND	35	0.10	13	33	ND	--	ND	ND	25	ND	ND	ND	75	71
1001-107-10-S	10	4/21/2009	ND	ND	160	ND	ND	22	ND	9.0	25	ND	--	ND	ND	17	ND	ND	ND	53	51
1001-107-20-S	20	4/21/2009	ND	ND	140	ND	ND	19	0.14	8.3	21	ND	--	ND	ND	13	ND	ND	ND	52	48
1001-108-2-S	2	4/21/2009	ND	ND	210	ND	ND	26	ND	11	29	1.3	--	ND	ND	19	ND	ND	ND	59	62
1001-108-5-S	5	4/21/2009	ND	ND	130	ND	ND	21	ND	8.3	18	ND	--	ND	ND	15	ND	ND	ND	50	44
1001-108-10-S	10	4/21/2009	ND	1.0	220	ND	ND	27	ND	12	31	ND	--	ND	ND	21	ND	ND	ND	65	64
1001-108-10D-S	10	4/21/2009	ND	ND	230	ND	ND	30	ND	13	37	ND	--	ND	ND	23	ND	ND	ND	73	72
1001-108-20-S	20	4/21/2009	ND	ND	150	ND	ND	18	ND	8.8	24	ND	--	ND	ND	13	ND	ND	ND	58	46
1001-109-2-S	2	4/21/2009	ND	20	150	ND	ND	19	ND	8.2	20	ND	--	ND	ND	14	ND	ND	ND	46	49
1001-109-5-S	5	4/21/2009	ND	ND	180	ND	ND	25	ND	10	28	ND	--	ND	ND	19	ND	ND	ND	59	59
1001-109-10-S	10	4/21/2009	ND	ND	81	ND	ND	13	ND	5.0	11	ND	--	ND	ND	9.3	ND	ND	ND	35	28
1001-109-20-S	20	4/21/2009	ND	ND	100	ND	ND	15	ND	5.9	16	ND	--	ND	ND	10	ND	ND	ND	36	34
1001-110-2-S	2	4/21/2009	ND	ND	130	ND	ND	18	ND	7.0	18	2.4	--	ND	ND	13	ND	ND	ND	43	77
1001-110-5-S	5	4/21/2009	ND	ND	200	ND	ND	26	ND	11	30	ND	--	ND	ND	20	ND	ND	ND	62	64
1001-110-5D-S	5	4/21/2009	ND	ND	180	ND	ND	24	ND	11	26	ND	--	ND	ND	18	ND	ND	ND	55	56
1001-110-10-S	10	4/21/2009	ND	ND	120	ND	ND	17	ND	7.4	17	ND	--	ND	ND	13	ND	ND	ND	43	41
1001-110-20-S	20	4/21/2009	ND	ND	75	ND	ND	9.7	ND	4.3	12	ND	--	ND	ND	7.0	ND	ND	ND	28	24
1001-111-2-S	2	4/20/2009	ND	ND	140	ND	ND	20	ND	7.6	25	20	--	ND	ND	14	ND	ND	ND	45	93
1001-111-2D-S	2	4/20/2009	ND	ND	150	ND	ND	21	ND	8.9	25	8.5	--	0.51	1.1	17	ND	ND	ND	53	72
1001-111-5-S	5	4/20/2009	ND	ND	200	ND	ND	25	ND	11	30	ND	--	ND	ND	19	ND	ND	ND	61	63
1001-111-10-S	10	4/20/2009	ND	ND	75	ND	ND	13	ND	5.1	11	ND	--	ND	ND	8.3	ND	ND	ND	34	27
1001-111-20-S	20	4/20/2009	ND	ND	120	ND	ND	21	ND	7.7	21	ND	--	ND	1.9	12	ND	ND	ND	45	40
1001-111-20D-S	20	4/20/2009	ND	ND	120	ND	ND	16	ND	7.3	23	ND	--	ND	ND	11	ND	ND	ND	47	40
1001-112-2-S	2	4/20/2009	ND	ND	170	ND	1.6	22	ND	8.4	48	100	2.4	ND	ND	17	ND	ND	ND	49	2,100
1001-112-5-S	5	4/20/2009	ND	ND	120	ND	ND	16	ND	6.7	16	ND	--	ND	ND	12	ND	ND	ND	43	38
1001-112-10-S	10	4/20/2009	ND	ND	79	ND	ND	8.5	ND	3.8	11	ND	--	ND	ND	5.8	ND	ND	ND	25	28
1001-112-20-S	20	4/20/2009	ND	ND	150	ND	ND	21	ND	8.6	24	ND	--	ND	ND	15	ND	ND	ND	51	49
TTLC (mg/kg)			500	500	10,000	75	100	2,500	NL	8,000	2,500	1,000	NL	20	3,500	2,000	100	500	700	2,400	5,000
10 x STLC (mg/l)			150	50	1,000	7.5	10	50	NL	800	250	50	5	2.0	3,500	200	10	50	70	240	2,500
PRG - Industrial			NL	NL	NL	NL	NL	200	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

Notes:
mg/kg – milligrams per kilogram
mg/l – milligrams per liter
EPA – United States Environmental Protection Agency
Samples were analyzed using EPA Test Method 6010B.
* Hexavalent chromium was analyzed using EPA Test Method 7196A.
**Mercury was analyzed using EPA test method 7471A.
ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details
-- Not Analyzed
NL – Not Listed
TTLC – State of California Total Threshold Limit Concentration
STLC – State of California Soluble Threshold Limit Concentration
PRG-Industrial – EPA Region 9, Preliminary Remediation Goals for Industrial Properties

TABLE 4 – SOIL VAPOR SAMPLE ANALYTICAL TEST RESULTS

Sample No.	Depth (feet)	Date Sampled	PCE	TCE	Freon 113	Chloroform	Toluene	1,1,1-trichloroethane	1,1-dichloroethene	1,1,2-trichloroethane	All Other VOCs	TPHg
			(µg/m ³)									
1001-101-5-SG 1P	5	4/21/2009	15,900	ND	ND	ND	41	ND	ND	ND	ND	ND
1001-101-5-SG 3P	5	4/21/2009	16,100	ND	ND	ND	27	104	ND	235	ND	ND
1001-101-5-SG 7P*	5	4/21/2009	16,200	ND	ND	ND	23	ND	ND	ND	ND	ND
1001-101-15-SG	15	4/21/2009	36,500	ND	ND	ND	42	ND	ND	ND	ND	ND
1001-102-5-SG	5	4/21/2009	4,820	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-102-15-SG	15	4/21/2009	4,370	ND	ND	ND	325	ND	ND	ND	ND	ND
1001-103-5-SG	5	4/21/2009	32,700	338	ND	ND	235	ND	ND	ND	ND	ND
1001-103-15-SG	15	4/21/2009	52,400**	130	ND	ND	45	ND	ND	ND	ND	ND
1001-104-5-SG	5	4/21/2009	4,590	52	ND	ND	ND	ND	ND	ND	ND	ND
1001-104-5-SG (DUP)	5	4/21/2009	4,190	50	ND	ND	ND	ND	ND	ND	ND	ND
1001-104-15-SG	15	4/21/2009	10,800	60	ND	ND	ND	ND	ND	ND	ND	ND
1001-105-5-SG	5	4/21/2009	783	ND	ND	ND	25	ND	ND	ND	ND	ND
1001-105-15-SG	15	4/21/2009	1,760	ND	ND	ND	65	ND	ND	ND	ND	ND
1001-106-5-SG	5	4/22/2009	270	ND	ND	ND	587	ND	ND	ND	ND	ND
1001-106-15-SG	15	4/22/2009	361	ND	ND	ND	197	ND	78	ND	ND	ND
1001-107-5-SG	5	4/22/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-107-15-SG	15	4/22/2009	208	ND	45	ND	395	ND	114	ND	ND	ND
1001-108-5-SG	5	4/22/2009	283	ND	ND	ND	149	ND	ND	ND	ND	ND
1001-108-15-SG	15	4/22/2009	141	ND	ND	ND	393	ND	ND	ND	ND	ND
1001-109-5-SG	5	4/22/2009	1,340	ND	ND	ND	147	ND	ND	ND	ND	ND
1001-109-15-SG	15	4/22/2009	1,570	ND	ND	ND	386	ND	ND	ND	ND	ND
1001-110-5-SG	5	4/22/2009	5,070	ND	ND	ND	52	ND	ND	ND	ND	ND
1001-110-5-SG (DUP)	5	4/22/2009	4,970	ND	ND	ND	57	ND	ND	ND	ND	ND
1001-110-15-SG	15	4/22/2009	3,470	ND	ND	ND	374	ND	ND	ND	ND	ND
1001-111-5-SG	5	4/21/2009	2,730	ND	ND	ND	334	ND	ND	ND	ND	ND
1001-111-15-SG	15	4/21/2009	3,380	ND	ND	ND	529	ND	ND	ND	ND	ND
1001-112-5-SG	5	4/21/2009	869	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-112-15-SG	15	4/21/2009	28,200	ND	ND	ND	64	ND	ND	ND	ND	ND
1001-113-25-SG	25	4/22/2009	490	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-113-40-SG	40	4/22/2009	4,970	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-114-25-SG	25	4/23/2009	268	ND	ND	ND	99	ND	ND	ND	ND	ND
1001-114-40-SG	40	4/23/2009	193	ND	ND	ND	157	ND	ND	ND	ND	ND
1001-115-5-SG	5	4/23/2009	345	ND	ND	ND	156	ND	ND	ND	ND	ND
1001-115-15-SG	15	4/23/2009	694	117	ND	75	80	ND	ND	ND	ND	ND
1001-115-25-SG	25	4/23/2009	599	169	ND	243	119	ND	ND	ND	ND	ND
1001-115-25-SG (DUP)	25	4/23/2009	772	234	ND	311	112	ND	ND	ND	ND	ND
1001-115-40-SG	40	4/23/2009	173	41	ND	186	98	ND	ND	ND	ND	ND
1001-116-5-SG	5	4/23/2009	ND	ND	ND	ND	231	581	ND	ND	ND	ND
1001-116-15-SG	15	4/23/2009	ND	ND	ND	ND	242	1,040	296	ND	ND	242
1001-116-25-SG	25	4/23/2009	90	ND	34	ND	155	1,460	685	ND	ND	ND
1001-116-40-SG	40	4/23/2009	241	42	58	ND	203	1,090	1,530	ND	ND	203
1001-117-25-SG	25	4/22/2009	37,800	ND	ND	ND	30	ND	ND	ND	ND	ND
1001-117-40-SG	40	4/22/2009	46,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-118-5-SG	5	4/23/2009	1,230	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-118-15-SG	15	4/23/2009	560	ND	ND	ND	107	ND	ND	ND	ND	ND
1001-118-25-SG	25	4/23/2009	4,910	ND	ND	ND	ND	ND	ND	ND	ND	ND
1001-118-40-SG	40	4/23/2009	27,100	22	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4 – SOIL VAPOR SAMPLE ANALYTICAL TEST RESULTS

Sample No.	Depth (feet)	Date Sampled	PCE	TCE	Freon 113	Chloroform	Toluene	1,1,1-trichloroethane	1,1-dichloroethene	1,1,2-trichloroethane	All Other VOCs	TPHg
			(µg/m ³)									
1001-119-5-SG	5	4/24/2009	2,000	795	ND	ND	ND	ND	ND	ND	ND	ND
1001-119-15-SG	15	4/24/2009	3,050	ND	52	124	103	ND	ND	ND	ND	ND
1001-119-25-SG	25	4/24/2009	5,270	5,710	ND	398	100	ND	ND	ND	ND	ND
1001-119-40-SG	40	4/24/2009	7,750	6,920	96	725	ND	ND	ND	ND	ND	ND
1001-120-5-SG	5	4/24/2009	10,000	22	ND	ND	335	ND	ND	ND	ND	ND
1001-120-5-SG (DUP)	5	4/24/2009	9,790	ND	ND	ND	320	ND	ND	ND	ND	ND
1001-120-15-SG	15	4/24/2009	6,760	158	118	ND	209	ND	ND	ND	ND	ND
1001-120-25-SG	25	4/24/2009	9,020	589	165	ND	190	ND	109	ND	ND	ND
1001-120-40-SG	40	4/24/2009	3,150	198	195	ND	329	ND	171	ND	ND	ND
Screening Levels												
CHHSLs (Industrial Land Use in µg/m³)			603	1,770	NL	NL	378,000	2,790,000	NL	NL	NL	NL
Notes:												
ID – Identification												
PCE – tetrachloroethylene												
TCE – trichloroethylene												
VOCs – volatile organic compounds												
TPHg – total petroleum hydrocarbons gasoline range												
µg/m ³ – micrograms per cubic meter												
ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details												
NL – none listed												
CHHSLs – California Human Health Screening Levels established by the California Environmental Protection Agency in January 2005												
* Seven purge volumes were used for this site because this purging level gave the highest results for the compound(s) of greatest interest.												
** Sample diluted 4 times for this analyte.												

TABLE 5 – BLANK ANALYTICAL TEST RESULTS - VOCs

Sample No.	Date Sampled	US EPA Method 8260B		
		PCE (µg/l)	TCE (µg/l)	Other VOCs (µg/l)
ERB-1	4/20/2009	ND	ND	ND
Trip Blank	4/20/2009	ND	ND	ND
QCEB	4/21/2009	ND	ND	ND
QC EB-2	4/22/2009	ND	ND	ND
Trip Blank	4/22/2009	ND	ND	ND
QCEB-3	4/23/2009	ND	ND	ND
Trip Blank	4/23/2009	ND	ND	ND

Notes:
 EPA – United States Environmental Protection Agency
 µg/l – microgram per liter
 PCE – tetrachloroethene
 TCE – trichloroethene
 VOCs – volatile organic compounds
 ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details
 EB – equipment blank

**TABLE 6 – BLANK SAMPLE ANALYTICAL TEST RESULTS –
 TPH, PCBs, SVOCs, and pH**

Sample No.	Date Sampled	EPA 8015B(M) (mg/l)						EPA 3550B/8082 (µg/l)	EPA 3550B/8270C (µg/l)	EPA 9045C
		GRO	DRO	TPH C4-C12	TPH C13-C22	TPH C23-C32	TPH >C32	PCBs	SVOCs	pH
ERB-1	4/20/2009	ND	ND	ND	ND	ND	ND	ND	ND	6.5
QCEB	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	5.8

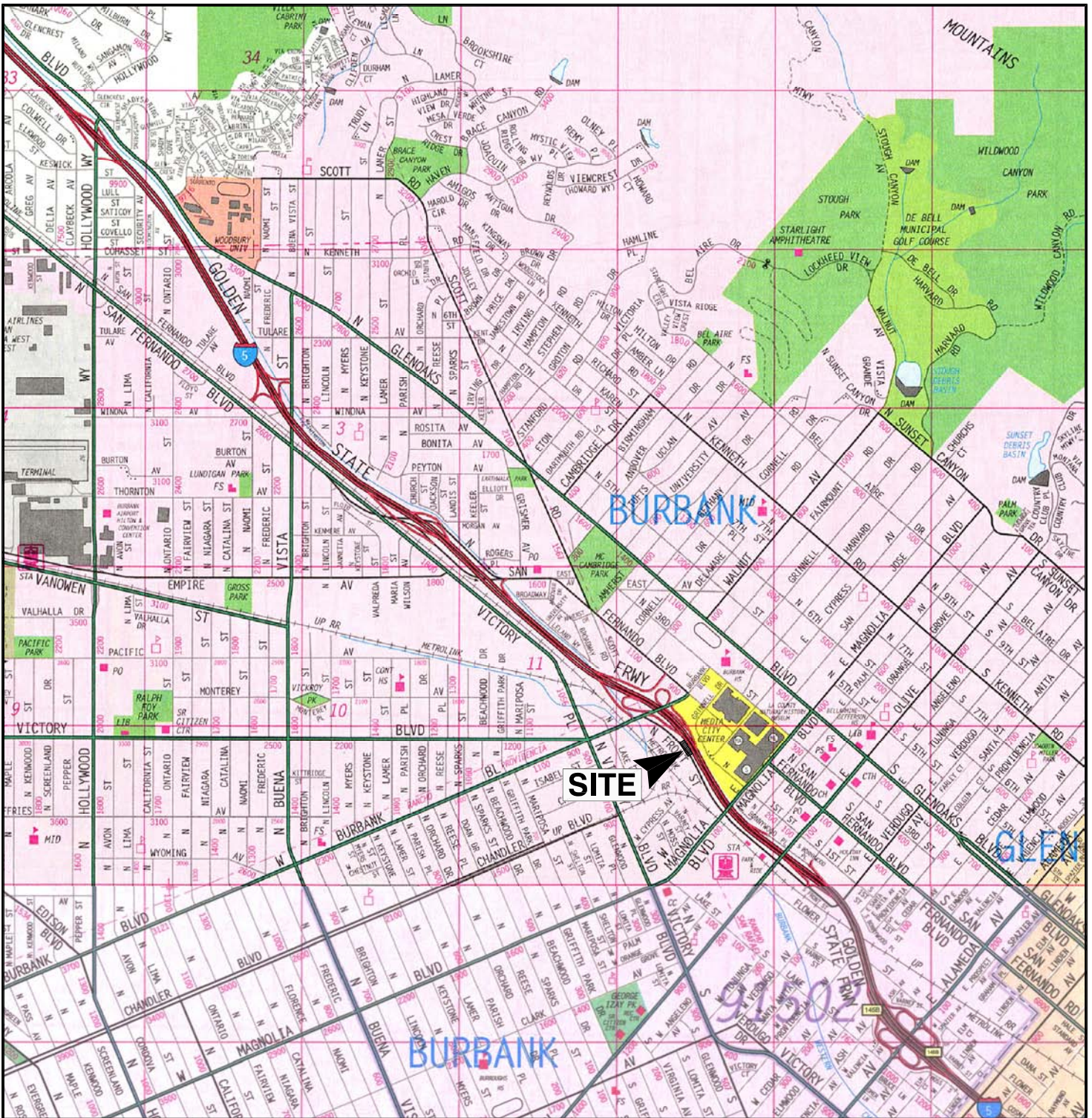
Notes:

EPA – United States Environmental Protection Agency
 mg/l – milligrams per liter
 µg/l – micrograms per liter
 GRO – gasoline range organics
 DRO – diesel range organics
 TPH – total petroleum hydrocarbons
 PCBs – polychlorinated biphenyls
 SVOCs – semi-volatile organic compounds
 ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details

TABLE 7 -- BLANK SAMPLE ANALYTICAL TEST RESULTS -- TITLE 22 METALS

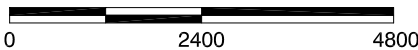
Sample	Sample Date	Metals (mg/l)																	
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium*	Cobalt	Copper	Lead	Mercury**	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
ERB-1	4/20/2009	ND	ND	0.0052	ND	ND	ND	ND	ND	ND	ND	ND	0.022	ND	ND	ND	ND	ND	0.018
QCEB	4/21/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
 mg/l – milligrams per liter
 EPA – United States Environmental Protection Agency
 Samples were analyzed using EPA Test Method 6010B.
 * Hexavalent chromium was analyzed using EPA Test Method 7196A.
 **Mercury was analyzed using EPA test method 7471A.
 ND – not detected above the Practical Quantitation Limit - see laboratory reports for additional details



REFERENCE: 2007 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.
Map © Rand McNally, R.L.07-S-129



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SITE LOCATION MAP

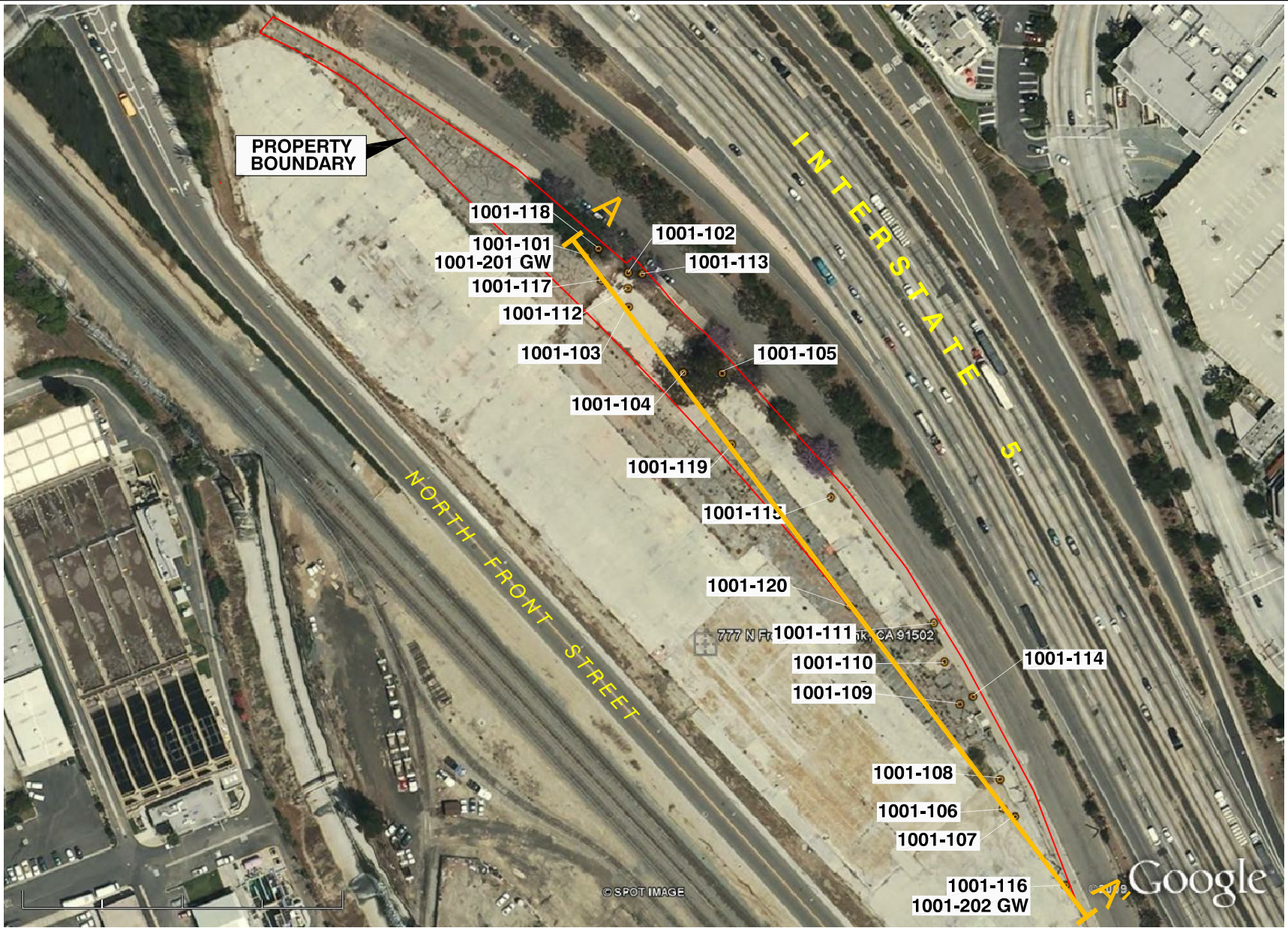
FIGURE

PROJECT NO.	DATE
207126015	6/09

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

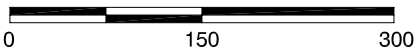
1

207126-A8.DWG



CROSS SECTION
 BORING LOCATION
 SITE VICINITY GROUNDWATER FLOW DIRECTION

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

BORING LOCATION MAP

FIGURE

PROJECT NO.

DATE

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

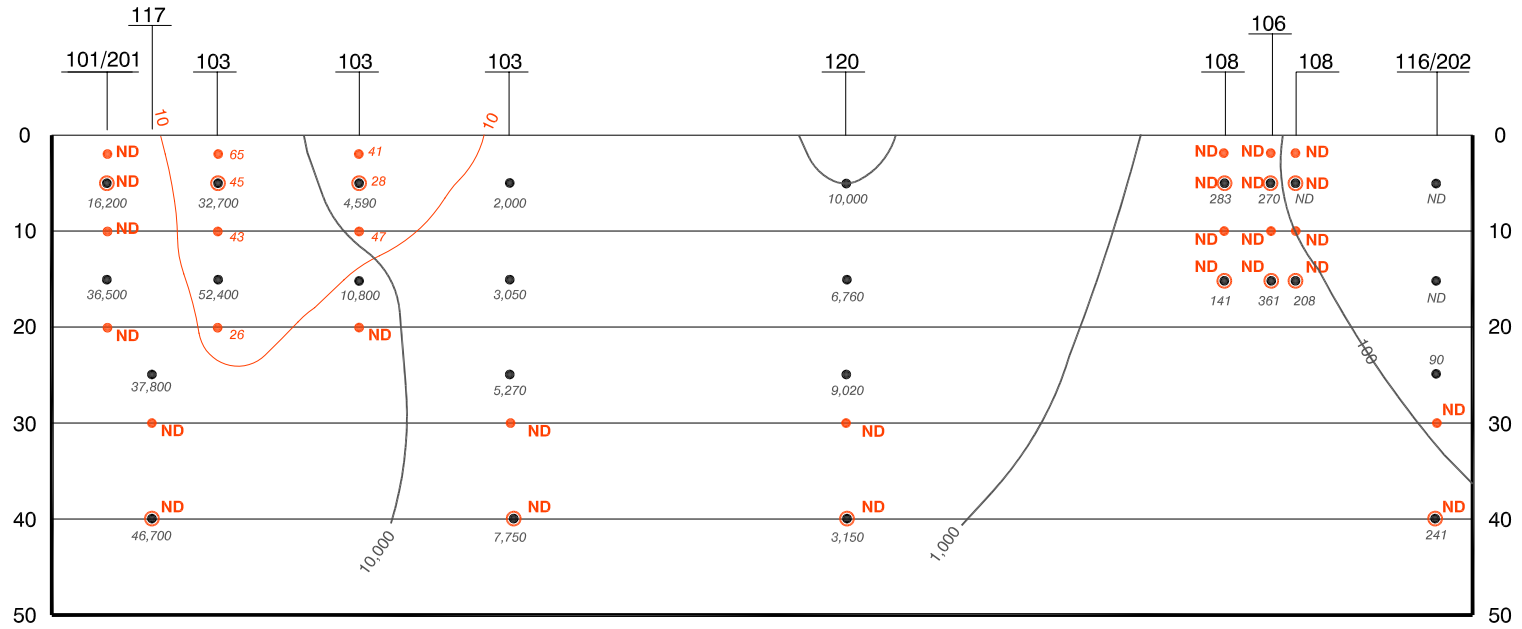
2

207126015

6/09

A

A'



LEGEND	
ND	NON DETECT
● 32,700	SOIL VAPOR SAMPLING POINT AND TETRACHLOROETHYLENE (PCE) CONCENTRATION IN MICROGRAMS PER CUBIC METER ($\mu\text{g}/\text{m}^3$)
—1,000—	APPROXIMATE PCE ISOCONCENTRATION CONTOUR
●	SOIL SAMPLING POINT AND TOTAL PETROLEUM HYDROCARBON (TPH) CHAIN CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
—10—	APPROXIMATE TPH ISOCONCENTRATION CONTOUR
● 16,200	SOIL AND SOIL GAS SAMPLE LOCATION

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		CROSS SECTION A-A'	777 NORTH FRONT STREET BURBANK, CALIFORNIA	FIGURE 3
PROJECT NO. 207126015	DATE 6/09			

207126-A15.DWG



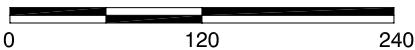
BORING LOCATION

10,000 µg/m³

1,000 µg/m³

100 µg/m³

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

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**PCE CONCENTRATIONS IN SOIL VAPOR
at 5 FEET**

FIGURE

PROJECT NO.

DATE

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

4a

207126015

6/09

207126-A10.DWG



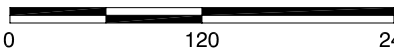
BORING LOCATION

10,000 µg/m³

1,000 µg/m³

100 µg/m³

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

**PCE CONCENTRATIONS IN SOIL VAPOR
at 15 FEET**

FIGURE

PROJECT NO.

DATE

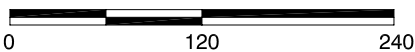
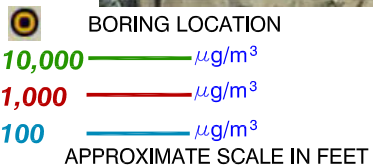
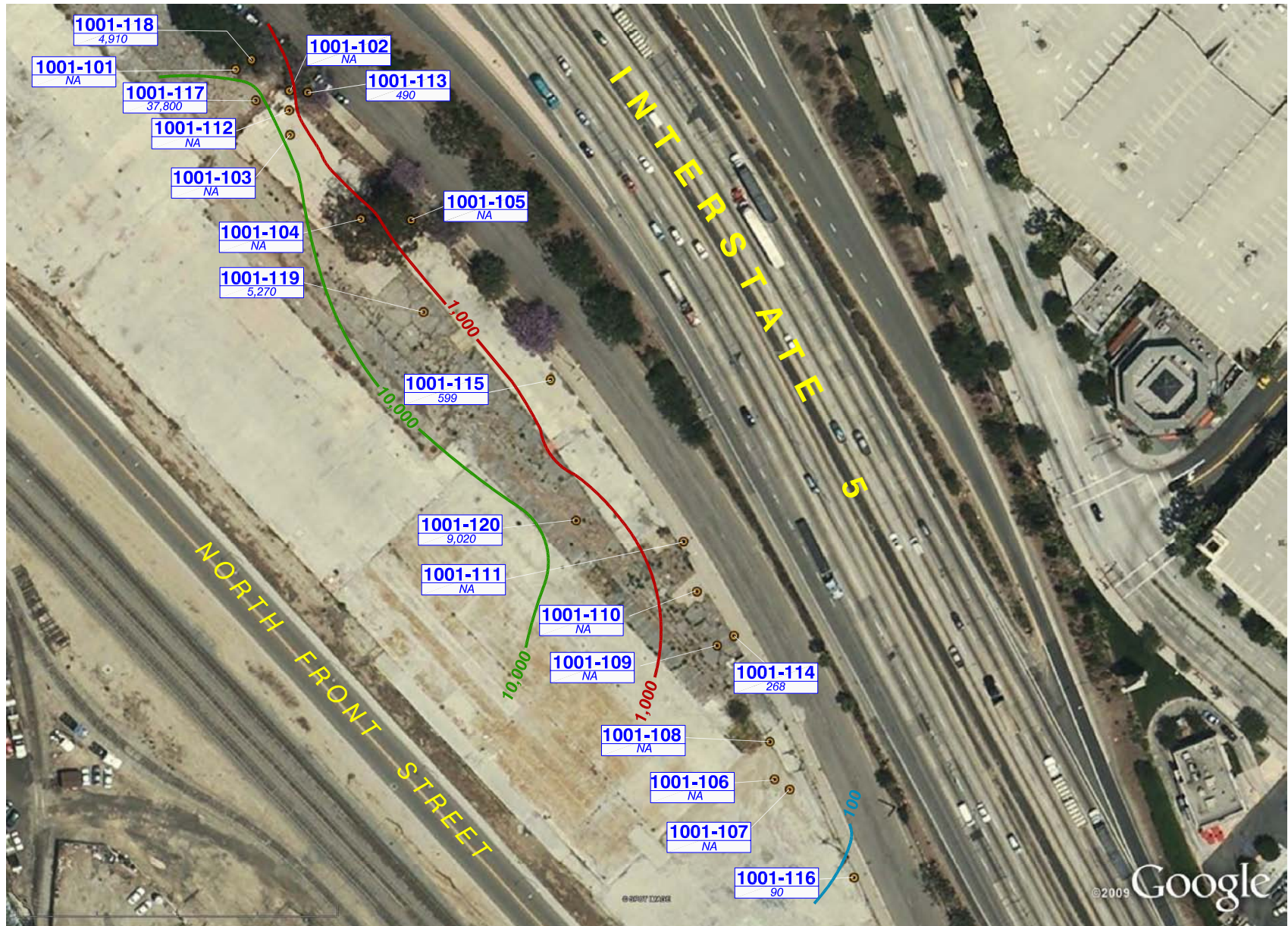
777 NORTH FRONT STREET
BURBANK, CALIFORNIA

207126015

6/09

4b

207126-A11.DWG



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

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**PCE CONCENTRATIONS IN SOIL VAPOR
at 25 FEET**

FIGURE

PROJECT NO.

DATE

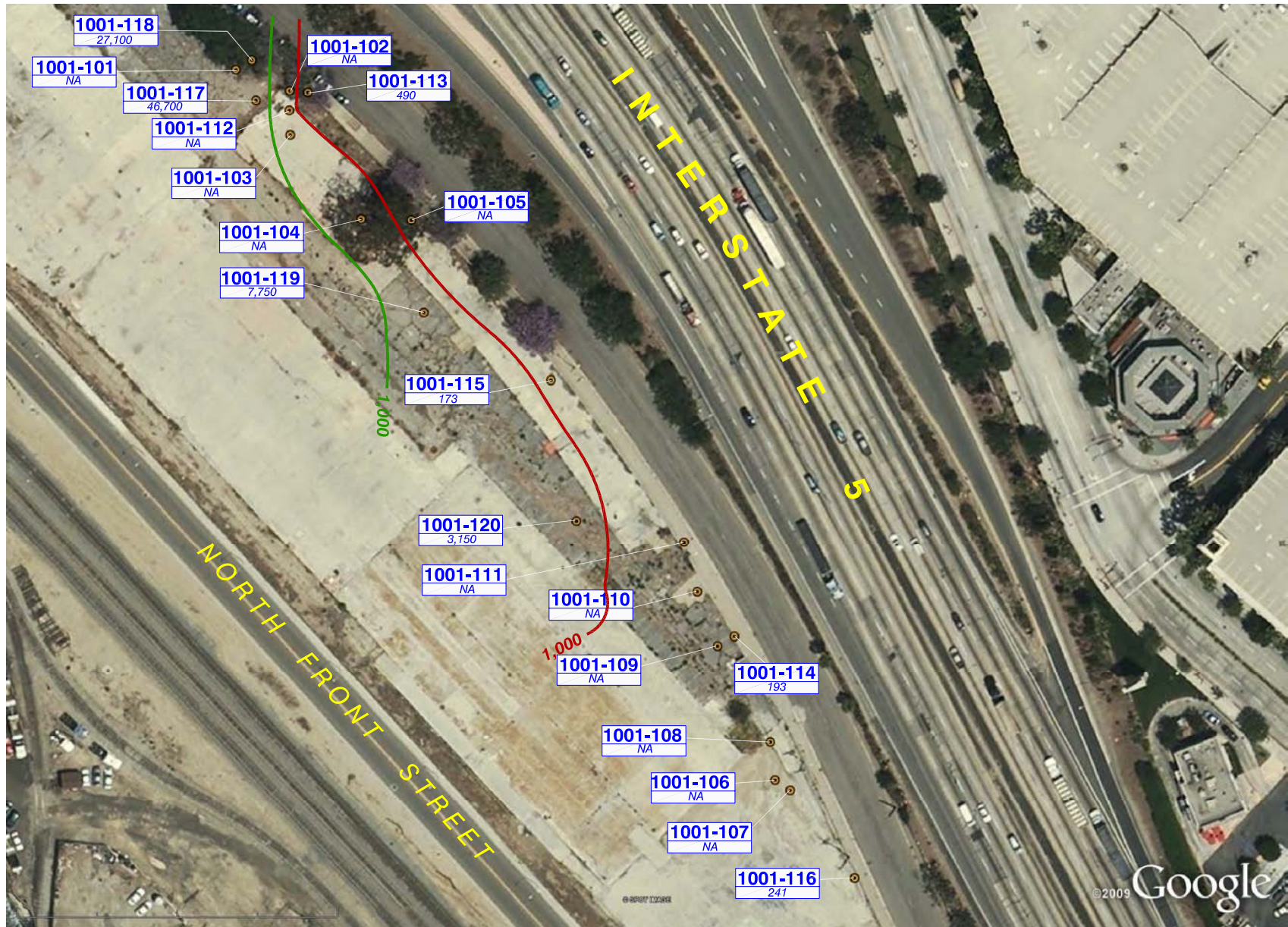
777 NORTH FRONT STREET
BURBANK, CALIFORNIA

4c

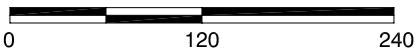
207126015

6/09

207126-A12.DWG



BORING LOCATION
 10,000 ——— µg/m³
 1,000 ——— µg/m³
 APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

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**PCE CONCENTRATIONS IN SOIL VAPOR
at 40 FEET**

FIGURE

PROJECT NO.

DATE

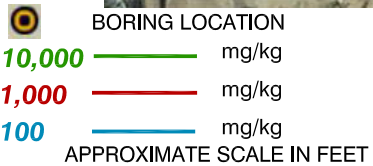
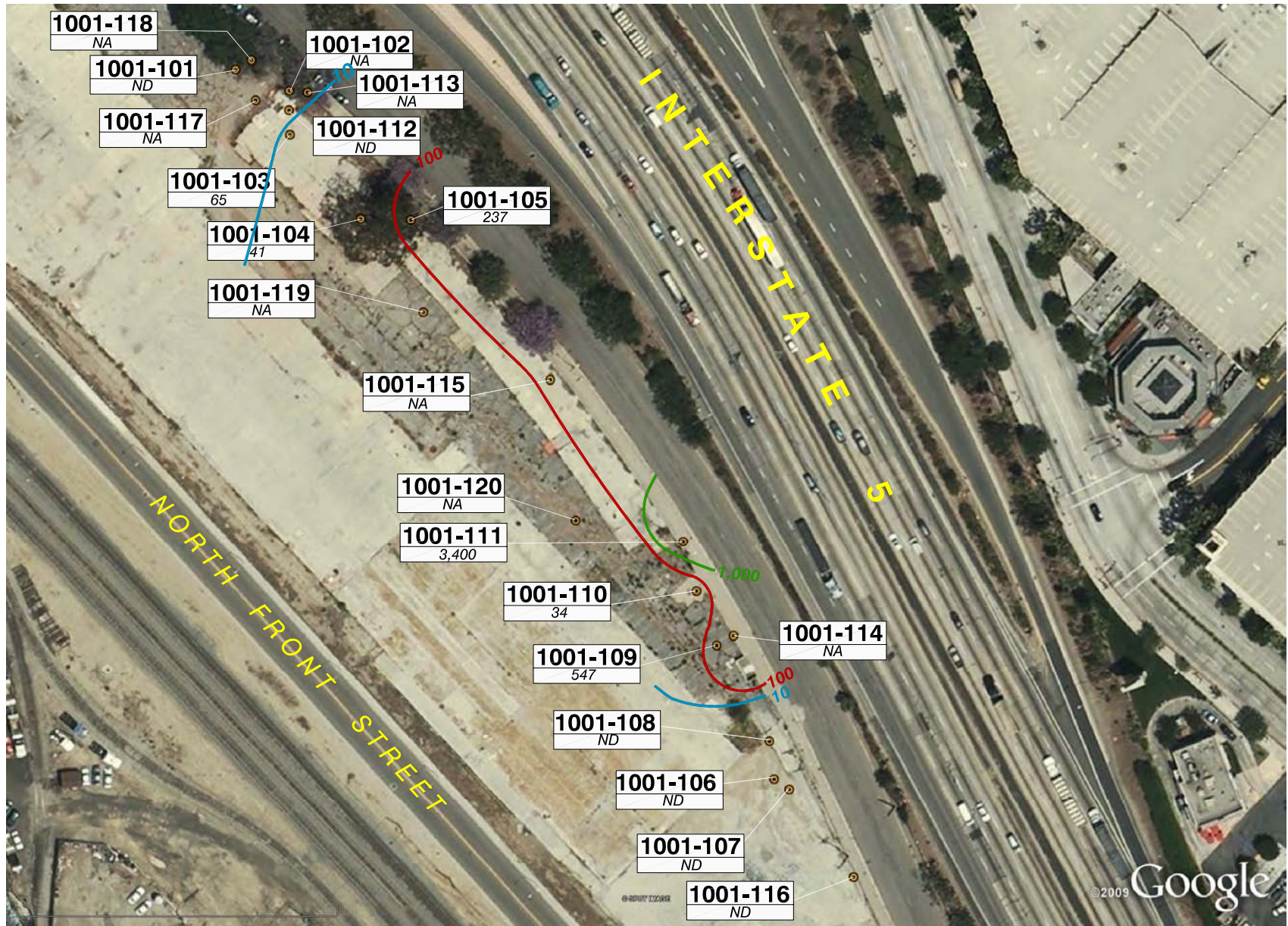
777 NORTH FRONT STREET
BURBANK, CALIFORNIA

4d

207126015

6/09

207126-A12.DWG



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

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**TPH CONCENTRATIONS IN SOIL
at 2 FEET**

FIGURE

PROJECT NO.

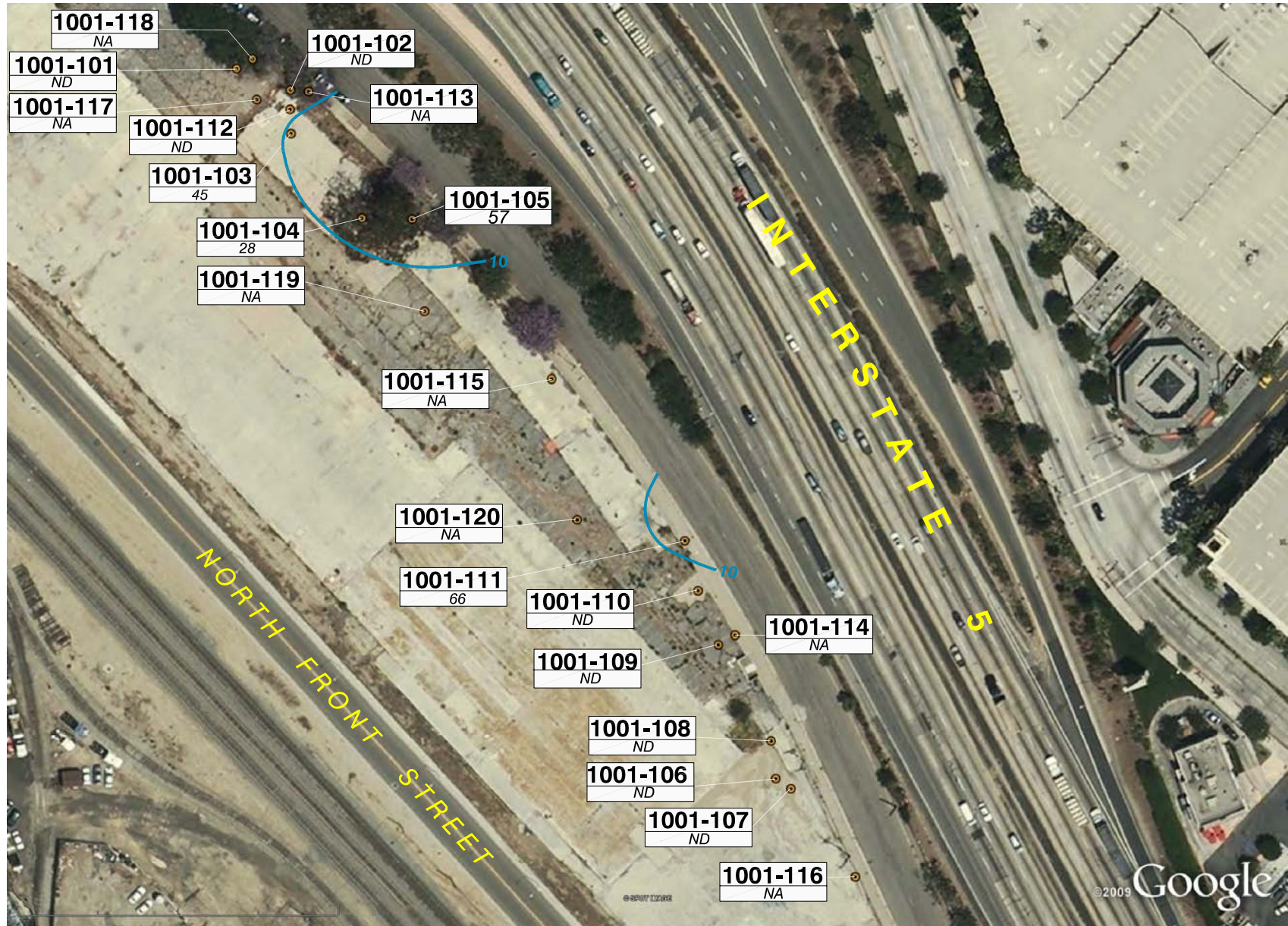
DATE

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

5a

207126015

6/09



Ninyo & Moore

**TPH CONCENTRATIONS IN SOIL
at 5 FEET**

FIGURE

PROJECT NO.

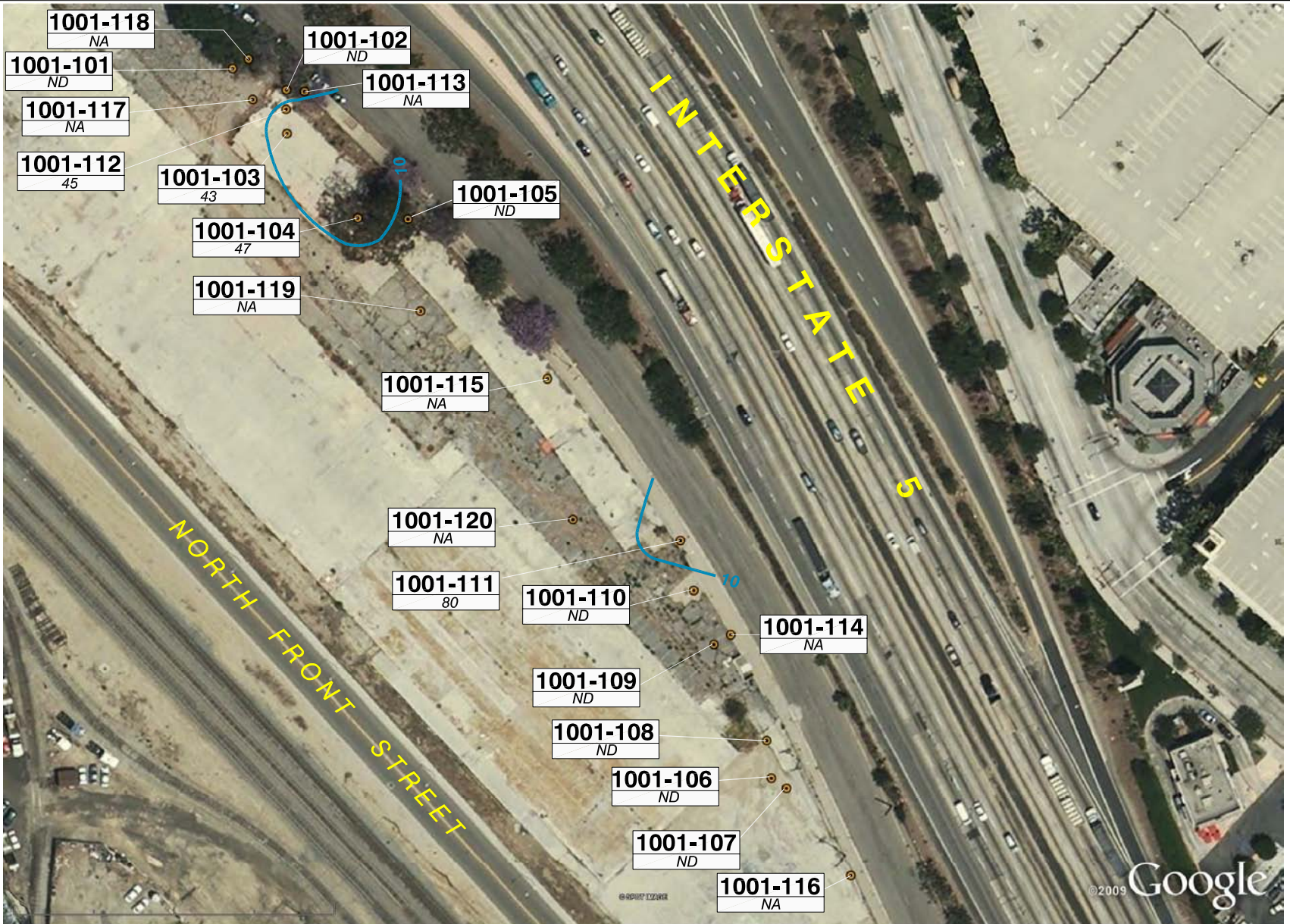
DATE

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

5b

207126015

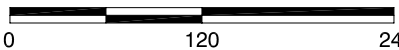
6/09



BORING LOCATION

100 — mg/kg

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**TPH CONCENTRATIONS IN SOIL
at 10 FEET**

FIGURE

PROJECT NO.

DATE

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

5c

207126015

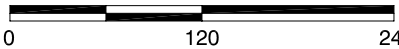
6/09



 BORING LOCATION

10  mg/km

APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**TPH CONCENTRATIONS IN SOIL
at 20 FEET**

PROJECT NO.	DATE
207126015	6/09

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

FIGURE

5d

APPENDIX A

FIELD PROCEDURES

Drilling, Soil Sampling and Probe Installation Procedures

SOIL VAPOR SURVEY PROCEDURES

Pre-Installation Probe

Prior to installing soil vapor probes, the proposed locations are probed for underground pipes or utilities to a depth of approximately 5 feet using a tile probe.

Soil-Vapor Probe Installation

Soil vapor probes were installed using either a truck-mounted direct-push device (a Geoprobe or equivalent), equipped with a hydraulic percussion hammer, or manually. One-inch-diameter, hollow-steel rods were pushed to the target depths using the Geoprobe, a roto-hammer, jackhammer, or slam bar.

An expendable drive point/anchor was attached to the bottom probe rod prior to insertion. Once the target depth is reached, the probe is withdrawn approximately 6 inches to 1 foot, disengaging the drive point. A ¼-inch-diameter polyethylene tube, with perforations along the bottom 4 inches, is inserted into the bottom of the hole inside the steel pipe. Alternatively, the tubing can be connected to a vapor sampling implant prior to lowering down hole. The rods are then retrieved leaving the tubing in the hole. Fine-grained sand was poured around the tube openings to approximately 2 inches above the perforations. The annulus is then grouted with granular bentonite hydrated in place to form a tight seal around the tube and reduce the chance of sampling ambient air. The tubing was then labeled with the probe designation and total depth. Vapor sampling was conducted after one hour to allow for equilibration of the subsurface vapor regime.

Soil Sampling

1. Probes were installed, using hydraulic push sampling system. Soil probes were drilled to depths up to 20 feet below ground surface (bgs). A 1½-inch-diameter, hollow, stainless steel rod was hydraulically driven into the subsurface to obtain continuous soil samples. Relatively undisturbed soil samples were collected from the probe tip at approximately one and five-foot depth intervals for chemical analyses. Soil samples were retrieved by retracting the probe rod and sampler to the surface and disassembling the sampler. Drilling services were provided by a State-licensed drilling contractor.

2. During drilling, soil classification (in general accordance with the USCS), sample type and depth, and related drilling information were recorded on boring logs.
3. Discrete, relatively undisturbed soil samples were collected in industry standard 1½-inch acetate sleeves.
4. The sampler was cleaned prior to use and between sampling intervals, using a bristle brush and a detergent solution; this was followed by two tap water rinses and a deionized-water rinse. The sampler was dried by air or with a paper towel prior to being used for sampling.
5. Following retrieval of the sampler, the acetate sleeve was cut at the appropriate depth interval to obtain a sample; its ends were covered with Teflon tape, and capped with polyethylene end caps. The sample tube was labeled with the project number, sample number, sample depth, and collection date.
6. The soil samples were placed in sealable plastic bags and stored in an ice chest, which was cooled, using bagged ice, to a temperature of approximately four degrees Celsius.
7. The remaining soil in the acetate tube was used to describe the soil lithology, to observe indications of petroleum hydrocarbon discoloration and/or odor.

Soil-Vapor Sampling

Soil gas sampling was not conducted within three days following rainy weather due to possible effects on the subsurface vapor regime.

The polyethylene tubing was connected to a glass-sampling bulb fitted with Teflon stopcocks and a Viton rubber sampling port. The bulb was connected in turn to a vacuum gauge, a flowmeter, and portable sampling pump in series. The sampling train was tested for leakage. The glass-sampling bulb was wrapped in aluminum foil to minimize photoreactions with captured chemicals. Alternatively, soil gas samples can be collected using a syringe by inserting the needle into silicon tubing attaching the top of the probe to the sampling pump.

For volatile organic compounds, approximately 1 to 7 purge volumes of air are removed prior to sample collection. Lighter gases may need less purging prior to sampling. After purging, first the pump-end and then the probe-end sample cocks were closed in sequence. Once collected, the sample was labeled, injected with isotopically labeled surrogate compounds, recorded on a chain-of-custody, and immediately transferred to a mobile laboratory for chemical analysis. Soil gas probes were then removed.

Detection Limits

A detection limit of 1 µg/l will be specified for VOC target compounds, as requested by the RWQCB.

QUALITY ASSURANCE/QUALITY CONTROL EVALUATION – SOIL GAS SURVEY

The purpose for the quality assurance (QA) procedures and collecting quality control (QC) samples is to acquire data to assess and document the effectiveness of probe-installation, field sampling and laboratory-analysis procedures in producing accurate and precise analytical data. A description of the field QA procedures, QC sample types, and an evaluation of the analytical results of these samples for this project are presented in the following sections.

FIELD QA PROCEDURES

Sample-Train Leakage Test

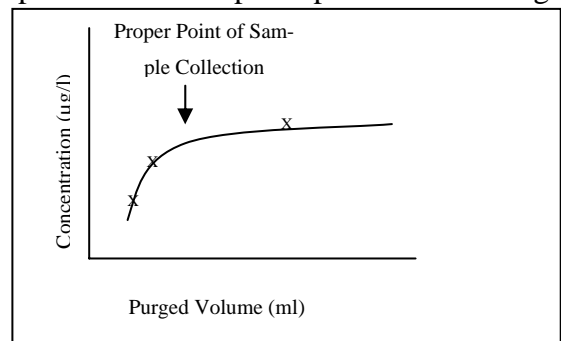
Prior to sampling, the sampling train was tested for leakage. Initially, both stopcocks in the sample train were closed. The absence of flow and the presence of a slight vacuum demonstrated that the pump-end side of the sampling train had no leaks. Then the first stopcock (pump end) was opened. The absence of flow demonstrated that the sampling bulb itself did not leak.

Annular-Seal Leakage Test

To ensure proper probe installation and sealing, a leakage test was performed during sampling procedures. The leakage test consists of placing a shallow container of analytical-grade pentane next to the top of the probe hole. The container and probe hole are covered by a special trap. Pentane vapors fill the trap and surround the hole. The presence of analytical-grade pentane in the soil-vapor sample would indicate a leakage of ambient air down from the surface through the annular seal into the sample zone. If this occurs, the sample was then determined to be invalid and the probe was reconstructed to prevent leakage.

Purge-Volume Test

A purge volume test was conducted after the first sample containing VOC concentrations was detected. The purge volume test was conducted so that equilibrium soil gas concentrations are being sampled. Ambient air may intrude into the sand pack and native pore spaces surrounding the probe during probe installation. Similarly, VOC vapors may accumulate in previously installed probes. Unless these are purged prior to collecting the sample, the sample may not be representative of the vapor regime beneath the site. The 'probe volume' is the volume of air contained in the vapor-probe tubing and sand-pack. The 'purge volume' is the amount of air required to be purged in order to obtain a vapor sample representative of subsurface vapor conditions. During the purge volume test, samples were collected after purging 1, 3, and 7 probe volumes. Chemical results for the samples



were graphed as a function of the amount of air purged. The correct purge volume was then evaluated as the point at which concentrations begin to stabilize.

LABORATORY QC PROCEDURES

Calibration

Analytical procedures are evaluated by the laboratory by conducting equipment calibration, analyzing a laboratory control standard (LCS), a daily standard, and generating a surrogate calibration curve in accordance with Los Angeles Regional Water Quality Control Board procedures.

LCS will be prepared for the initial calibration, the daily mid-point calibration, and if required, the end-of-day test run. An initial calibration and daily mid-point calibration of target compounds (23 for VOCs) must be conducted prior to analysis of site samples. During the initial calibration, three different concentrations of the LCS will be prepared and analyzed, with the lowest concentration less than five times the detection limit for each compound. The response factor (RF) for each compound and calibration concentrations were calculated. The average RF for each compound was then calculated. The percent relative standard deviation (percent RSD) for each target compound must not exceed 20 percent except for Freon 11, Freon 12, Freon 113, chloroethane, and vinyl chloride. For these chemicals the percent RSD cannot exceed 30 percent. The initial calibration was performed if the RF from the daily mid-point calibration check exceeded ± 15 percent difference from the initial calibration's average RF.

The daily mid-point calibration check was conducted by taking a LCS with a mid-point concentration within the linear range of the initial calibration.

Surrogate Compounds & Recovery















Upon collection of each soil-vapor sample, approximately 5 to 25 nanograms (ng) each of deuterated-chloroform, deuterated-methylene chloride, deuterated-tetrahydrofuran, deuterated-acetone, and deuterated -benzene are introduced through the Viton rubber septum into the sampling bulb. The recovery of these isotopically labeled surrogate compounds is used to determine if the bulbs remained leak-free between sample collection and analysis.

A recovery of 90 percent deuterated-benzene and deuterated chloroform is desirable. A recovery of less than 75 percent invalidates the sample;

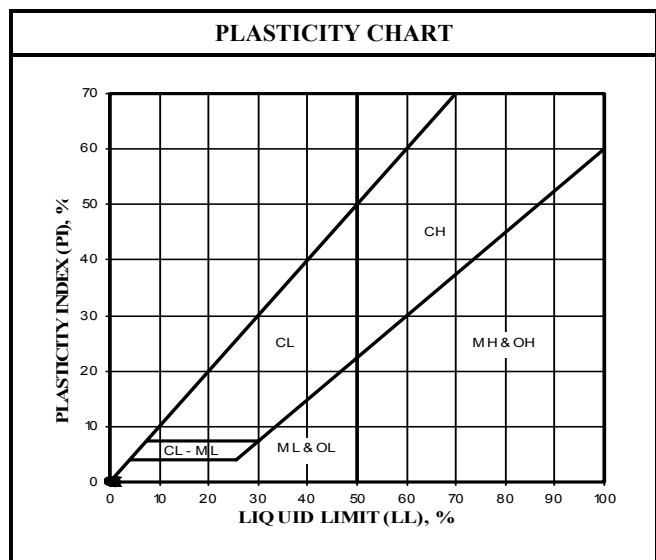
Deuterated-acetone is added as a measure of water vapor in the sampling and analysis systems. A recovery of greater than 70 percent is acceptable, although levels of the water-soluble compounds (ketones) may be affected.

APPENDIX B
BORING LOGS

U.S.C.S. METHOD OF SOIL CLASSIFICATION

MAJOR DIVISIONS	SYMBOL	TYPICAL NAMES
COARSE-GRAINED SOILS (More than 1/2 of soil >No. 200 sieve size)	GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)	 GW Well graded gravels or gravel-sand mixtures, little or no fines
		 GP Poorly graded gravels or gravel-sand mixtures, little or no fines
		 GM Silty gravels, gravel-sand-silt mixtures
		 GC Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than 1/2 of coarse fraction <No. 4 sieve size)	 SW Well graded sands or gravelly sands, little or no fines
		 SP Poorly graded sands or gravelly sands, little or no fines
		 SM Silty sands, sand-silt mixtures
		 SC Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (More than 1/2 of soil <No. 200 sieve size)	SILTS & CLAYS Liquid Limit <50	 ML Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with
		 CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean
		 OL Organic silts and organic silty clays of low plasticity
	SILTS & CLAYS Liquid Limit >50	 MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		 CH Inorganic clays of high plasticity, fat clays
		 OH Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS		Pt Peat and other highly organic soils

GRAIN SIZE CHART		
CLASSIFICATION	RANGE OF GRAIN SIZE	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL	3" to No. 4	76.2 to 4.76
Coarse	3" to 3/4"	76.2 to 19.1
Fine	3/4" to No. 4	19.1 to 4.76
SAND	No. 4 to No. 200	4.76 to 0.075
Coarse	No. 4 to No. 10	4.76 to 2.00
Medium	No. 10 to No. 40	2.00 to 0.420
Fine	No. 40 to No. 200	0.420 to 0.075
SILT & CLAY	Below No. 200	Below 0.075



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U.S.C.S. METHOD OF SOIL CLASSIFICATION

BORING LOG EXPLANATION SHEET

DEPTH (feet)	Bulk Driven SAMPLES	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	SYMBOL	CLASSIFICATION U.S.C.S.
0	█					Bulk sample.
	█					Modified split-barrel drive sampler.
	▣					No recovery with modified split-barrel drive sampler.
	▣					Sample retained by others.
	▣					Standard Penetration Test (SPT).
5	▣					No recovery with a SPT.
	▣	XX/XX				Shelby tube sample. Distance pushed in inches/length of sample recovered in inches.
	▣					No recovery with Shelby tube sampler.
	▣					Continuous Push Sample.
	▣		∩			Seepage.
10	▣		∩			Groundwater encountered during drilling.
	▣		∩			Groundwater measured after drilling.
	▣				█	SM
	▣					ALLUVIUM: Solid line denotes unit change.
	▣					Dashed line denotes material change.
15	▣					Attitudes: Strike/Dip b: Bedding c: Contact j: Joint f: Fracture F: Fault cs: Clay Seam s: Shear bss: Basal Slide Surface sf: Shear Fracture sz: Shear Zone sbs: Sheared Bedding Surface
20	▣					The total depth line is a solid line that is drawn at the bottom of the boring.



BORING LOG

EXPLANATION OF BORING LOG SYMBOLS

PROJECT NO.

DATE
Rev. 01/03

FIGURE

DEPTH (feet)	SAMPLES	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED	BORING NO.				
									Bulk Driven					
									4/20/09	1001-101-S				
									GROUND ELEVATION	607' ± (MSL)	SHEET	1	OF	1
									METHOD OF DRILLING	Direct Push Geoprobe 6610DT				
									DRIVE WEIGHT	NA	DROP	NA		
									SAMPLED BY	MKA	LOGGED BY	MKA	REVIEWED BY	WRC
DESCRIPTION/INTERPRETATION														
0							SM		<u>ASPHALT:</u> Approximately 4 inches thick.					
					0.1				<u>ALLUVIUM:</u> Moderate brown (5YR 3/4), moist, silty SAND.					
							SM		Grayish brown (5YR 3/2), silty SAND.					
10					0.3									
							ML		Dark yellowish brown, moist, sandy SILT.					
					0.2									
							SP		Dark yellowish brown, SAND.					
					0.1									
20									Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.					
									<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.					
30														
40														



MONITORING WELL LOG

777 NORTH FRONT STREET
BURBANK, CALIFORNIA

PROJECT NO.
207126015

DATE
6/09

FIGURE
B-1

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	GENERAL INFORMATION	
	Bulk	Driven								DATE DRILLED	BORING NO.
										4/20/09	1001-102-S
										607' ± (MSL)	SHEET 1 OF 1
										METHOD OF DRILLING Direct Push Geoprobe 6610DT	
										NA	DROP NA
										MKA	LOGGED BY MKA REVIEWED BY WRC
										DESCRIPTION/INTERPRETATION	
0								ML		<u>CONCRETE:</u> Approximately 4 inches thick.	
					0.0			SM		<u>ALLUVIUM:</u> Dusky yellowish brown (10YR 2/2), sandy SILT.	
10								SP		Moderate brown (5YR 3/4), silty SAND.	
					0.0			ML		Pale yellowish brown (10YR 7/4), SAND; trace gravel.	
20								ML		Moderate yellowish brown (10YR 5/4), sandy SILT.	
					0.0					Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-2

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/20/09</u> BORING NO. <u>1001-103-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>1</u> OF <u>1</u>	
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0						0.1		ML		<u>CONCRETE:</u> Approximately 4 inches thick.	
						0.0		SP		<u>ALLUVIUM:</u> Grayish brown (5YR 3/2), sandy SILT.	
10						0.1		ML		Dusky brown (5YR 2/2), SAND.	
						0.0		ML		Dark yellowish orange (10YR 6/6), sandy SILT.	
20										Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-3

DEPTH (feet)	Bulk Driven	SAMPLES	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED	BORING NO.		
										4/20/09	1001-104-S		
										GROUND ELEVATION	SHEET	OF	
										607' ± (MSL)	1	1	
										METHOD OF DRILLING			
										Direct Push Geoprobe 6610DT			
										DRIVE WEIGHT	NA	DROP	NA
										SAMPLED BY			
										MKA	LOGGED BY	MKA	REVIEWED BY
											WRC	DESCRIPTION/INTERPRETATION	
0								SM		CONCRETE: Approximately 4 inches thick.			
						0.5				ALLUVIUM: Moderate brown (5YR 3/4), silty SAND; trace of oxidized iron and gravel.			
								SP		Pale yellowish brown (10YR 6/2), SAND.			
10								ML		Grayish brown (5YR 3/2), sandy SILT.			
						0.5				Grayish brown (5YR 3/2), sandy SILT.			
20						0.5				Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.			
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.			
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FIGURE
B-4

DEPTH (feet)	BULK SAMPLES Driven	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED	BORING NO.
									4/20/09	1001-105-S
									GROUND ELEVATION	SHEET
									607' ± (MSL)	1 OF 1
									METHOD OF DRILLING	
									Direct Push Geoprobe 6610DT	
									DRIVE WEIGHT	DROP
									NA	NA
									SAMPLED BY	LOGGED BY
									MKA	MKA
									REVIEWED BY	WRC
DESCRIPTION/INTERPRETATION										
0							ML		<u>CONCRETE:</u> Approximately 4 inches thick.	
					1.5				<u>ALLUVIUM:</u> Grayish brown (5YR 3/2), sandy SILT; trace of rootlets.	
							SP		Moderate brown (5YR 3/4), moist, SAND; trace of gravel.	
10					1.4					
							SM		Pale yellowish brown (10YR 6/2), silty SAND.	
					1.2					
							ML		Moderate brown (5YR 3/4), moist, sandy SILT.	
					0.0					
20									Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.	
									<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-5

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/21/09</u> BORING NO. <u>1001-106-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>1</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
0								SM		<u>CONCRETE:</u> Approximately 4 inches thick.	
						1.3		ML		<u>ALLUVIUM:</u> Grayish brown (5YR 3/2), silty SAND.	
										Grayish brown (5YR 3/2), sandy SILT.	
10						0.8		SP		Dusky brown (5YR 2/2), sand; trace of fines.	
										Dusky brown (5YR 2/2), silty SAND.	
						12.9					
								SM		Dusky brown (5YR 2/2), silty SAND.	
20						8.5				Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-6

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/21/09</u> BORING NO. <u>1001-107-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>1</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0								SM		<u>CONCRETE:</u> Approximately 4 inches thick.	
						2.3				<u>ALLUVIUM:</u> Grayish brown (5YR 3/2), silty SAND.	
								ML		Pale yellowish brown (10YR 6/2), sandy SILT; trace gravel.	
10						0.7					
								SM		Dusky yellowish brown (10YR 2/2), silty SAND; trace gravel.	
						11.9					
20						1.8				Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-7

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/21/09</u> BORING NO. <u>1001-108-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>1</u> OF <u>1</u>	
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0						58.1		SM		<u>ALLUVIUM:</u> Dark yellowish brown (10YR 5/4), silty SAND.	
						59.3		SP		Light brown (5YR 5/6), moist, SAND.	
						17.7		SM		Grayish brown (5YR 3/2), moist, silty SAND.	
20						71.6				Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09. <u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-8

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	GENERAL INFORMATION	
	Bulk	Driven								DATE DRILLED	BORING NO.
										4/21/09	1001-109-S
										607' ± (MSL)	SHEET 1 OF 1
										METHOD OF DRILLING Direct Push Geoprobe 6610DT	
										NA	NA
										MKA	MKA WRC
DESCRIPTION/INTERPRETATION											
0								ML		ASPHALT: Approximately 4 inches thick. Grayish brown (5YR 3/2), sandy SILT	
						10.2					
								SM		Moderate brown (5YR 3/4), silty SAND.	
10						18.9					
								ML		Moderate brown (5YR 3/4), sandy SILT.	
						10.3					
20						122.1				Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09. Note: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-9

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/21/09</u> BORING NO. <u>1001-110-S</u>	
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>1</u> OF <u>1</u>	
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0								ML		ASPHALT: <u>Approximately 4 inches thick.</u> Moderate brown (5YR 4/4), sandy SILT.	
					0.6						
								SP		Light brown (5YR 5/6), SAND.	
10					2.4						
								ML		Moderate brown (5YR 4/4), sandy SILT; trace of gravel.	
					2.8						
20					3.0					Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09. <u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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


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FIGURE
B-10

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/21/09</u> BORING NO. <u>1001-111-S</u>	
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>1</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
0						0.0		ML		<u>ASPHALT:</u> <u>Approximately 4 inches thick.</u> Grayish brown (5YR 3/2), moist, sandy SILT.	
						0.0		SM		Moderate brown (5YR 3/4), moist, silty SAND.	
10						0.0		SP		Moderate brown (5YR 3/4), SAND.	
						0.0		ML		Dusky brown (5YR 2/2), sandy SILT.	
20						0.0		ML		Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/21/09. <u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-11

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/20/09</u> BORING NO. <u>1001-112-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>1</u> OF <u>1</u>	
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
0						0.0		ML		<u>CONCRETE:</u> Approximately 4 inches thick.	
						0.0		SM		<u>ALLUVIUM:</u> Pale brown (5YR 5/2), moist, sandy SILT.	
10						0.0		SP		Grayish brown (5YR 3/2), silty SAND.	
						0.0		ML		Pale yellowish brown (10YR 6/2), SAND.	
						0.0		ML		Moderate brown (5YR 3/4), sandy SILT.	
20										Total Depth = 20 feet. No groundwater encountered. Backfilled with bentonite grout on 4/20/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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FIGURE
B-12

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/22/09</u> BORING NO. <u>1001-113-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>1</u> OF <u>1</u>	
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP _____	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
20						0.0		SP		Moderate yellowish brown (10YR 3/4), SAND.	
								SM		Grayish brown (5YR 3/2), silty SAND.	
30						0.1					
								SC		Dusky brown (5YR 2/2), clayey SAND.	
						0.1					
40						0.0				Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/22/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
50											
60											



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FIGURE
B-13

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-114-S</u>	
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>1</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u> </u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
20						6.0		SP		Dusky brown (5YR 2/2), SAND.	
								SM		Moderate brown (5YR 3/4), silty SAND.	
30						2.9					
								SP		Dark yellowish brown (10YR 4/2), SAND.	
						24.2					
40						2.8				Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
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60											



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FIGURE
B-14

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-115-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>2</u>
0										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
								ML		<u>CONCRETE:</u> Approximately 4 inches thick.	
						0.6				<u>ALLUVIUM:</u> Grayish brown (5YR 3/2), sandy SILT.	
								SP		Pale brown (5YR 5/2), SAND.	
10						0.6					
								ML		Light brown (5YR 5/6), sandy SILT.	
						0.9					
						6.2					
								SP		Moderate yellowish brown (5YR 5/6), SAND.	
						6.2					
						0.7					
								SP		Grayish brown (5YR 3/2), SAND.	
						0.6					
						0.2					
40											



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FIGURE
B-15

DEPTH (feet)	Bulk	SAMPLES	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u>	BORING NO. <u>1001-115-S</u>
	Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>2</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u>	DROP <u>NA</u>
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
40										<p>Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09.</p> <p>Note: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.</p>	
50											
60											
70											
80											



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FIGURE
 B-16

DEPTH (feet)	SAMPLES Bulk Driven	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED	BORING NO.		
									4/23/09	1001-116-S		
									GROUND ELEVATION	SHEET	OF	
									607' ± (MSL)	1	2	
									METHOD OF DRILLING			
									Direct Push Geoprobe 6610DT			
									DRIVE WEIGHT	NA	DROP	NA
									SAMPLED BY			
									MKA			
									LOGGED BY			
									MKA			
									REVIEWED BY			
									WRC			
									DESCRIPTION/INTERPRETATION			
0									<u>CONCRETE:</u> Approximately 4 inches thick.			
									<u>ALLUVIUM:</u> No recovery.			
					0.0	SM			Dusky brown (5YR 2/2), silty SAND.			
10					0.1	SP			Grayish brown (5YR 3/2), SAND; trace gravel.			
					0.7	SM			Moderate brown (5YR 3/4), silty SAND.			
20					0.8	SM						
					0.2	SP			Dark yellowish brown (10YR 3/4), SAND.			
30					2.6	SM			Grayish brown (5YR 3/2), silty SAND.			
					0.2	SP			Moderate brown (5YR 3/4), SAND; trace gravel.			
40					24.2							



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FIGURE
B-17

DEPTH (feet)	Bulk	SAMPLES															DATE DRILLED <u>4/23/09</u>	BORING NO. <u>1001-116-S</u>
	Driven																GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>2</u> OF <u>2</u>
METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u> DRIVE WEIGHT <u>NA</u> DROP <u>NA</u> SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>																		
DESCRIPTION/INTERPRETATION																		
40																	Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09. <u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
50																		
60																		
70																		
80																		



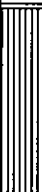


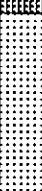
MONITORING WELL LOG

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FIGURE
B-18

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/22/09</u> BORING NO. <u>1001-117-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>1</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
20						0.0		ML		ALLUVIUM: Grayish brown (5YR 3/2), sandy SILT; trace of gravel.	
								SP		Yellowish brown (10YR 5/4), SAND.	
30						0.1		SM		Light brown (5YR 5/6), silty SAND.	
						0.1		SP		Moderate brown (5YR 3/4), SAND.	
40						0.0				Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/22/09.	
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
50											
60											



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FIGURE
B-19

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-118-S</u>	
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0								SM		<u>ASPHALT:</u> Approximately 4 inches thick.	
						1.2		ML		<u>ALLUVIUM:</u> Moderate brown (5YR 4/4), silty SAND.	
										Moderate brown (10YR 3/4), sandy SILT with gravel.	
10						2.3		SP		Moderate yellowish brown (10YR 5/4), SAND.	
										Moderate yellowish brown (10YR 5/4), SAND.	
						0.3		ML		Light brown (5YR 3/4), sandy SILT.	
										Light brown (5YR 3/4), sandy SILT.	
20						1.3					
						0.6					
						0.4		SM		Moderate brown (5YR 3/4), silty SAND with gravel.	
30										Moderate brown (5YR 3/4), silty SAND with gravel.	
										Moderate brown (5YR 3/4), silty SAND with gravel.	
						0.3					
40						0.6					



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FIGURE
B-20

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-118-S</u>		
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>2</u> OF <u>2</u>	METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>
40										DRIVE WEIGHT <u>NA</u>	DROP <u>NA</u>	SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>
										DESCRIPTION/INTERPRETATION		
										<p>Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09.</p> <p><u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.</p>		
50												
60												
70												
80												



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FIGURE
 B-21

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-119-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0								ML		<u>ASPHALT:</u> Approximately 4 inches thick.	
						2.1				<u>ALLUVIUM:</u> Moderate brown (5YR 4/4), sandy SILT.	
								SM		Moderate brown (5YR 3/4), silty SAND with gravel.	
10						2.5					
						2.1					
						2.5		SM		Moderate brown (5YR 3/4), silty SAND with gravel.	
20											
								SP		Pale yellowish brown (10YR 6/2), SAND.	
						1.3					
								SM		Grayish orange (10YR 7/4), silty SAND.	
30						2.8					
						1.3					
								SP		Pale yellowish brown (10YR 6/2), SAND.	
40						1.1					



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FIGURE
B-22

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u>	BORING NO. <u>1001-119-S</u>
	Bulk Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>2</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u>	DROP <u>NA</u>
										SAMPLED BY <u>MKA</u>	LOGGED BY <u>MKA</u>
										REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
40										<p>Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09.</p> <p>Note: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.</p>	
50											
60											
70											
80											



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FIGURE
 B-23

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u> BORING NO. <u>1001-120-S</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u> DROP <u>NA</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
0								ML		<u>ASPHALT:</u> Approximately 4 inches thick.	
						0.9		SM		<u>ALLUVIUM:</u> Moderate brown (5YR 3/4), clayey SILT; trace gravel.	
								SM		Grayish brown (5YR 3/2), silty SAND; trace gravel.	
10						0.5		SM			
								SP		Grayish brown (5YR 3/2), SAND with gravel.	
						0.6		SP			
								SP		Grayish brown (5YR 3/2), SAND with gravel.	
20						0.3		SP			
								SP		Grayish brown (5YR 3/2), SAND with gravel.	
						0.2		ML		Dusky brown (5YR 2/2), sandy SILT.	
								ML			
						2.0		SC		Moderate brown (5YR 4/4), clayey SAND.	
30						2.0		SC			
								SP		Pale yellowish brown (10YR 6/2), SAND; trace gravel.	
						0.3		SP			
40						2.0		SP			



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FIGURE
B-24

DEPTH (feet)	Bulk	SAMPLES	BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/23/09</u>	BORING NO. <u>1001-120-S</u>
	Driven									GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>2</u> OF <u>2</u>
										METHOD OF DRILLING <u>Direct Push Geoprobe 6610DT</u>	
										DRIVE WEIGHT <u>NA</u>	DROP <u>NA</u>
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
40										<p>Total Depth = 40 feet. No groundwater encountered. Backfilled with bentonite grout on 4/23/09.</p> <p><u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.</p>	
50											
60											
70											
80											



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FIGURE
 B-25

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED _____ 4/24/09 _____ BORING NO. _____ 1001-201-GW _____
	Bulk	Driven								
										METHOD OF DRILLING _____ 8" Hollow-Stem Auger (Martini Drilling) _____
										DRIVE WEIGHT _____ 140 lbs. _____ DROP _____ 30" _____
										SAMPLED BY _____ MKA _____ LOGGED BY _____ MKA _____ REVIEWED BY _____ WRC _____
										DESCRIPTION/INTERPRETATION
0								ML		<u>ASPHALT:</u> Approximately 4 inches thick.
7						0.5				<u>ALLUVIUM:</u> Dusky brown (5YR 2/2), very loose to dense, sandy SILT.
10			56			1.5				
11						21.2				Grayish brown (5YR 3/2); trace gravel.
								SM		Moderate brown (5YR 4/4), loose, silty SAND; trace gravel.
20			17							
								SP		Dark yellowish brown (10YR 4/2), loose, SAND with gravel.
15						0.9				
30			29			0.7				
								ML		Grayish brown (5YR 3/2), sandy SILT.
20						1.6				
								SM		Moderate brown (5YR 3/4), dense, silty SAND; trace gravel.
40										

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FIGURE
B-26

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/24/09</u> BORING NO. <u>1001-201-GW</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>2</u> OF <u>3</u>	METHOD OF DRILLING <u>8" Hollow-Stem Auger (Martini Drilling)</u>
										DRIVE WEIGHT <u>140 lbs.</u> DROP <u>30"</u>	SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>
DESCRIPTION/INTERPRETATION											
40			39			1.4		SM		ALLUVIUM: (Continued) Moderate brown (5YR 3/4), dense, silty SAND; trace gravel.	
								SC		Moderate brown (5YR 3/4), clayey SAND.	
			27			1.5		SM		Moderate brown (5YR 3/4), silty SAND; few gravel.	
								SP		Dark yellowish brown (10YR 4/2), dense, SAND; few gravel.	
50			52			0.7		SM		Light brown (5YR 5/6), medium dense, silty SAND; few gravel.	
								SM		Dark yellowish brown (10YR 4/2), silty SAND; trace gravel.	
			23			0.8		SM		Dark yellowish brown (10YR 4/2), silty SAND; trace gravel.	
								SP		Dusky brown (5YR 2/2), very dense, SAND; trace fines; few gravel.	
60			37			0.9		SM		Dark yellowish brown (10YR 4/2), silty SAND; trace gravel.	
								SP		Dusky brown (5YR 2/2), very dense, SAND; trace fines; few gravel.	
			76			1.3		SM		Dark yellowish brown (10YR 4/2), silty SAND; trace gravel.	
								SM		Grayish brown (5YR 3/2), silty SAND; trace fines; trace gravel.	
70			73			1.3		SM		Dark yellowish brown (10YR 4/2), silty SAND; trace gravel.	
								SP		Dark yellowish brown (10YR 4/2), very dense SAND; trace gravel.	
			45			1.5		SM		Dark yellowish brown (10YR 4/2), very dense SAND; trace gravel.	
								SP		Dark yellowish brown (10YR 4/2), very dense SAND; trace gravel.	
80											



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FIGURE
B-27

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED	BORING NO.
	Bulk	Driven									
										4/24/09	1001-201-GW
										607' ± (MSL)	SHEET 3 OF 3
										METHOD OF DRILLING 8" Hollow-Stem Auger (Martini Drilling)	
										140 lbs.	DROP 30"
										MKA	LOGGED BY MKA REVIEWED BY WRC
										DESCRIPTION/INTERPRETATION	
80			61			1.6		SP		ALLUVIUM: (Continued) Dark yellowish brown (10YR 4/2), very dense, SAND; trace gravel.	
										Dark yellowish brown (10YR 4/2), very dense, silty SAND.	
			85			1.4		SM			
										Dark yellowish brown (10YR 4/2), very dense, silty SAND.	
90			50/6"			0.8		SC		Moderate yellowish brown (10YR 5/4), dense, clayey SAND.	
										Moderate yellowish brown (10YR 5/4), dense, clayey SAND.	
			46			0.5		SP		Moderate brown (5YR 4/4), very dense, SAND; trace fines; trace gravel.	
										Moderate brown (5YR 4/4), very dense, SAND; trace fines; trace gravel.	
100			50/3"			0.8		SP		Total Depth = 100 feet. No groundwater encountered. Backfilled with bentonite grout on 4/24/09.	
										Note: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.	
110											
120											



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FIGURE
B-28

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/24/09</u> BORING NO. <u>1001-202-GW</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u>	SHEET <u>1</u> OF <u>3</u>
										METHOD OF DRILLING <u>8" Hollow-Stem Auger (Martini Drilling)</u>	
										DRIVE WEIGHT <u>140 lbs.</u>	DROP <u>30"</u>
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
										DESCRIPTION/INTERPRETATION	
0								SC		<u>CONCRETE:</u> Approximately 4 inches thick.	
10			12		0.0					<u>ALLUVIUM:</u> Dusky brown (5YR 2/2), loose, clayey SAND.	
20			11		0.3			ML		Moderate brown (5YR 3/4), soft, sandy SILT.	
30			51		1.2			SP		Light brown (5YR 5/6), dense, SAND; trace fines.	
40								SM		Moderate yellowish brown (10YR 5/4), silty SAND; trace gravel.	



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FIGURE
B-29

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	DATE DRILLED <u>4/24/09</u> BORING NO. <u>1001-202-GW</u>	
	Bulk	Driven								GROUND ELEVATION <u>607' ± (MSL)</u> SHEET <u>2</u> OF <u>3</u>	
										METHOD OF DRILLING <u>8" Hollow-Stem Auger (Martini Drilling)</u>	
										DRIVE WEIGHT <u>140 lbs.</u> DROP <u>30"</u>	
										SAMPLED BY <u>MKA</u> LOGGED BY <u>MKA</u> REVIEWED BY <u>WRC</u>	
DESCRIPTION/INTERPRETATION											
40			34			0.9		SM		<u>ALLUVIUM: (Continued)</u> Moderate yellowish brown (10YR 5/4), medium dense silty SAND; trace gravel.	
								ML		Moderate brown (5YR 4/4), moist, firm, sandy SILT; trace gravel.	
50			29			1.2		SP		Grayish brown (5YR 3/2), very dense, SAND; few gravel.	
60			76			1.4		SM		Dark yellowish orange (10YR 6/6), medium dense, silty SAND; trace oxidized iron.	
70			28			6.3		SP		Grayish brown (5YR 3/2), dense, SAND; few gravel; trace oxidized iron.	
80											



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FIGURE
B-30

DEPTH (feet)	SAMPLES		BLOWS/FOOT	SAMPLE ID	MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	WELL CONSTRUCTION	GENERAL INFORMATION					
	Bulk Driven									DATE DRILLED	BORING NO.	GROUND ELEVATION	SHEET	OF	
										4/24/09	1001-202-GW	607' ± (MSL)	3	OF	3
										METHOD OF DRILLING 8" Hollow-Stem Auger (Martini Drilling)					
										140 lbs.	DROP	30"			
										SAMPLED BY MKA LOGGED BY MKA REVIEWED BY WRC					
										DESCRIPTION/INTERPRETATION					
80			46			0.5		SP		<u>ALLUVIUM:</u> (Continued) Grayish brown (5YR 3/2), dense, SAND; few gravel; trace oxidized iron.					
								SM		Dark yellowish brown (10YR 4/2), very dense, silty SAND.					
90			71/8"			0.3									
								SP		Yellowish brown (10YR 4/2), very dense, SAND.					
100			74			0.3				Total Depth = 100 feet. No groundwater encountered. Backfilled with bentonite grout on 4/24/09.					
										<u>Note:</u> Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.					
110															
120															

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FIGURE
B-31

APPENDIX C
LABORATORY REPORTS

May 01, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 105139

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 20, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 01-May-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105139**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-001A	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001B	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001C	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001D	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001E	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001F	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-001G	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/1/2009
105139-002A	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002B	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002C	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002D	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002E	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002F	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-002G	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/1/2009
105139-003A	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003B	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003C	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003D	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003E	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003F	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-003G	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/1/2009
105139-004A	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004B	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004C	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004D	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004E	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004F	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-004G	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/1/2009
105139-005A	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009



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105139-005B	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-005C	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-005D	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-005E	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-005F	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-005G	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/1/2009
105139-006A	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006B	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006C	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006D	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006E	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006F	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-006G	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/1/2009
105139-007A	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007B	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007C	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007D	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007E	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007F	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-007G	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/1/2009
105139-008A	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008B	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008C	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008D	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008E	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008F	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-008G	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/1/2009
105139-009A	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-009B	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-009C	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009



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105139-009D	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-009E	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-009F	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-009G	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/1/2009
105139-010A	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010B	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010C	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010D	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010E	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010F	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-010G	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/1/2009
105139-011A	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011B	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011C	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011D	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011E	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011F	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-011G	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/1/2009
105139-012A	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012B	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012C	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012D	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012E	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012F	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-012G	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/1/2009
105139-013A	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-013B	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-013C	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-013D	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-013E	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009



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105139-013F	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-013G	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/1/2009
105139-014A	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014B	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014C	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014D	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014E	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014F	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-014G	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/1/2009
105139-015A	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015B	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015C	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015D	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015E	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015F	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-015G	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/1/2009
105139-016A	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016B	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016C	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016D	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016E	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016F	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-016G	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/1/2009
105139-017A	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017B	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017C	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017D	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017E	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017F	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009
105139-017G	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/1/2009



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105139-018A	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018B	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018C	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018D	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018E	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018F	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-018G	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/1/2009
105139-019A	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019B	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019C	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019D	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019E	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019F	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-019G	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/1/2009
105139-020A	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020B	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020C	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020D	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020E	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020F	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-020G	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/1/2009
105139-021A	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021B	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021C	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021D	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021E	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021F	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-021G	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/1/2009
105139-022A	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-022B	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009



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105139-022C	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-022D	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-022E	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-022F	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-022G	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/1/2009
105139-023A	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023B	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023C	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023D	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023E	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023F	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-023G	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/1/2009
105139-024A	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024B	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024C	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024D	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024E	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024F	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-024G	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025A	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025B	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025C	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025D	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025E	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025F	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-025G	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/1/2009
105139-026A	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-026B	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-026C	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-026D	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009



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105139-026E	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-026F	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-026G	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/1/2009
105139-027A	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027B	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027C	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027D	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027E	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027F	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-027G	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/1/2009
105139-028A	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028B	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028C	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028D	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028E	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028F	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-028G	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029A	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029B	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029C	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029D	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029E	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029F	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-029G	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/1/2009
105139-030A	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-030B	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-030C	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-030D	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-030E	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-030F	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-030G	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/1/2009
105139-031A	TRIP Blank	Water	4/20/2009	4/20/2009	5/1/2009
105139-032A	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032B	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032C	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032D	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032E	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032F	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009
105139-032G	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Analytical Comments for EPA 6010B

1. Samples 105139-010ADUP, 105139-020ADUP and 105139-032ADUP, RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for EPA 8015B(M)

1. Samples 105139-005AMSD, 105139-014AMS, MB-54952MS and MB-54952MSD, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8260B

1. Sample 105139-007C, surrogate recovery biased high possibly due to matrix interferences; however the results were non-detect (ND) for analytes of interest and reanalysis of the sample was not necessary.
2. Sample 105139-001C, RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for EPA 8270C

1. Samples 105139-002A, 105139-013A, 105139-020A, 105139-023A, 105139-024A and 105139-025A, dilution was necessary due to samples' dark extract.
2. Sample 105139-025A, surrogate recovery biased low possibly due to matrix interferences.



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139

CASE NARRATIVE

Analytical Comments for SM4500-H+B

1. Sample 105139-030A, was received and analyzed past holding time.



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001A

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 03:52 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Cobalt	9.4	0.014	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Copper	24	0.26	2.0	mg/Kg	1	4/27/2009 03:52 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Vanadium	51	0.019	1.0	mg/Kg	1	4/27/2009 03:52 PM	
Zinc	49	0.19	1.0	mg/Kg	1	4/27/2009 03:52 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 08:50 PM	
Surr: p-Terphenyl	80.2	0	57-144	%REC	1	4/23/2009 08:50 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 08:50 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 08:50 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 08:50 PM	
Surr: p-Terphenyl	80.2	0	57-144	%REC	1	4/23/2009 08:50 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001A

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 04:03 PM
Surr: Decachlorobiphenyl	78.0 0	30-124	%REC 1 4/22/2009 04:03 PM
Surr: Tetrachloro-m-xylene	90.6 0	40-118	%REC 1 4/22/2009 04:03 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 02:51 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/21/2009 06:45 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/21/2009 06:45 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/21/2009 06:45 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/21/2009 06:45 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/21/2009 06:45 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/21/2009 06:45 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/21/2009 06:45 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/21/2009 06:45 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/21/2009 06:45 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/21/2009 06:45 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/21/2009 06:45 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/21/2009 06:45 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/21/2009 06:45 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/21/2009 06:45 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/21/2009 06:45 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001A

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/21/2009 06:45 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/21/2009 06:45 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/21/2009 06:45 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/21/2009 06:45 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/21/2009 06:45 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/21/2009 06:45 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/21/2009 06:45 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/21/2009 06:45 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/21/2009 06:45 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/21/2009 06:45 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/21/2009 06:45 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/21/2009 06:45 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/21/2009 06:45 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/21/2009 06:45 PM
Anthracene	ND 76	330	µg/Kg 1 4/21/2009 06:45 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/21/2009 06:45 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/21/2009 06:45 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/21/2009 06:45 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/21/2009 06:45 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/21/2009 06:45 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/21/2009 06:45 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/21/2009 06:45 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/21/2009 06:45 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/21/2009 06:45 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/21/2009 06:45 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/21/2009 06:45 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/21/2009 06:45 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/21/2009 06:45 PM
Chrysene	ND 79	330	µg/Kg 1 4/21/2009 06:45 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/21/2009 06:45 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/21/2009 06:45 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/21/2009 06:45 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/21/2009 06:45 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/21/2009 06:45 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/21/2009 06:45 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001A

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/21/2009 06:45 PM
Fluorene	ND	69	330	µg/Kg	1	4/21/2009 06:45 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/21/2009 06:45 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/21/2009 06:45 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/21/2009 06:45 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/21/2009 06:45 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/21/2009 06:45 PM
Isophorone	ND	85	330	µg/Kg	1	4/21/2009 06:45 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/21/2009 06:45 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/21/2009 06:45 PM
Naphthalene	ND	86	330	µg/Kg	1	4/21/2009 06:45 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/21/2009 06:45 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/21/2009 06:45 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/21/2009 06:45 PM
Phenol	ND	95	330	µg/Kg	1	4/21/2009 06:45 PM
Pyrene	ND	77	330	µg/Kg	1	4/21/2009 06:45 PM
Surr: 1,2-Dichlorobenzene-d4	78.9	0	49-103	%REC	1	4/21/2009 06:45 PM
Surr: 2,4,6-Tribromophenol	90.1	0	47-129	%REC	1	4/21/2009 06:45 PM
Surr: 2-Chlorophenol-d4	87.0	0	54-109	%REC	1	4/21/2009 06:45 PM
Surr: 2-Fluorobiphenyl	91.9	0	59-108	%REC	1	4/21/2009 06:45 PM
Surr: 2-Fluorophenol	85.8	0	50-111	%REC	1	4/21/2009 06:45 PM
Surr: 4-Terphenyl-d14	119	0	58-135	%REC	1	4/21/2009 06:45 PM
Surr: Nitrobenzene-d5	86.1	0	54-115	%REC	1	4/21/2009 06:45 PM
Surr: Phenol-d5	89.8	0	58-112	%REC	1	4/21/2009 06:45 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	6.9	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001B

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090421A	QC Batch:	T09VS102	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.0	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1,1-Trichloroethane	ND	1.4	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1,2,2-Tetrachloroethane	ND	3.3	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1,2-Trichloroethane	ND	1.3	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1-Dichloroethane	ND	0.65	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1-Dichloroethene	ND	0.48	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,1-Dichloropropene	ND	2.2	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2,3-Trichlorobenzene	ND	4.0	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2,3-Trichloropropane	ND	2.4	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2,4-Trichlorobenzene	ND	2.5	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2,4-Trimethylbenzene	ND	1.1	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2-Dibromo-3-chloropropane	ND	3.3	11	µg/Kg	1	4/21/2009 12:34 PM	
1,2-Dibromoethane	ND	1.0	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2-Dichlorobenzene	ND	2.2	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2-Dichloroethane	ND	2.0	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,2-Dichloropropane	ND	1.6	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,3,5-Trimethylbenzene	ND	0.83	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,3-Dichlorobenzene	ND	1.8	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,3-Dichloropropane	ND	0.34	5.3	µg/Kg	1	4/21/2009 12:34 PM	
1,4-Dichlorobenzene	ND	1.9	5.3	µg/Kg	1	4/21/2009 12:34 PM	
2,2-Dichloropropane	ND	0.51	5.3	µg/Kg	1	4/21/2009 12:34 PM	
2-Chlorotoluene	ND	0.94	5.3	µg/Kg	1	4/21/2009 12:34 PM	
4-Chlorotoluene	ND	1.2	5.3	µg/Kg	1	4/21/2009 12:34 PM	
4-Isopropyltoluene	ND	1.2	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Benzene	ND	0.68	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Bromobenzene	ND	1.3	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Bromodichloromethane	ND	1.4	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Bromoform	ND	2.1	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Bromomethane	ND	0.72	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Carbon tetrachloride	ND	1.5	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Chlorobenzene	ND	0.69	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Chloroethane	ND	0.92	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Chloroform	ND	1.6	5.3	µg/Kg	1	4/21/2009 12:34 PM	
Chloromethane	ND	0.40	5.3	µg/Kg	1	4/21/2009 12:34 PM	
cis-1,2-Dichloroethene	ND	1.9	5.3	µg/Kg	1	4/21/2009 12:34 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001B

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421A	QC Batch: T09VS102	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.79	5.3	µg/Kg 1 4/21/2009 12:34 PM
Dibromochloromethane	ND 0.76	5.3	µg/Kg 1 4/21/2009 12:34 PM
Dibromomethane	ND 1.3	5.3	µg/Kg 1 4/21/2009 12:34 PM
Dichlorodifluoromethane	ND 0.57	5.3	µg/Kg 1 4/21/2009 12:34 PM
Ethylbenzene	ND 0.34	5.3	µg/Kg 1 4/21/2009 12:34 PM
Hexachlorobutadiene	ND 2.4	5.3	µg/Kg 1 4/21/2009 12:34 PM
Isopropylbenzene	ND 0.60	5.3	µg/Kg 1 4/21/2009 12:34 PM
m,p-Xylene	ND 0.73	11	µg/Kg 1 4/21/2009 12:34 PM
Methylene chloride	ND 5.3	5.3	µg/Kg 1 4/21/2009 12:34 PM
n-Butylbenzene	ND 1.3	5.3	µg/Kg 1 4/21/2009 12:34 PM
n-Propylbenzene	ND 0.72	5.3	µg/Kg 1 4/21/2009 12:34 PM
Naphthalene	ND 2.7	5.3	µg/Kg 1 4/21/2009 12:34 PM
o-Xylene	ND 0.53	5.3	µg/Kg 1 4/21/2009 12:34 PM
sec-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/21/2009 12:34 PM
Styrene	ND 0.64	5.3	µg/Kg 1 4/21/2009 12:34 PM
tert-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/21/2009 12:34 PM
Tetrachloroethene	5.5 1.1	5.3	µg/Kg 1 4/21/2009 12:34 PM
Toluene	ND 0.59	5.3	µg/Kg 1 4/21/2009 12:34 PM
trans-1,2-Dichloroethene	ND 0.56	5.3	µg/Kg 1 4/21/2009 12:34 PM
Trichloroethene	ND 1.6	5.3	µg/Kg 1 4/21/2009 12:34 PM
Trichlorofluoromethane	ND 0.58	5.3	µg/Kg 1 4/21/2009 12:34 PM
Vinyl chloride	ND 0.44	5.3	µg/Kg 1 4/21/2009 12:34 PM
Surr: 1,2-Dichloroethane-d4	111 0	68-147	%REC 1 4/21/2009 12:34 PM
Surr: 4-Bromofluorobenzene	101 0	67-127	%REC 1 4/21/2009 12:34 PM
Surr: Dibromofluoromethane	107 0	72-141	%REC 1 4/21/2009 12:34 PM
Surr: Toluene-d8	112 0	75-120	%REC 1 4/21/2009 12:34 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-001E

Client Sample ID: 1001-101-2-S
Collection Date: 4/20/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.17	1.1	mg/Kg	1 4/21/2009 03:44 PM
Surr: Bromofluorobenzene (FID)	103	0	59-145	%REC	1 4/21/2009 03:44 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.22	1.1	mg/Kg	1 4/21/2009 03:44 PM
Surr: Bromofluorobenzene (FID)	103	0	59-145	%REC	1 4/21/2009 03:44 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002A

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 03:55 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Chromium	20	0.088	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Cobalt	8.1	0.014	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Copper	22	0.26	2.0	mg/Kg	1	4/27/2009 03:55 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Nickel	14	0.032	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Vanadium	49	0.019	1.0	mg/Kg	1	4/27/2009 03:55 PM	
Zinc	49	0.19	1.0	mg/Kg	1	4/27/2009 03:55 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 10:27 PM	
Surr: p-Terphenyl	83.9	0	57-144	%REC	1	4/23/2009 10:27 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 10:27 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 10:27 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 10:27 PM	
Surr: p-Terphenyl	83.9	0	57-144	%REC	1	4/23/2009 10:27 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002A

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 04:33 PM
Surr: Decachlorobiphenyl	83.9 0	30-124	%REC 1 4/22/2009 04:33 PM
Surr: Tetrachloro-m-xylene	104 0	40-118	%REC 1 4/22/2009 04:33 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 02:53 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 210	820	µg/Kg 2.5 4/21/2009 11:18 PM
1,2-Dichlorobenzene	ND 210	820	µg/Kg 2.5 4/21/2009 11:18 PM
1,3-Dichlorobenzene	ND 190	820	µg/Kg 2.5 4/21/2009 11:18 PM
1,4-Dichlorobenzene	ND 200	820	µg/Kg 2.5 4/21/2009 11:18 PM
2,4,5-Trichlorophenol	ND 140	820	µg/Kg 2.5 4/21/2009 11:18 PM
2,4,6-Trichlorophenol	ND 190	820	µg/Kg 2.5 4/21/2009 11:18 PM
2,4-Dichlorophenol	ND 220	4100	µg/Kg 2.5 4/21/2009 11:18 PM
2,4-Dimethylphenol	ND 220	820	µg/Kg 2.5 4/21/2009 11:18 PM
2,4-Dinitrophenol	ND 110	4100	µg/Kg 2.5 4/21/2009 11:18 PM
2,4-Dinitrotoluene	ND 170	820	µg/Kg 2.5 4/21/2009 11:18 PM
2,6-Dinitrotoluene	ND 170	820	µg/Kg 2.5 4/21/2009 11:18 PM
2-Chloronaphthalene	ND 170	820	µg/Kg 2.5 4/21/2009 11:18 PM
2-Chlorophenol	ND 220	820	µg/Kg 2.5 4/21/2009 11:18 PM
2-Methylnaphthalene	ND 200	820	µg/Kg 2.5 4/21/2009 11:18 PM
2-Methylphenol	ND 240	820	µg/Kg 2.5 4/21/2009 11:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002A

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP			
2-Nitroaniline	ND	200	4100	µg/Kg	2.5	4/21/2009 11:18 PM
2-Nitrophenol	ND	170	820	µg/Kg	2.5	4/21/2009 11:18 PM
3,3'-Dichlorobenzidine	ND	200	1600	µg/Kg	2.5	4/21/2009 11:18 PM
3-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/21/2009 11:18 PM
4,6-Dinitro-2-methylphenol	ND	160	4100	µg/Kg	2.5	4/21/2009 11:18 PM
4-Bromophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
4-Chloro-3-methylphenol	ND	190	1600	µg/Kg	2.5	4/21/2009 11:18 PM
4-Chloroaniline	ND	180	1600	µg/Kg	2.5	4/21/2009 11:18 PM
4-Chlorophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
4-Methylphenol	ND	200	820	µg/Kg	2.5	4/21/2009 11:18 PM
4-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/21/2009 11:18 PM
4-Nitrophenol	ND	180	4100	µg/Kg	2.5	4/21/2009 11:18 PM
Acenaphthene	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Acenaphthylene	ND	170	820	µg/Kg	2.5	4/21/2009 11:18 PM
Anthracene	ND	190	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzidine (M)	ND	180	4100	µg/Kg	2.5	4/21/2009 11:18 PM
Benzo(a)anthracene	ND	170	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzo(a)pyrene	ND	200	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzo(b)fluoranthene	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzo(g,h,i)perylene	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzo(k)fluoranthene	ND	240	820	µg/Kg	2.5	4/21/2009 11:18 PM
Benzoic acid	ND	160	4100	µg/Kg	2.5	4/21/2009 11:18 PM
Benzyl alcohol	ND	220	1600	µg/Kg	2.5	4/21/2009 11:18 PM
Bis(2-chloroethoxy)methane	ND	200	820	µg/Kg	2.5	4/21/2009 11:18 PM
Bis(2-chloroethyl)ether	ND	200	820	µg/Kg	2.5	4/21/2009 11:18 PM
Bis(2-chloroisopropyl)ether	ND	230	820	µg/Kg	2.5	4/21/2009 11:18 PM
Bis(2-ethylhexyl)phthalate	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Butylbenzylphthalate	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Chrysene	ND	200	820	µg/Kg	2.5	4/21/2009 11:18 PM
Di-n-butylphthalate	ND	190	820	µg/Kg	2.5	4/21/2009 11:18 PM
Di-n-octylphthalate	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Dibenz(a,h)anthracene	ND	210	820	µg/Kg	2.5	4/21/2009 11:18 PM
Dibenzofuran	ND	170	820	µg/Kg	2.5	4/21/2009 11:18 PM
Diethylphthalate	ND	180	820	µg/Kg	2.5	4/21/2009 11:18 PM
Dimethylphthalate	ND	170	820	µg/Kg	2.5	4/21/2009 11:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002A

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881			PrepDate: 4/21/2009	Analyst: DMP
Fluoranthene	ND	180	820	µg/Kg	2.5 4/21/2009 11:18 PM
Fluorene	ND	170	820	µg/Kg	2.5 4/21/2009 11:18 PM
Hexachlorobenzene	ND	190	820	µg/Kg	2.5 4/21/2009 11:18 PM
Hexachlorobutadiene	ND	190	1600	µg/Kg	2.5 4/21/2009 11:18 PM
Hexachlorocyclopentadiene	ND	200	1600	µg/Kg	2.5 4/21/2009 11:18 PM
Hexachloroethane	ND	200	820	µg/Kg	2.5 4/21/2009 11:18 PM
Indeno(1,2,3-cd)pyrene	ND	170	820	µg/Kg	2.5 4/21/2009 11:18 PM
Isophorone	ND	210	820	µg/Kg	2.5 4/21/2009 11:18 PM
N-Nitrosodi-n-propylamine	ND	200	820	µg/Kg	2.5 4/21/2009 11:18 PM
N-Nitrosodiphenylamine	ND	200	820	µg/Kg	2.5 4/21/2009 11:18 PM
Naphthalene	ND	210	820	µg/Kg	2.5 4/21/2009 11:18 PM
Nitrobenzene	ND	200	820	µg/Kg	2.5 4/21/2009 11:18 PM
Pentachlorophenol	ND	140	4100	µg/Kg	2.5 4/21/2009 11:18 PM
Phenanthrene	ND	190	820	µg/Kg	2.5 4/21/2009 11:18 PM
Phenol	ND	240	820	µg/Kg	2.5 4/21/2009 11:18 PM
Pyrene	ND	190	820	µg/Kg	2.5 4/21/2009 11:18 PM
Surr: 1,2-Dichlorobenzene-d4	83.0	0	49-103	%REC	2.5 4/21/2009 11:18 PM
Surr: 2,4,6-Tribromophenol	80.3	0	47-129	%REC	2.5 4/21/2009 11:18 PM
Surr: 2-Chlorophenol-d4	90.9	0	54-109	%REC	2.5 4/21/2009 11:18 PM
Surr: 2-Fluorobiphenyl	94.1	0	59-108	%REC	2.5 4/21/2009 11:18 PM
Surr: 2-Fluorophenol	90.9	0	50-111	%REC	2.5 4/21/2009 11:18 PM
Surr: 4-Terphenyl-d14	112	0	58-135	%REC	2.5 4/21/2009 11:18 PM
Surr: Nitrobenzene-d5	91.0	0	54-115	%REC	2.5 4/21/2009 11:18 PM
Surr: Phenol-d5	95.2	0	58-112	%REC	2.5 4/21/2009 11:18 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340			PrepDate:	Analyst: DDL
pH	8.0	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002B

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421A	QC Batch: T09VS102	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.97	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1,1-Trichloroethane	ND 1.4	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1,2,2-Tetrachloroethane	ND 3.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1,2-Trichloroethane	ND 1.3	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1-Dichloroethane	ND 0.62	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1-Dichloroethene	ND 0.45	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,1-Dichloropropene	ND 2.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2,3-Trichlorobenzene	ND 3.8	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2,3-Trichloropropane	ND 2.3	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2,4-Trichlorobenzene	ND 2.4	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2,4-Trimethylbenzene	ND 1.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2-Dibromo-3-chloropropane	ND 3.2	10	µg/Kg 1 4/21/2009 12:54 PM
1,2-Dibromoethane	ND 0.98	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2-Dichlorobenzene	ND 2.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2-Dichloroethane	ND 1.9	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,2-Dichloropropane	ND 1.6	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,3,5-Trimethylbenzene	ND 0.79	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,3-Dichlorobenzene	ND 1.7	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,3-Dichloropropane	ND 0.32	5.1	µg/Kg 1 4/21/2009 12:54 PM
1,4-Dichlorobenzene	ND 1.8	5.1	µg/Kg 1 4/21/2009 12:54 PM
2,2-Dichloropropane	ND 0.48	5.1	µg/Kg 1 4/21/2009 12:54 PM
2-Chlorotoluene	ND 0.90	5.1	µg/Kg 1 4/21/2009 12:54 PM
4-Chlorotoluene	ND 1.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
4-Isopropyltoluene	ND 1.1	5.1	µg/Kg 1 4/21/2009 12:54 PM
Benzene	ND 0.65	5.1	µg/Kg 1 4/21/2009 12:54 PM
Bromobenzene	ND 1.3	5.1	µg/Kg 1 4/21/2009 12:54 PM
Bromodichloromethane	ND 1.3	5.1	µg/Kg 1 4/21/2009 12:54 PM
Bromoform	ND 2.0	5.1	µg/Kg 1 4/21/2009 12:54 PM
Bromomethane	ND 0.69	5.1	µg/Kg 1 4/21/2009 12:54 PM
Carbon tetrachloride	ND 1.4	5.1	µg/Kg 1 4/21/2009 12:54 PM
Chlorobenzene	ND 0.66	5.1	µg/Kg 1 4/21/2009 12:54 PM
Chloroethane	ND 0.88	5.1	µg/Kg 1 4/21/2009 12:54 PM
Chloroform	ND 1.5	5.1	µg/Kg 1 4/21/2009 12:54 PM
Chloromethane	ND 0.38	5.1	µg/Kg 1 4/21/2009 12:54 PM
cis-1,2-Dichloroethene	ND 1.8	5.1	µg/Kg 1 4/21/2009 12:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002B

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421A	QC Batch: T09VS102	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.76	5.1	µg/Kg	1	4/21/2009 12:54 PM
Dibromochloromethane	ND	0.73	5.1	µg/Kg	1	4/21/2009 12:54 PM
Dibromomethane	ND	1.2	5.1	µg/Kg	1	4/21/2009 12:54 PM
Dichlorodifluoromethane	ND	0.55	5.1	µg/Kg	1	4/21/2009 12:54 PM
Ethylbenzene	ND	0.32	5.1	µg/Kg	1	4/21/2009 12:54 PM
Hexachlorobutadiene	ND	2.3	5.1	µg/Kg	1	4/21/2009 12:54 PM
Isopropylbenzene	ND	0.58	5.1	µg/Kg	1	4/21/2009 12:54 PM
m,p-Xylene	ND	0.70	10	µg/Kg	1	4/21/2009 12:54 PM
Methylene chloride	ND	5.1	5.1	µg/Kg	1	4/21/2009 12:54 PM
n-Butylbenzene	ND	1.2	5.1	µg/Kg	1	4/21/2009 12:54 PM
n-Propylbenzene	ND	0.69	5.1	µg/Kg	1	4/21/2009 12:54 PM
Naphthalene	ND	2.5	5.1	µg/Kg	1	4/21/2009 12:54 PM
o-Xylene	ND	0.51	5.1	µg/Kg	1	4/21/2009 12:54 PM
sec-Butylbenzene	ND	1.1	5.1	µg/Kg	1	4/21/2009 12:54 PM
Styrene	ND	0.61	5.1	µg/Kg	1	4/21/2009 12:54 PM
tert-Butylbenzene	ND	1.1	5.1	µg/Kg	1	4/21/2009 12:54 PM
Tetrachloroethene	22	1.1	5.1	µg/Kg	1	4/21/2009 12:54 PM
Toluene	ND	0.57	5.1	µg/Kg	1	4/21/2009 12:54 PM
trans-1,2-Dichloroethene	ND	0.54	5.1	µg/Kg	1	4/21/2009 12:54 PM
Trichloroethene	ND	1.5	5.1	µg/Kg	1	4/21/2009 12:54 PM
Trichlorofluoromethane	ND	0.56	5.1	µg/Kg	1	4/21/2009 12:54 PM
Vinyl chloride	ND	0.42	5.1	µg/Kg	1	4/21/2009 12:54 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/21/2009 12:54 PM
Surr: 4-Bromofluorobenzene	94.1	0	67-127	%REC	1	4/21/2009 12:54 PM
Surr: Dibromofluoromethane	109	0	72-141	%REC	1	4/21/2009 12:54 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/21/2009 12:54 PM

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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-002E

Client Sample ID: 1001-101-5-S
Collection Date: 4/20/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.17	1.1	mg/Kg
Surr: Bromofluorobenzene (FID)	86.1 0	59-145	%REC
			1 4/21/2009 04:15 PM
			1 4/21/2009 04:15 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.22	1.1	mg/Kg
Surr: Bromofluorobenzene (FID)	86.1 0	59-145	%REC
			1 4/21/2009 04:15 PM
			1 4/21/2009 04:15 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-003A

Client Sample ID: 1001-101-10-S
Collection Date: 4/20/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 03:57 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Barium	97	0.13	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Chromium	14	0.088	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Cobalt	5.8	0.014	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Copper	13	0.26	2.0	mg/Kg	1	4/27/2009 03:57 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Nickel	9.7	0.032	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Vanadium	38	0.019	1.0	mg/Kg	1	4/27/2009 03:57 PM	
Zinc	35	0.19	1.0	mg/Kg	1	4/27/2009 03:57 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	11	10	10	mg/Kg	1	4/23/2009 08:59 PM	
Surr: p-Terphenyl	88.3	0	57-144	%REC	1	4/23/2009 08:59 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 08:59 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 08:59 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 08:59 PM	
Surr: p-Terphenyl	88.3	0	57-144	%REC	1	4/23/2009 08:59 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-003A

Client Sample ID: 1001-101-10-S
Collection Date: 4/20/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 05:02 PM
Surr: Decachlorobiphenyl	74.9 0	30-124	%REC 1 4/22/2009 05:02 PM
Surr: Tetrachloro-m-xylene	90.6 0	40-118	%REC 1 4/22/2009 05:02 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 02:55 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/21/2009 07:12 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/21/2009 07:12 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/21/2009 07:12 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/21/2009 07:12 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/21/2009 07:12 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/21/2009 07:12 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/21/2009 07:12 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/21/2009 07:12 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/21/2009 07:12 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/21/2009 07:12 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/21/2009 07:12 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/21/2009 07:12 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/21/2009 07:12 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/21/2009 07:12 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/21/2009 07:12 PM

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Client Sample ID: 1001-101-10-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/21/2009 07:12 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/21/2009 07:12 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/21/2009 07:12 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/21/2009 07:12 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/21/2009 07:12 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/21/2009 07:12 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/21/2009 07:12 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/21/2009 07:12 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/21/2009 07:12 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/21/2009 07:12 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/21/2009 07:12 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/21/2009 07:12 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/21/2009 07:12 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/21/2009 07:12 PM
Anthracene	ND 76	330	µg/Kg 1 4/21/2009 07:12 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/21/2009 07:12 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/21/2009 07:12 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/21/2009 07:12 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/21/2009 07:12 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/21/2009 07:12 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/21/2009 07:12 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/21/2009 07:12 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/21/2009 07:12 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/21/2009 07:12 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/21/2009 07:12 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/21/2009 07:12 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/21/2009 07:12 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/21/2009 07:12 PM
Chrysene	ND 79	330	µg/Kg 1 4/21/2009 07:12 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/21/2009 07:12 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/21/2009 07:12 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/21/2009 07:12 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/21/2009 07:12 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/21/2009 07:12 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/21/2009 07:12 PM

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Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881			PrepDate: 4/21/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/21/2009 07:12 PM
Fluorene	ND	69	330	µg/Kg	1 4/21/2009 07:12 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/21/2009 07:12 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/21/2009 07:12 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/21/2009 07:12 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/21/2009 07:12 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/21/2009 07:12 PM
Isophorone	ND	85	330	µg/Kg	1 4/21/2009 07:12 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/21/2009 07:12 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/21/2009 07:12 PM
Naphthalene	ND	86	330	µg/Kg	1 4/21/2009 07:12 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/21/2009 07:12 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/21/2009 07:12 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/21/2009 07:12 PM
Phenol	ND	95	330	µg/Kg	1 4/21/2009 07:12 PM
Pyrene	ND	77	330	µg/Kg	1 4/21/2009 07:12 PM
Surr: 1,2-Dichlorobenzene-d4	81.4	0	49-103	%REC	1 4/21/2009 07:12 PM
Surr: 2,4,6-Tribromophenol	89.3	0	47-129	%REC	1 4/21/2009 07:12 PM
Surr: 2-Chlorophenol-d4	90.4	0	54-109	%REC	1 4/21/2009 07:12 PM
Surr: 2-Fluorobiphenyl	93.2	0	59-108	%REC	1 4/21/2009 07:12 PM
Surr: 2-Fluorophenol	89.3	0	50-111	%REC	1 4/21/2009 07:12 PM
Surr: 4-Terphenyl-d14	121	0	58-135	%REC	1 4/21/2009 07:12 PM
Surr: Nitrobenzene-d5	86.3	0	54-115	%REC	1 4/21/2009 07:12 PM
Surr: Phenol-d5	94.4	0	58-112	%REC	1 4/21/2009 07:12 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340			PrepDate:	Analyst: DDL
pH	7.8	0.10	0.10	pH Units	1 4/21/2009

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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090421A	QC Batch:	T09VS102	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.88	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1,1-Trichloroethane	ND	1.2	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1,2,2-Tetrachloroethane	ND	2.8	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1,2-Trichloroethane	ND	1.1	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1-Dichloroethane	ND	0.56	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1-Dichloroethene	ND	0.41	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,1-Dichloropropene	ND	1.9	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2,3-Trichlorobenzene	ND	3.4	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2,3-Trichloropropane	ND	2.1	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2,4-Trimethylbenzene	ND	0.95	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2-Dibromo-3-chloropropane	ND	2.9	9.1	µg/Kg	1	4/21/2009 01:14 PM	
1,2-Dibromoethane	ND	0.89	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2-Dichlorobenzene	ND	1.9	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2-Dichloroethane	ND	1.7	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,3,5-Trimethylbenzene	ND	0.71	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,3-Dichlorobenzene	ND	1.5	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,3-Dichloropropane	ND	0.29	4.6	µg/Kg	1	4/21/2009 01:14 PM	
1,4-Dichlorobenzene	ND	1.6	4.6	µg/Kg	1	4/21/2009 01:14 PM	
2,2-Dichloropropane	ND	0.44	4.6	µg/Kg	1	4/21/2009 01:14 PM	
2-Chlorotoluene	ND	0.81	4.6	µg/Kg	1	4/21/2009 01:14 PM	
4-Chlorotoluene	ND	1.0	4.6	µg/Kg	1	4/21/2009 01:14 PM	
4-Isopropyltoluene	ND	1.0	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Benzene	ND	0.58	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Bromobenzene	ND	1.2	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Bromodichloromethane	ND	1.2	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Bromoform	ND	1.8	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Bromomethane	ND	0.62	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Carbon tetrachloride	ND	1.3	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Chlorobenzene	ND	0.59	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Chloroethane	ND	0.79	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Chloroform	ND	1.4	4.6	µg/Kg	1	4/21/2009 01:14 PM	
Chloromethane	ND	0.35	4.6	µg/Kg	1	4/21/2009 01:14 PM	
cis-1,2-Dichloroethene	ND	1.6	4.6	µg/Kg	1	4/21/2009 01:14 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-003B

Client Sample ID: 1001-101-10-S
Collection Date: 4/20/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421A	QC Batch: T09VS102	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.68	4.6	µg/Kg	1	4/21/2009 01:14 PM
Dibromochloromethane	ND	0.66	4.6	µg/Kg	1	4/21/2009 01:14 PM
Dibromomethane	ND	1.1	4.6	µg/Kg	1	4/21/2009 01:14 PM
Dichlorodifluoromethane	ND	0.49	4.6	µg/Kg	1	4/21/2009 01:14 PM
Ethylbenzene	ND	0.29	4.6	µg/Kg	1	4/21/2009 01:14 PM
Hexachlorobutadiene	ND	2.0	4.6	µg/Kg	1	4/21/2009 01:14 PM
Isopropylbenzene	ND	0.52	4.6	µg/Kg	1	4/21/2009 01:14 PM
m,p-Xylene	ND	0.63	9.1	µg/Kg	1	4/21/2009 01:14 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/21/2009 01:14 PM
n-Butylbenzene	ND	1.1	4.6	µg/Kg	1	4/21/2009 01:14 PM
n-Propylbenzene	ND	0.62	4.6	µg/Kg	1	4/21/2009 01:14 PM
Naphthalene	ND	2.3	4.6	µg/Kg	1	4/21/2009 01:14 PM
o-Xylene	ND	0.46	4.6	µg/Kg	1	4/21/2009 01:14 PM
sec-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/21/2009 01:14 PM
Styrene	ND	0.55	4.6	µg/Kg	1	4/21/2009 01:14 PM
tert-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/21/2009 01:14 PM
Tetrachloroethene	ND	0.96	4.6	µg/Kg	1	4/21/2009 01:14 PM
Toluene	ND	0.51	4.6	µg/Kg	1	4/21/2009 01:14 PM
trans-1,2-Dichloroethene	ND	0.48	4.6	µg/Kg	1	4/21/2009 01:14 PM
Trichloroethene	ND	1.4	4.6	µg/Kg	1	4/21/2009 01:14 PM
Trichlorofluoromethane	ND	0.50	4.6	µg/Kg	1	4/21/2009 01:14 PM
Vinyl chloride	ND	0.38	4.6	µg/Kg	1	4/21/2009 01:14 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/21/2009 01:14 PM
Surr: 4-Bromofluorobenzene	102	0	67-127	%REC	1	4/21/2009 01:14 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/21/2009 01:14 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/21/2009 01:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-003E

Client Sample ID: 1001-101-10-S
Collection Date: 4/20/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.16	1.1	mg/Kg	1	4/21/2009 04:31 PM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC	1	4/21/2009 04:31 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.21	1.1	mg/Kg	1	4/21/2009 04:31 PM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC	1	4/21/2009 04:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-004A

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

RunID:	EPA 3050B			EPA 6010B		
	QC Batch:	54941		PrepDate:	4/23/2009	Analyst: CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:00 PM
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:00 PM
Barium	62	0.13	1.0	mg/Kg	1	4/27/2009 04:00 PM
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:00 PM
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:00 PM
Chromium	8.5	0.088	1.0	mg/Kg	1	4/27/2009 04:00 PM
Cobalt	3.8	0.014	1.0	mg/Kg	1	4/27/2009 04:00 PM
Copper	8.8	0.26	2.0	mg/Kg	1	4/27/2009 04:00 PM
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:00 PM
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:00 PM
Nickel	6.0	0.032	1.0	mg/Kg	1	4/27/2009 04:00 PM
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:00 PM
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:00 PM
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:00 PM
Vanadium	24	0.019	1.0	mg/Kg	1	4/27/2009 04:00 PM
Zinc	22	0.19	1.0	mg/Kg	1	4/27/2009 04:00 PM

HEXAVALENT CHROMIUM

RunID:	EPA 7196A		
WETCHEM3_090423B	QC Batch:	54986	PrepDate: 4/23/2009 Analyst: MFP
Chromium, Hexavalent	ND	0.074	0.10 mg/Kg 1 4/23/2009

DIESEL RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)		
GC16_090423E	QC Batch:	54918	PrepDate: 4/22/2009 Analyst: CBR
DRO	ND	10	10 mg/Kg 1 4/23/2009 09:09 PM
Surr: p-Terphenyl	85.8	0	57-144 %REC 1 4/23/2009 09:09 PM

HYDROCARBON CHAIN IDENTIFICATION

RunID:	EPA 8015B(M)		
GC16_090423E	QC Batch:	54918	PrepDate: 4/22/2009 Analyst: CBR
T/R Hydrocarbons: C13-C22	ND	10	10 mg/Kg 1 4/23/2009 09:09 PM
T/R Hydrocarbons: C23-C32	ND	10	10 mg/Kg 1 4/23/2009 09:09 PM
T/R Hydrocarbons:>C32	ND	10	10 mg/Kg 1 4/23/2009 09:09 PM
Surr: p-Terphenyl	85.8	0	57-144 %REC 1 4/23/2009 09:09 PM

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-004A

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090422A	QC Batch: 54915			PrepDate: 4/22/2009		Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 06:02 PM
Surr: Decachlorobiphenyl	79.4	0	30-124	%REC	1	4/22/2009 06:02 PM
Surr: Tetrachloro-m-xylene	98.1	0	40-118	%REC	1	4/22/2009 06:02 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:01 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090421A	QC Batch: 54881			PrepDate: 4/21/2009		Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/21/2009 07:39 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/21/2009 07:39 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/21/2009 07:39 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/21/2009 07:39 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/21/2009 07:39 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/21/2009 07:39 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/21/2009 07:39 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/21/2009 07:39 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/21/2009 07:39 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/21/2009 07:39 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/21/2009 07:39 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/21/2009 07:39 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/21/2009 07:39 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/21/2009 07:39 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/21/2009 07:39 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-004A

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/21/2009 07:39 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/21/2009 07:39 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/21/2009 07:39 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/21/2009 07:39 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/21/2009 07:39 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/21/2009 07:39 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/21/2009 07:39 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/21/2009 07:39 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/21/2009 07:39 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/21/2009 07:39 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/21/2009 07:39 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/21/2009 07:39 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/21/2009 07:39 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/21/2009 07:39 PM
Anthracene	ND	76	330	µg/Kg	1	4/21/2009 07:39 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/21/2009 07:39 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/21/2009 07:39 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/21/2009 07:39 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/21/2009 07:39 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/21/2009 07:39 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/21/2009 07:39 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/21/2009 07:39 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/21/2009 07:39 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/21/2009 07:39 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/21/2009 07:39 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/21/2009 07:39 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/21/2009 07:39 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/21/2009 07:39 PM
Chrysene	ND	79	330	µg/Kg	1	4/21/2009 07:39 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/21/2009 07:39 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/21/2009 07:39 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/21/2009 07:39 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/21/2009 07:39 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/21/2009 07:39 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/21/2009 07:39 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

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Lab ID: 105139-004A

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090421A	QC Batch: 54881	PrepDate: 4/21/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/21/2009 07:39 PM
Fluorene	ND	69	330	µg/Kg	1	4/21/2009 07:39 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/21/2009 07:39 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/21/2009 07:39 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/21/2009 07:39 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/21/2009 07:39 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/21/2009 07:39 PM
Isophorone	ND	85	330	µg/Kg	1	4/21/2009 07:39 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/21/2009 07:39 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/21/2009 07:39 PM
Naphthalene	ND	86	330	µg/Kg	1	4/21/2009 07:39 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/21/2009 07:39 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/21/2009 07:39 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/21/2009 07:39 PM
Phenol	ND	95	330	µg/Kg	1	4/21/2009 07:39 PM
Pyrene	ND	77	330	µg/Kg	1	4/21/2009 07:39 PM
Surr: 1,2-Dichlorobenzene-d4	75.9	0	49-103	%REC	1	4/21/2009 07:39 PM
Surr: 2,4,6-Tribromophenol	83.5	0	47-129	%REC	1	4/21/2009 07:39 PM
Surr: 2-Chlorophenol-d4	84.4	0	54-109	%REC	1	4/21/2009 07:39 PM
Surr: 2-Fluorobiphenyl	89.0	0	59-108	%REC	1	4/21/2009 07:39 PM
Surr: 2-Fluorophenol	82.9	0	50-111	%REC	1	4/21/2009 07:39 PM
Surr: 4-Terphenyl-d14	116	0	58-135	%REC	1	4/21/2009 07:39 PM
Surr: Nitrobenzene-d5	81.5	0	54-115	%REC	1	4/21/2009 07:39 PM
Surr: Phenol-d5	88.8	0	58-112	%REC	1	4/21/2009 07:39 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	8.3	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Project: 207126015
Lab ID: 105139-004C

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.98	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1,1-Trichloroethane	ND 1.4	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1,2,2-Tetrachloroethane	ND 3.2	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1,2-Trichloroethane	ND 1.3	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1-Dichloroethane	ND 0.62	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1-Dichloroethene	ND 0.46	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,1-Dichloropropene	ND 2.1	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2,3-Trichlorobenzene	ND 3.8	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2,3-Trichloropropane	ND 2.4	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2,4-Trichlorobenzene	ND 2.4	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2,4-Trimethylbenzene	ND 1.1	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2-Dibromo-3-chloropropane	ND 3.2	10	µg/Kg 1 4/22/2009 02:46 PM
1,2-Dibromoethane	ND 0.99	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2-Dichlorobenzene	ND 2.1	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2-Dichloroethane	ND 1.9	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,2-Dichloropropane	ND 1.6	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,3,5-Trimethylbenzene	ND 0.80	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,3-Dichlorobenzene	ND 1.7	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,3-Dichloropropane	ND 0.33	5.1	µg/Kg 1 4/22/2009 02:46 PM
1,4-Dichlorobenzene	ND 1.8	5.1	µg/Kg 1 4/22/2009 02:46 PM
2,2-Dichloropropane	ND 0.49	5.1	µg/Kg 1 4/22/2009 02:46 PM
2-Chlorotoluene	ND 0.91	5.1	µg/Kg 1 4/22/2009 02:46 PM
4-Chlorotoluene	ND 1.2	5.1	µg/Kg 1 4/22/2009 02:46 PM
4-Isopropyltoluene	ND 1.1	5.1	µg/Kg 1 4/22/2009 02:46 PM
Benzene	ND 0.65	5.1	µg/Kg 1 4/22/2009 02:46 PM
Bromobenzene	ND 1.3	5.1	µg/Kg 1 4/22/2009 02:46 PM
Bromodichloromethane	ND 1.3	5.1	µg/Kg 1 4/22/2009 02:46 PM
Bromoform	ND 2.0	5.1	µg/Kg 1 4/22/2009 02:46 PM
Bromomethane	ND 0.69	5.1	µg/Kg 1 4/22/2009 02:46 PM
Carbon tetrachloride	ND 1.4	5.1	µg/Kg 1 4/22/2009 02:46 PM
Chlorobenzene	ND 0.66	5.1	µg/Kg 1 4/22/2009 02:46 PM
Chloroethane	ND 0.89	5.1	µg/Kg 1 4/22/2009 02:46 PM
Chloroform	ND 1.5	5.1	µg/Kg 1 4/22/2009 02:46 PM
Chloromethane	ND 0.39	5.1	µg/Kg 1 4/22/2009 02:46 PM
cis-1,2-Dichloroethene	ND 1.8	5.1	µg/Kg 1 4/22/2009 02:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-004C

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.77	5.1	µg/Kg	1	4/22/2009 02:46 PM
Dibromochloromethane	ND	0.73	5.1	µg/Kg	1	4/22/2009 02:46 PM
Dibromomethane	ND	1.2	5.1	µg/Kg	1	4/22/2009 02:46 PM
Dichlorodifluoromethane	ND	0.55	5.1	µg/Kg	1	4/22/2009 02:46 PM
Ethylbenzene	ND	0.33	5.1	µg/Kg	1	4/22/2009 02:46 PM
Hexachlorobutadiene	ND	2.3	5.1	µg/Kg	1	4/22/2009 02:46 PM
Isopropylbenzene	ND	0.58	5.1	µg/Kg	1	4/22/2009 02:46 PM
m,p-Xylene	ND	0.70	10	µg/Kg	1	4/22/2009 02:46 PM
Methylene chloride	ND	5.1	5.1	µg/Kg	1	4/22/2009 02:46 PM
n-Butylbenzene	ND	1.2	5.1	µg/Kg	1	4/22/2009 02:46 PM
n-Propylbenzene	ND	0.69	5.1	µg/Kg	1	4/22/2009 02:46 PM
Naphthalene	ND	2.6	5.1	µg/Kg	1	4/22/2009 02:46 PM
o-Xylene	ND	0.51	5.1	µg/Kg	1	4/22/2009 02:46 PM
sec-Butylbenzene	ND	1.1	5.1	µg/Kg	1	4/22/2009 02:46 PM
Styrene	ND	0.61	5.1	µg/Kg	1	4/22/2009 02:46 PM
tert-Butylbenzene	ND	1.1	5.1	µg/Kg	1	4/22/2009 02:46 PM
Tetrachloroethene	ND	1.1	5.1	µg/Kg	1	4/22/2009 02:46 PM
Toluene	ND	0.57	5.1	µg/Kg	1	4/22/2009 02:46 PM
trans-1,2-Dichloroethene	ND	0.54	5.1	µg/Kg	1	4/22/2009 02:46 PM
Trichloroethene	ND	1.6	5.1	µg/Kg	1	4/22/2009 02:46 PM
Trichlorofluoromethane	ND	0.56	5.1	µg/Kg	1	4/22/2009 02:46 PM
Vinyl chloride	ND	0.43	5.1	µg/Kg	1	4/22/2009 02:46 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/22/2009 02:46 PM
Surr: 4-Bromofluorobenzene	106	0	67-127	%REC	1	4/22/2009 02:46 PM
Surr: Dibromofluoromethane	116	0	72-141	%REC	1	4/22/2009 02:46 PM
Surr: Toluene-d8	120	0	75-120	%REC	1	4/22/2009 02:46 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-004E

Client Sample ID: 1001-101-20-S
Collection Date: 4/20/2009 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.17	1.2	mg/Kg	1	4/21/2009 04:47 PM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC	1	4/21/2009 04:47 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.23	1.2	mg/Kg	1	4/21/2009 04:47 PM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC	1	4/21/2009 04:47 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-005A

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:02 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Barium	170	0.13	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Chromium	24	0.088	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Copper	27	0.26	2.0	mg/Kg	1	4/27/2009 04:02 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Nickel	19	0.032	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Vanadium	57	0.019	1.0	mg/Kg	1	4/27/2009 04:02 PM	
Zinc	85	0.19	1.0	mg/Kg	1	4/27/2009 04:02 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.15	0.20	mg/Kg	2	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	14	10	10	mg/Kg	1	4/23/2009 10:36 PM	
Surr: p-Terphenyl	94.0	0	57-144	%REC	1	4/23/2009 10:36 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 10:36 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 10:36 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 10:36 PM	
Surr: p-Terphenyl	94.0	0	57-144	%REC	1	4/23/2009 10:36 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-005A

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090422A	QC Batch: 54915			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 06:32 PM	
Surr: Decachlorobiphenyl	81.5	0	30-124	%REC	1	4/22/2009 06:32 PM	
Surr: Tetrachloro-m-xylene	100	0	40-118	%REC	1	4/22/2009 06:32 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090422C	QC Batch: 54900			PrepDate:	4/22/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:03 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422A	QC Batch: 54911			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/22/2009 05:16 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/22/2009 05:16 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/22/2009 05:16 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/22/2009 05:16 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/22/2009 05:16 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/22/2009 05:16 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/22/2009 05:16 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/22/2009 05:16 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/22/2009 05:16 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 05:16 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 05:16 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/22/2009 05:16 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/22/2009 05:16 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/22/2009 05:16 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/22/2009 05:16 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-005A

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 05:16 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 05:16 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 05:16 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 05:16 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 05:16 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 05:16 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 05:16 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 05:16 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 05:16 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 05:16 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 05:16 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 05:16 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 05:16 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 05:16 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 05:16 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 05:16 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 05:16 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 05:16 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 05:16 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 05:16 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 05:16 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 05:16 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 05:16 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 05:16 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 05:16 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 05:16 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 05:16 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 05:16 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 05:16 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 05:16 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 05:16 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 05:16 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 05:16 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 05:16 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 05:16 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-005A

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 05:16 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 05:16 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 05:16 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 05:16 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 05:16 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 05:16 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 05:16 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 05:16 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 05:16 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 05:16 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 05:16 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 05:16 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 05:16 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 05:16 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 05:16 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 05:16 PM
Surr: 1,2-Dichlorobenzene-d4	80.9	0	49-103	%REC	1	4/22/2009 05:16 PM
Surr: 2,4,6-Tribromophenol	94.2	0	47-129	%REC	1	4/22/2009 05:16 PM
Surr: 2-Chlorophenol-d4	91.2	0	54-109	%REC	1	4/22/2009 05:16 PM
Surr: 2-Fluorobiphenyl	93.1	0	59-108	%REC	1	4/22/2009 05:16 PM
Surr: 2-Fluorophenol	89.4	0	50-111	%REC	1	4/22/2009 05:16 PM
Surr: 4-Terphenyl-d14	115	0	58-135	%REC	1	4/22/2009 05:16 PM
Surr: Nitrobenzene-d5	86.6	0	54-115	%REC	1	4/22/2009 05:16 PM
Surr: Phenol-d5	94.2	0	58-112	%REC	1	4/22/2009 05:16 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	8.4	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-005B

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.2	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1,1-Trichloroethane	ND 1.7	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1,2,2-Tetrachloroethane	ND 3.8	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1,2-Trichloroethane	ND 1.5	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1-Dichloroethane	ND 0.75	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1-Dichloroethene	ND 0.56	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,1-Dichloropropene	ND 2.6	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2,3-Trichlorobenzene	ND 4.6	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2,3-Trichloropropane	ND 2.9	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2,4-Trichlorobenzene	ND 2.9	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2,4-Trimethylbenzene	ND 1.3	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2-Dibromo-3-chloropropane	ND 3.9	12	µg/Kg 1 4/21/2009 05:32 PM
1,2-Dibromoethane	ND 1.2	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2-Dichlorobenzene	ND 2.6	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2-Dichloroethane	ND 2.3	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,2-Dichloropropane	ND 1.9	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,3,5-Trimethylbenzene	ND 0.97	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,3-Dichlorobenzene	ND 2.1	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,3-Dichloropropane	ND 0.40	6.2	µg/Kg 1 4/21/2009 05:32 PM
1,4-Dichlorobenzene	ND 2.2	6.2	µg/Kg 1 4/21/2009 05:32 PM
2,2-Dichloropropane	ND 0.59	6.2	µg/Kg 1 4/21/2009 05:32 PM
2-Chlorotoluene	ND 1.1	6.2	µg/Kg 1 4/21/2009 05:32 PM
4-Chlorotoluene	ND 1.4	6.2	µg/Kg 1 4/21/2009 05:32 PM
4-Isopropyltoluene	ND 1.4	6.2	µg/Kg 1 4/21/2009 05:32 PM
Benzene	ND 0.79	6.2	µg/Kg 1 4/21/2009 05:32 PM
Bromobenzene	ND 1.6	6.2	µg/Kg 1 4/21/2009 05:32 PM
Bromodichloromethane	ND 1.6	6.2	µg/Kg 1 4/21/2009 05:32 PM
Bromoform	ND 2.4	6.2	µg/Kg 1 4/21/2009 05:32 PM
Bromomethane	ND 0.84	6.2	µg/Kg 1 4/21/2009 05:32 PM
Carbon tetrachloride	ND 1.7	6.2	µg/Kg 1 4/21/2009 05:32 PM
Chlorobenzene	ND 0.80	6.2	µg/Kg 1 4/21/2009 05:32 PM
Chloroethane	ND 1.1	6.2	µg/Kg 1 4/21/2009 05:32 PM
Chloroform	ND 1.8	6.2	µg/Kg 1 4/21/2009 05:32 PM
Chloromethane	ND 0.47	6.2	µg/Kg 1 4/21/2009 05:32 PM
cis-1,2-Dichloroethene	ND 2.2	6.2	µg/Kg 1 4/21/2009 05:32 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-005B

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.93	6.2	µg/Kg	1	4/21/2009 05:32 PM
Dibromochloromethane	ND	0.89	6.2	µg/Kg	1	4/21/2009 05:32 PM
Dibromomethane	ND	1.5	6.2	µg/Kg	1	4/21/2009 05:32 PM
Dichlorodifluoromethane	ND	0.67	6.2	µg/Kg	1	4/21/2009 05:32 PM
Ethylbenzene	ND	0.40	6.2	µg/Kg	1	4/21/2009 05:32 PM
Hexachlorobutadiene	ND	2.8	6.2	µg/Kg	1	4/21/2009 05:32 PM
Isopropylbenzene	ND	0.71	6.2	µg/Kg	1	4/21/2009 05:32 PM
m,p-Xylene	ND	0.85	12	µg/Kg	1	4/21/2009 05:32 PM
Methylene chloride	ND	6.2	6.2	µg/Kg	1	4/21/2009 05:32 PM
n-Butylbenzene	ND	1.5	6.2	µg/Kg	1	4/21/2009 05:32 PM
n-Propylbenzene	ND	0.84	6.2	µg/Kg	1	4/21/2009 05:32 PM
Naphthalene	ND	3.1	6.2	µg/Kg	1	4/21/2009 05:32 PM
o-Xylene	ND	0.62	6.2	µg/Kg	1	4/21/2009 05:32 PM
sec-Butylbenzene	ND	1.3	6.2	µg/Kg	1	4/21/2009 05:32 PM
Styrene	ND	0.74	6.2	µg/Kg	1	4/21/2009 05:32 PM
tert-Butylbenzene	ND	1.3	6.2	µg/Kg	1	4/21/2009 05:32 PM
Tetrachloroethene	18	1.3	6.2	µg/Kg	1	4/21/2009 05:32 PM
Toluene	ND	0.69	6.2	µg/Kg	1	4/21/2009 05:32 PM
trans-1,2-Dichloroethene	ND	0.66	6.2	µg/Kg	1	4/21/2009 05:32 PM
Trichloroethene	ND	1.9	6.2	µg/Kg	1	4/21/2009 05:32 PM
Trichlorofluoromethane	ND	0.68	6.2	µg/Kg	1	4/21/2009 05:32 PM
Vinyl chloride	ND	0.52	6.2	µg/Kg	1	4/21/2009 05:32 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/21/2009 05:32 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/21/2009 05:32 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/21/2009 05:32 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/21/2009 05:32 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-005E

Client Sample ID: 1001-102-2-S
Collection Date: 4/20/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.16	1.1	mg/Kg	1	4/21/2009 06:06 PM
Surr: Bromofluorobenzene (FID)	98.3 0	59-145	%REC	1	4/21/2009 06:06 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.22	1.1	mg/Kg	1	4/21/2009 06:06 PM
Surr: Bromofluorobenzene (FID)	98.3 0	59-145	%REC	1	4/21/2009 06:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-006A

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:05 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Barium	110	0.13	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Chromium	16	0.088	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Cobalt	6.6	0.014	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Copper	17	0.26	2.0	mg/Kg	1	4/27/2009 04:05 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Nickel	12	0.032	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Vanadium	42	0.019	1.0	mg/Kg	1	4/27/2009 04:05 PM	
Zinc	36	0.19	1.0	mg/Kg	1	4/27/2009 04:05 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 09:18 PM	
Surr: p-Terphenyl	78.2	0	57-144	%REC	1	4/23/2009 09:18 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 09:18 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 09:18 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 09:18 PM	
Surr: p-Terphenyl	78.2	0	57-144	%REC	1	4/23/2009 09:18 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Project: 207126015
Lab ID: 105139-006A

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090422A	QC Batch: 54915			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 07:02 PM	
Surr: Decachlorobiphenyl	78.6	0	30-124	%REC	1	4/22/2009 07:02 PM	
Surr: Tetrachloro-m-xylene	88.1	0	40-118	%REC	1	4/22/2009 07:02 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090422C	QC Batch: 54900	PrepDate:	4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/22/2009 03:05 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422A	QC Batch: 54911			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/22/2009 05:44 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/22/2009 05:44 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/22/2009 05:44 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/22/2009 05:44 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/22/2009 05:44 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/22/2009 05:44 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/22/2009 05:44 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/22/2009 05:44 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/22/2009 05:44 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 05:44 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 05:44 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/22/2009 05:44 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/22/2009 05:44 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/22/2009 05:44 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/22/2009 05:44 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-006A

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 05:44 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 05:44 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 05:44 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 05:44 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 05:44 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 05:44 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 05:44 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 05:44 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 05:44 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 05:44 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 05:44 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 05:44 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 05:44 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 05:44 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 05:44 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 05:44 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 05:44 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 05:44 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 05:44 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 05:44 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 05:44 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 05:44 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 05:44 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 05:44 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 05:44 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 05:44 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 05:44 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 05:44 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 05:44 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 05:44 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 05:44 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 05:44 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 05:44 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 05:44 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 05:44 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
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DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-006A

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 05:44 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 05:44 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 05:44 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 05:44 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 05:44 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 05:44 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 05:44 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 05:44 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 05:44 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 05:44 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 05:44 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 05:44 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 05:44 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 05:44 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 05:44 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 05:44 PM
Surr: 1,2-Dichlorobenzene-d4	67.4	0	49-103	%REC	1	4/22/2009 05:44 PM
Surr: 2,4,6-Tribromophenol	83.8	0	47-129	%REC	1	4/22/2009 05:44 PM
Surr: 2-Chlorophenol-d4	75.5	0	54-109	%REC	1	4/22/2009 05:44 PM
Surr: 2-Fluorobiphenyl	79.6	0	59-108	%REC	1	4/22/2009 05:44 PM
Surr: 2-Fluorophenol	73.9	0	50-111	%REC	1	4/22/2009 05:44 PM
Surr: 4-Terphenyl-d14	110	0	58-135	%REC	1	4/22/2009 05:44 PM
Surr: Nitrobenzene-d5	73.3	0	54-115	%REC	1	4/22/2009 05:44 PM
Surr: Phenol-d5	79.7	0	58-112	%REC	1	4/22/2009 05:44 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	8.4	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.84	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1,1-Trichloroethane	ND 1.2	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1,2,2-Tetrachloroethane	ND 2.7	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1,2-Trichloroethane	ND 1.1	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1-Dichloroethane	ND 0.54	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1-Dichloroethene	ND 0.39	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,1-Dichloropropene	ND 1.8	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2,3-Trichlorobenzene	ND 3.3	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2,3-Trichloropropane	ND 2.0	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2,4-Trichlorobenzene	ND 2.1	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2,4-Trimethylbenzene	ND 0.91	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2-Dibromo-3-chloropropane	ND 2.8	8.8	µg/Kg 1 4/21/2009 05:51 PM
1,2-Dibromoethane	ND 0.85	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2-Dichlorobenzene	ND 1.8	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2-Dichloroethane	ND 1.6	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,3,5-Trimethylbenzene	ND 0.68	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,3-Dichlorobenzene	ND 1.5	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,3-Dichloropropane	ND 0.28	4.4	µg/Kg 1 4/21/2009 05:51 PM
1,4-Dichlorobenzene	ND 1.6	4.4	µg/Kg 1 4/21/2009 05:51 PM
2,2-Dichloropropane	ND 0.42	4.4	µg/Kg 1 4/21/2009 05:51 PM
2-Chlorotoluene	ND 0.78	4.4	µg/Kg 1 4/21/2009 05:51 PM
4-Chlorotoluene	ND 0.99	4.4	µg/Kg 1 4/21/2009 05:51 PM
4-Isopropyltoluene	ND 0.97	4.4	µg/Kg 1 4/21/2009 05:51 PM
Benzene	ND 0.56	4.4	µg/Kg 1 4/21/2009 05:51 PM
Bromobenzene	ND 1.1	4.4	µg/Kg 1 4/21/2009 05:51 PM
Bromodichloromethane	ND 1.2	4.4	µg/Kg 1 4/21/2009 05:51 PM
Bromoform	ND 1.7	4.4	µg/Kg 1 4/21/2009 05:51 PM
Bromomethane	ND 0.60	4.4	µg/Kg 1 4/21/2009 05:51 PM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/21/2009 05:51 PM
Chlorobenzene	ND 0.57	4.4	µg/Kg 1 4/21/2009 05:51 PM
Chloroethane	ND 0.76	4.4	µg/Kg 1 4/21/2009 05:51 PM
Chloroform	ND 1.3	4.4	µg/Kg 1 4/21/2009 05:51 PM
Chloromethane	ND 0.33	4.4	µg/Kg 1 4/21/2009 05:51 PM
cis-1,2-Dichloroethene	ND 1.6	4.4	µg/Kg 1 4/21/2009 05:51 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-006B

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.66	4.4	µg/Kg	1	4/21/2009 05:51 PM
Dibromochloromethane	ND	0.63	4.4	µg/Kg	1	4/21/2009 05:51 PM
Dibromomethane	ND	1.0	4.4	µg/Kg	1	4/21/2009 05:51 PM
Dichlorodifluoromethane	ND	0.47	4.4	µg/Kg	1	4/21/2009 05:51 PM
Ethylbenzene	ND	0.28	4.4	µg/Kg	1	4/21/2009 05:51 PM
Hexachlorobutadiene	ND	2.0	4.4	µg/Kg	1	4/21/2009 05:51 PM
Isopropylbenzene	ND	0.50	4.4	µg/Kg	1	4/21/2009 05:51 PM
m,p-Xylene	ND	0.61	8.8	µg/Kg	1	4/21/2009 05:51 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/21/2009 05:51 PM
n-Butylbenzene	ND	1.1	4.4	µg/Kg	1	4/21/2009 05:51 PM
n-Propylbenzene	ND	0.60	4.4	µg/Kg	1	4/21/2009 05:51 PM
Naphthalene	ND	2.2	4.4	µg/Kg	1	4/21/2009 05:51 PM
o-Xylene	ND	0.44	4.4	µg/Kg	1	4/21/2009 05:51 PM
sec-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/21/2009 05:51 PM
Styrene	ND	0.53	4.4	µg/Kg	1	4/21/2009 05:51 PM
tert-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/21/2009 05:51 PM
Tetrachloroethene	ND	0.92	4.4	µg/Kg	1	4/21/2009 05:51 PM
Toluene	ND	0.49	4.4	µg/Kg	1	4/21/2009 05:51 PM
trans-1,2-Dichloroethene	ND	0.46	4.4	µg/Kg	1	4/21/2009 05:51 PM
Trichloroethene	ND	1.3	4.4	µg/Kg	1	4/21/2009 05:51 PM
Trichlorofluoromethane	ND	0.48	4.4	µg/Kg	1	4/21/2009 05:51 PM
Vinyl chloride	ND	0.37	4.4	µg/Kg	1	4/21/2009 05:51 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/21/2009 05:51 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/21/2009 05:51 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/21/2009 05:51 PM
Surr: Toluene-d8	114	0	75-120	%REC	1	4/21/2009 05:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-006E

Client Sample ID: 1001-102-5-S
Collection Date: 4/20/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.14	0.91	mg/Kg	1	4/21/2009 06:22 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/21/2009 06:22 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.91	mg/Kg	1	4/21/2009 06:22 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/21/2009 06:22 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-007A

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:08 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Barium	120	0.13	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Chromium	17	0.088	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Cobalt	5.9	0.014	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Copper	13	0.26	2.0	mg/Kg	1	4/27/2009 04:08 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Molybdenum	1.6	0.043	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Nickel	9.6	0.032	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Vanadium	41	0.019	1.0	mg/Kg	1	4/27/2009 04:08 PM	
Zinc	35	0.19	1.0	mg/Kg	1	4/27/2009 04:08 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 09:27 PM	
Surr: p-Terphenyl	88.0	0	57-144	%REC	1	4/23/2009 09:27 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 09:27 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 09:27 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 09:27 PM	
Surr: p-Terphenyl	88.0	0	57-144	%REC	1	4/23/2009 09:27 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-007A

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 07:31 PM
Surr: Decachlorobiphenyl	73.0 0	30-124	%REC 1 4/22/2009 07:31 PM
Surr: Tetrachloro-m-xylene	80.2 0	40-118	%REC 1 4/22/2009 07:31 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:07 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 06:11 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 06:11 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 06:11 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 06:11 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 06:11 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 06:11 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 06:11 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 06:11 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 06:11 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 06:11 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 06:11 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 06:11 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 06:11 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 06:11 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 06:11 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-007A

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 06:11 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 06:11 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 06:11 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 06:11 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 06:11 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 06:11 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 06:11 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 06:11 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 06:11 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 06:11 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 06:11 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 06:11 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 06:11 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 06:11 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 06:11 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 06:11 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 06:11 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 06:11 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 06:11 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 06:11 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 06:11 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 06:11 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 06:11 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 06:11 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 06:11 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 06:11 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 06:11 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 06:11 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 06:11 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 06:11 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 06:11 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 06:11 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 06:11 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 06:11 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 06:11 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-007A

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 06:11 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 06:11 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 06:11 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 06:11 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 06:11 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 06:11 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 06:11 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 06:11 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 06:11 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 06:11 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 06:11 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 06:11 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 06:11 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 06:11 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 06:11 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 06:11 PM
Surr: 1,2-Dichlorobenzene-d4	82.2	0	49-103	%REC	1	4/22/2009 06:11 PM
Surr: 2,4,6-Tribromophenol	91.8	0	47-129	%REC	1	4/22/2009 06:11 PM
Surr: 2-Chlorophenol-d4	92.7	0	54-109	%REC	1	4/22/2009 06:11 PM
Surr: 2-Fluorobiphenyl	93.0	0	59-108	%REC	1	4/22/2009 06:11 PM
Surr: 2-Fluorophenol	91.4	0	50-111	%REC	1	4/22/2009 06:11 PM
Surr: 4-Terphenyl-d14	119	0	58-135	%REC	1	4/22/2009 06:11 PM
Surr: Nitrobenzene-d5	88.4	0	54-115	%REC	1	4/22/2009 06:11 PM
Surr: Phenol-d5	96.6	0	58-112	%REC	1	4/22/2009 06:11 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	8.8	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Lab Order: 105139
Project: 207126015
Lab ID: 105139-007C

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.1	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1,1-Trichloroethane	ND 1.5	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1,2,2-Tetrachloroethane	ND 3.4	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1,2-Trichloroethane	ND 1.4	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1-Dichloroethane	ND 0.67	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1-Dichloroethene	ND 0.50	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,1-Dichloropropene	ND 2.3	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2,3-Trichlorobenzene	ND 4.1	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2,3-Trichloropropane	ND 2.6	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2,4-Trichlorobenzene	ND 2.6	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2,4-Trimethylbenzene	ND 1.2	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2-Dibromo-3-chloropropane	ND 3.5	11	µg/Kg 1 4/22/2009 03:06 PM
1,2-Dibromoethane	ND 1.1	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2-Dichlorobenzene	ND 2.3	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2-Dichloroethane	ND 2.0	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,2-Dichloropropane	ND 1.7	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,3,5-Trimethylbenzene	ND 0.86	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,3-Dichlorobenzene	ND 1.9	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,3-Dichloropropane	ND 0.35	5.5	µg/Kg 1 4/22/2009 03:06 PM
1,4-Dichlorobenzene	ND 2.0	5.5	µg/Kg 1 4/22/2009 03:06 PM
2,2-Dichloropropane	ND 0.53	5.5	µg/Kg 1 4/22/2009 03:06 PM
2-Chlorotoluene	ND 0.98	5.5	µg/Kg 1 4/22/2009 03:06 PM
4-Chlorotoluene	ND 1.2	5.5	µg/Kg 1 4/22/2009 03:06 PM
4-Isopropyltoluene	ND 1.2	5.5	µg/Kg 1 4/22/2009 03:06 PM
Benzene	ND 0.71	5.5	µg/Kg 1 4/22/2009 03:06 PM
Bromobenzene	ND 1.4	5.5	µg/Kg 1 4/22/2009 03:06 PM
Bromodichloromethane	ND 1.5	5.5	µg/Kg 1 4/22/2009 03:06 PM
Bromoform	ND 2.2	5.5	µg/Kg 1 4/22/2009 03:06 PM
Bromomethane	ND 0.75	5.5	µg/Kg 1 4/22/2009 03:06 PM
Carbon tetrachloride	ND 1.5	5.5	µg/Kg 1 4/22/2009 03:06 PM
Chlorobenzene	ND 0.72	5.5	µg/Kg 1 4/22/2009 03:06 PM
Chloroethane	ND 0.96	5.5	µg/Kg 1 4/22/2009 03:06 PM
Chloroform	ND 1.6	5.5	µg/Kg 1 4/22/2009 03:06 PM
Chloromethane	ND 0.42	5.5	µg/Kg 1 4/22/2009 03:06 PM
cis-1,2-Dichloroethene	ND 2.0	5.5	µg/Kg 1 4/22/2009 03:06 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-007C

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.83	5.5	µg/Kg	1	4/22/2009 03:06 PM
Dibromochloromethane	ND	0.80	5.5	µg/Kg	1	4/22/2009 03:06 PM
Dibromomethane	ND	1.3	5.5	µg/Kg	1	4/22/2009 03:06 PM
Dichlorodifluoromethane	ND	0.60	5.5	µg/Kg	1	4/22/2009 03:06 PM
Ethylbenzene	ND	0.35	5.5	µg/Kg	1	4/22/2009 03:06 PM
Hexachlorobutadiene	ND	2.5	5.5	µg/Kg	1	4/22/2009 03:06 PM
Isopropylbenzene	ND	0.63	5.5	µg/Kg	1	4/22/2009 03:06 PM
m,p-Xylene	ND	0.76	11	µg/Kg	1	4/22/2009 03:06 PM
Methylene chloride	ND	5.5	5.5	µg/Kg	1	4/22/2009 03:06 PM
n-Butylbenzene	ND	1.3	5.5	µg/Kg	1	4/22/2009 03:06 PM
n-Propylbenzene	ND	0.75	5.5	µg/Kg	1	4/22/2009 03:06 PM
Naphthalene	ND	2.8	5.5	µg/Kg	1	4/22/2009 03:06 PM
o-Xylene	ND	0.55	5.5	µg/Kg	1	4/22/2009 03:06 PM
sec-Butylbenzene	ND	1.2	5.5	µg/Kg	1	4/22/2009 03:06 PM
Styrene	ND	0.66	5.5	µg/Kg	1	4/22/2009 03:06 PM
tert-Butylbenzene	ND	1.2	5.5	µg/Kg	1	4/22/2009 03:06 PM
Tetrachloroethene	ND	1.2	5.5	µg/Kg	1	4/22/2009 03:06 PM
Toluene	ND	0.62	5.5	µg/Kg	1	4/22/2009 03:06 PM
trans-1,2-Dichloroethene	ND	0.59	5.5	µg/Kg	1	4/22/2009 03:06 PM
Trichloroethene	ND	1.7	5.5	µg/Kg	1	4/22/2009 03:06 PM
Trichlorofluoromethane	ND	0.61	5.5	µg/Kg	1	4/22/2009 03:06 PM
Vinyl chloride	ND	0.46	5.5	µg/Kg	1	4/22/2009 03:06 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/22/2009 03:06 PM
Surr: 4-Bromofluorobenzene	106	0	67-127	%REC	1	4/22/2009 03:06 PM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/22/2009 03:06 PM
Surr: Toluene-d8	122	0	75-120	S %REC	1	4/22/2009 03:06 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-007E

Client Sample ID: 1001-102-10-S
Collection Date: 4/20/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.18	1.2	mg/Kg	1	4/21/2009 06:37 PM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/21/2009 06:37 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.23	1.2	mg/Kg	1	4/21/2009 06:37 PM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/21/2009 06:37 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008A

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:10 PM	
Arsenic	1.1	0.27	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Barium	170	0.13	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Chromium	23	0.088	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Copper	28	0.26	2.0	mg/Kg	1	4/27/2009 04:10 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Nickel	18	0.032	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Vanadium	57	0.019	1.0	mg/Kg	1	4/27/2009 04:10 PM	
Zinc	55	0.19	1.0	mg/Kg	1	4/27/2009 04:10 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 10:08 PM	
Surr: p-Terphenyl	86.5	0	57-144	%REC	1	4/23/2009 10:08 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 10:08 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 10:08 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 10:08 PM	
Surr: p-Terphenyl	86.5	0	57-144	%REC	1	4/23/2009 10:08 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008A

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 08:01 PM
Surr: Decachlorobiphenyl	78.2 0	30-124	%REC 1 4/22/2009 08:01 PM
Surr: Tetrachloro-m-xylene	88.7 0	40-118	%REC 1 4/22/2009 08:01 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:09 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 04:49 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 04:49 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 04:49 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 04:49 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 04:49 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 04:49 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 04:49 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 04:49 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 04:49 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 04:49 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 04:49 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 04:49 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 04:49 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 04:49 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 04:49 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008A

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/22/2009 04:49 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/22/2009 04:49 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/22/2009 04:49 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 04:49 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/22/2009 04:49 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/22/2009 04:49 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/22/2009 04:49 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/22/2009 04:49 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/22/2009 04:49 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/22/2009 04:49 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 04:49 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/22/2009 04:49 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/22/2009 04:49 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/22/2009 04:49 PM
Anthracene	ND 76	330	µg/Kg 1 4/22/2009 04:49 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/22/2009 04:49 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/22/2009 04:49 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/22/2009 04:49 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/22/2009 04:49 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/22/2009 04:49 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/22/2009 04:49 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/22/2009 04:49 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/22/2009 04:49 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/22/2009 04:49 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/22/2009 04:49 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/22/2009 04:49 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/22/2009 04:49 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/22/2009 04:49 PM
Chrysene	ND 79	330	µg/Kg 1 4/22/2009 04:49 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/22/2009 04:49 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/22/2009 04:49 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/22/2009 04:49 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/22/2009 04:49 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/22/2009 04:49 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/22/2009 04:49 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-008A

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 04:49 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 04:49 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 04:49 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 04:49 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 04:49 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 04:49 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 04:49 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 04:49 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 04:49 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 04:49 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 04:49 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 04:49 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 04:49 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 04:49 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 04:49 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 04:49 PM
Surr: 1,2-Dichlorobenzene-d4	86.4	0	49-103	%REC	1	4/22/2009 04:49 PM
Surr: 2,4,6-Tribromophenol	101	0	47-129	%REC	1	4/22/2009 04:49 PM
Surr: 2-Chlorophenol-d4	98.2	0	54-109	%REC	1	4/22/2009 04:49 PM
Surr: 2-Fluorobiphenyl	100	0	59-108	%REC	1	4/22/2009 04:49 PM
Surr: 2-Fluorophenol	96.1	0	50-111	%REC	1	4/22/2009 04:49 PM
Surr: 4-Terphenyl-d14	125	0	58-135	%REC	1	4/22/2009 04:49 PM
Surr: Nitrobenzene-d5	93.0	0	54-115	%REC	1	4/22/2009 04:49 PM
Surr: Phenol-d5	101	0	58-112	%REC	1	4/22/2009 04:49 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008B

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.86	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1,1-Trichloroethane	ND 1.2	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1,2,2-Tetrachloroethane	ND 2.8	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1,2-Trichloroethane	ND 1.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1-Dichloroethane	ND 0.55	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1-Dichloroethene	ND 0.40	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,1-Dichloropropene	ND 1.9	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2,3-Trichlorobenzene	ND 3.3	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2,3-Trichloropropane	ND 2.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2,4-Trichlorobenzene	ND 2.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2,4-Trimethylbenzene	ND 0.93	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2-Dibromo-3-chloropropane	ND 2.8	9.0	µg/Kg 1 4/21/2009 06:31 PM
1,2-Dibromoethane	ND 0.87	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2-Dichlorobenzene	ND 1.9	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2-Dichloroethane	ND 1.7	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,2-Dichloropropane	ND 1.4	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,3,5-Trimethylbenzene	ND 0.70	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,3-Dichlorobenzene	ND 1.5	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,3-Dichloropropane	ND 0.29	4.5	µg/Kg 1 4/21/2009 06:31 PM
1,4-Dichlorobenzene	ND 1.6	4.5	µg/Kg 1 4/21/2009 06:31 PM
2,2-Dichloropropane	ND 0.43	4.5	µg/Kg 1 4/21/2009 06:31 PM
2-Chlorotoluene	ND 0.80	4.5	µg/Kg 1 4/21/2009 06:31 PM
4-Chlorotoluene	ND 1.0	4.5	µg/Kg 1 4/21/2009 06:31 PM
4-Isopropyltoluene	ND 0.99	4.5	µg/Kg 1 4/21/2009 06:31 PM
Benzene	ND 0.57	4.5	µg/Kg 1 4/21/2009 06:31 PM
Bromobenzene	ND 1.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
Bromodichloromethane	ND 1.2	4.5	µg/Kg 1 4/21/2009 06:31 PM
Bromoform	ND 1.8	4.5	µg/Kg 1 4/21/2009 06:31 PM
Bromomethane	ND 0.61	4.5	µg/Kg 1 4/21/2009 06:31 PM
Carbon tetrachloride	ND 1.3	4.5	µg/Kg 1 4/21/2009 06:31 PM
Chlorobenzene	ND 0.58	4.5	µg/Kg 1 4/21/2009 06:31 PM
Chloroethane	ND 0.78	4.5	µg/Kg 1 4/21/2009 06:31 PM
Chloroform	ND 1.3	4.5	µg/Kg 1 4/21/2009 06:31 PM
Chloromethane	ND 0.34	4.5	µg/Kg 1 4/21/2009 06:31 PM
cis-1,2-Dichloroethene	ND 1.6	4.5	µg/Kg 1 4/21/2009 06:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008B

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.67	4.5	µg/Kg 1 4/21/2009 06:31 PM
Dibromochloromethane	ND 0.65	4.5	µg/Kg 1 4/21/2009 06:31 PM
Dibromomethane	ND 1.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
Dichlorodifluoromethane	ND 0.48	4.5	µg/Kg 1 4/21/2009 06:31 PM
Ethylbenzene	ND 0.29	4.5	µg/Kg 1 4/21/2009 06:31 PM
Hexachlorobutadiene	ND 2.0	4.5	µg/Kg 1 4/21/2009 06:31 PM
Isopropylbenzene	ND 0.51	4.5	µg/Kg 1 4/21/2009 06:31 PM
m,p-Xylene	ND 0.62	9.0	µg/Kg 1 4/21/2009 06:31 PM
Methylene chloride	ND 4.5	4.5	µg/Kg 1 4/21/2009 06:31 PM
n-Butylbenzene	ND 1.1	4.5	µg/Kg 1 4/21/2009 06:31 PM
n-Propylbenzene	ND 0.61	4.5	µg/Kg 1 4/21/2009 06:31 PM
Naphthalene	ND 2.2	4.5	µg/Kg 1 4/21/2009 06:31 PM
o-Xylene	ND 0.45	4.5	µg/Kg 1 4/21/2009 06:31 PM
sec-Butylbenzene	ND 0.93	4.5	µg/Kg 1 4/21/2009 06:31 PM
Styrene	ND 0.54	4.5	µg/Kg 1 4/21/2009 06:31 PM
tert-Butylbenzene	ND 0.93	4.5	µg/Kg 1 4/21/2009 06:31 PM
Tetrachloroethene	ND 0.94	4.5	µg/Kg 1 4/21/2009 06:31 PM
Toluene	ND 0.50	4.5	µg/Kg 1 4/21/2009 06:31 PM
trans-1,2-Dichloroethene	ND 0.47	4.5	µg/Kg 1 4/21/2009 06:31 PM
Trichloroethene	ND 1.4	4.5	µg/Kg 1 4/21/2009 06:31 PM
Trichlorofluoromethane	ND 0.49	4.5	µg/Kg 1 4/21/2009 06:31 PM
Vinyl chloride	ND 0.38	4.5	µg/Kg 1 4/21/2009 06:31 PM
Surr: 1,2-Dichloroethane-d4	108 0	68-147	%REC 1 4/21/2009 06:31 PM
Surr: 4-Bromofluorobenzene	103 0	67-127	%REC 1 4/21/2009 06:31 PM
Surr: Dibromofluoromethane	108 0	72-141	%REC 1 4/21/2009 06:31 PM
Surr: Toluene-d8	113 0	75-120	%REC 1 4/21/2009 06:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-008E

Client Sample ID: 1001-102-20-S
Collection Date: 4/20/2009 10:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.14	0.91	mg/Kg	1 4/21/2009 06:53 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 06:53 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.18	0.91	mg/Kg	1 4/21/2009 06:53 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 06:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009A

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:13 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Barium	170	0.13	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Cadmium	1.6	0.0064	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Chromium	22	0.088	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Cobalt	8.4	0.014	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Copper	48	0.26	2.0	mg/Kg	1	4/27/2009 04:13 PM	
Lead	100	0.11	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Vanadium	49	0.019	1.0	mg/Kg	1	4/27/2009 04:13 PM	
Zinc	2100	0.19	1.0	mg/Kg	1	4/27/2009 04:13 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 10:18 PM	
Surr: p-Terphenyl	95.2	0	57-144	%REC	1	4/23/2009 10:18 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 10:18 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 10:18 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 10:18 PM	
Surr: p-Terphenyl	95.2	0	57-144	%REC	1	4/23/2009 10:18 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009A

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090422A	QC Batch: 54915			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 08:31 PM	
Surr: Decachlorobiphenyl	80.3	0	30-124	%REC	1	4/22/2009 08:31 PM	
Surr: Tetrachloro-m-xylene	94.3	0	40-118	%REC	1	4/22/2009 08:31 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A						
RunID: AA5_090422C	QC Batch: 54900			PrepDate:	4/22/2009	Analyst: RQ
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:11 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422A	QC Batch: 54911			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/22/2009 06:38 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/22/2009 06:38 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/22/2009 06:38 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/22/2009 06:38 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/22/2009 06:38 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/22/2009 06:38 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/22/2009 06:38 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/22/2009 06:38 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/22/2009 06:38 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 06:38 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 06:38 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/22/2009 06:38 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/22/2009 06:38 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/22/2009 06:38 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/22/2009 06:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009A

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 06:38 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 06:38 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 06:38 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 06:38 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 06:38 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 06:38 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 06:38 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 06:38 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 06:38 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 06:38 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 06:38 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 06:38 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 06:38 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 06:38 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 06:38 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 06:38 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 06:38 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 06:38 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 06:38 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 06:38 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 06:38 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 06:38 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 06:38 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 06:38 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 06:38 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 06:38 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 06:38 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 06:38 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 06:38 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 06:38 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 06:38 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 06:38 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 06:38 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 06:38 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 06:38 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009A

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 06:38 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 06:38 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 06:38 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 06:38 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 06:38 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 06:38 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 06:38 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 06:38 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 06:38 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 06:38 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 06:38 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 06:38 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 06:38 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 06:38 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 06:38 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 06:38 PM
Surr: 1,2-Dichlorobenzene-d4	83.0	0	49-103	%REC	1	4/22/2009 06:38 PM
Surr: 2,4,6-Tribromophenol	94.5	0	47-129	%REC	1	4/22/2009 06:38 PM
Surr: 2-Chlorophenol-d4	94.5	0	54-109	%REC	1	4/22/2009 06:38 PM
Surr: 2-Fluorobiphenyl	95.4	0	59-108	%REC	1	4/22/2009 06:38 PM
Surr: 2-Fluorophenol	92.8	0	50-111	%REC	1	4/22/2009 06:38 PM
Surr: 4-Terphenyl-d14	120	0	58-135	%REC	1	4/22/2009 06:38 PM
Surr: Nitrobenzene-d5	89.9	0	54-115	%REC	1	4/22/2009 06:38 PM
Surr: Phenol-d5	98.0	0	58-112	%REC	1	4/22/2009 06:38 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340	PrepDate:	Analyst: DDL			
pH	7.9	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009B

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.1	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1,1-Trichloroethane	ND 1.5	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1,2,2-Tetrachloroethane	ND 3.4	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1,2-Trichloroethane	ND 1.4	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1-Dichloroethane	ND 0.67	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1-Dichloroethene	ND 0.50	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,1-Dichloropropene	ND 2.3	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2,3-Trichlorobenzene	ND 4.1	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2,3-Trichloropropane	ND 2.5	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2,4-Trichlorobenzene	ND 2.6	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2,4-Trimethylbenzene	ND 1.1	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2-Dibromo-3-chloropropane	ND 3.5	11	µg/Kg 1 4/21/2009 06:50 PM
1,2-Dibromoethane	ND 1.1	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2-Dichlorobenzene	ND 2.3	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2-Dichloroethane	ND 2.0	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,2-Dichloropropane	ND 1.7	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,3,5-Trimethylbenzene	ND 0.86	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,3-Dichlorobenzene	ND 1.9	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,3-Dichloropropane	ND 0.35	5.5	µg/Kg 1 4/21/2009 06:50 PM
1,4-Dichlorobenzene	ND 2.0	5.5	µg/Kg 1 4/21/2009 06:50 PM
2,2-Dichloropropane	ND 0.53	5.5	µg/Kg 1 4/21/2009 06:50 PM
2-Chlorotoluene	ND 0.98	5.5	µg/Kg 1 4/21/2009 06:50 PM
4-Chlorotoluene	ND 1.2	5.5	µg/Kg 1 4/21/2009 06:50 PM
4-Isopropyltoluene	ND 1.2	5.5	µg/Kg 1 4/21/2009 06:50 PM
Benzene	ND 0.70	5.5	µg/Kg 1 4/21/2009 06:50 PM
Bromobenzene	ND 1.4	5.5	µg/Kg 1 4/21/2009 06:50 PM
Bromodichloromethane	ND 1.5	5.5	µg/Kg 1 4/21/2009 06:50 PM
Bromoform	ND 2.2	5.5	µg/Kg 1 4/21/2009 06:50 PM
Bromomethane	ND 0.75	5.5	µg/Kg 1 4/21/2009 06:50 PM
Carbon tetrachloride	ND 1.5	5.5	µg/Kg 1 4/21/2009 06:50 PM
Chlorobenzene	ND 0.72	5.5	µg/Kg 1 4/21/2009 06:50 PM
Chloroethane	ND 0.96	5.5	µg/Kg 1 4/21/2009 06:50 PM
Chloroform	ND 1.6	5.5	µg/Kg 1 4/21/2009 06:50 PM
Chloromethane	ND 0.42	5.5	µg/Kg 1 4/21/2009 06:50 PM
cis-1,2-Dichloroethene	ND 2.0	5.5	µg/Kg 1 4/21/2009 06:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Project: 207126015
Lab ID: 105139-009B

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.83	5.5	µg/Kg	1	4/21/2009 06:50 PM
Dibromochloromethane	ND	0.79	5.5	µg/Kg	1	4/21/2009 06:50 PM
Dibromomethane	ND	1.3	5.5	µg/Kg	1	4/21/2009 06:50 PM
Dichlorodifluoromethane	ND	0.59	5.5	µg/Kg	1	4/21/2009 06:50 PM
Ethylbenzene	ND	0.35	5.5	µg/Kg	1	4/21/2009 06:50 PM
Hexachlorobutadiene	ND	2.5	5.5	µg/Kg	1	4/21/2009 06:50 PM
Isopropylbenzene	ND	0.63	5.5	µg/Kg	1	4/21/2009 06:50 PM
m,p-Xylene	ND	0.76	11	µg/Kg	1	4/21/2009 06:50 PM
Methylene chloride	ND	5.5	5.5	µg/Kg	1	4/21/2009 06:50 PM
n-Butylbenzene	ND	1.3	5.5	µg/Kg	1	4/21/2009 06:50 PM
n-Propylbenzene	ND	0.75	5.5	µg/Kg	1	4/21/2009 06:50 PM
Naphthalene	ND	2.8	5.5	µg/Kg	1	4/21/2009 06:50 PM
o-Xylene	ND	0.55	5.5	µg/Kg	1	4/21/2009 06:50 PM
sec-Butylbenzene	ND	1.1	5.5	µg/Kg	1	4/21/2009 06:50 PM
Styrene	ND	0.66	5.5	µg/Kg	1	4/21/2009 06:50 PM
tert-Butylbenzene	ND	1.1	5.5	µg/Kg	1	4/21/2009 06:50 PM
Tetrachloroethene	63	1.2	5.5	µg/Kg	1	4/21/2009 06:50 PM
Toluene	ND	0.62	5.5	µg/Kg	1	4/21/2009 06:50 PM
trans-1,2-Dichloroethene	ND	0.58	5.5	µg/Kg	1	4/21/2009 06:50 PM
Trichloroethene	ND	1.7	5.5	µg/Kg	1	4/21/2009 06:50 PM
Trichlorofluoromethane	ND	0.61	5.5	µg/Kg	1	4/21/2009 06:50 PM
Vinyl chloride	ND	0.46	5.5	µg/Kg	1	4/21/2009 06:50 PM
Surr: 1,2-Dichloroethane-d4	116	0	68-147	%REC	1	4/21/2009 06:50 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/21/2009 06:50 PM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/21/2009 06:50 PM
Surr: Toluene-d8	118	0	75-120	%REC	1	4/21/2009 06:50 PM

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H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
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Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-009E

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.15	1.0	mg/Kg	1 4/21/2009 07:08 PM
Surr: Bromofluorobenzene (FID)	92.0	0	59-145	%REC	1 4/21/2009 07:08 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.19	1.0	mg/Kg	1 4/21/2009 07:08 PM
Surr: Bromofluorobenzene (FID)	92.0	0	59-145	%REC	1 4/21/2009 07:08 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
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Client Sample ID: 1001-112-5-S
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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427F	QC Batch:	54941	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:15 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Barium	120	0.13	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Chromium	16	0.088	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Cobalt	6.7	0.014	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Copper	16	0.26	2.0	mg/Kg	1	4/27/2009 04:15 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Nickel	12	0.032	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Vanadium	43	0.019	1.0	mg/Kg	1	4/27/2009 04:15 PM	
Zinc	38	0.19	1.0	mg/Kg	1	4/27/2009 04:15 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090423B	QC Batch:	54986	PrepDate:	4/23/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/23/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
DRO	11	10	10	mg/Kg	1	4/23/2009 09:59 PM	
Surr: p-Terphenyl	88.8	0	57-144	%REC	1	4/23/2009 09:59 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423E	QC Batch:	54918	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 09:59 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 09:59 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 09:59 PM	
Surr: p-Terphenyl	88.8	0	57-144	%REC	1	4/23/2009 09:59 PM	

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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090422A	QC Batch: 54915	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 03:33 PM
Surr: Decachlorobiphenyl	80.6 0	30-124	%REC 1 4/22/2009 03:33 PM
Surr: Tetrachloro-m-xylene	89.0 0	40-118	%REC 1 4/22/2009 03:33 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422C	QC Batch: 54900	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 02:47 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 07:06 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 07:06 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 07:06 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 07:06 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 07:06 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 07:06 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 07:06 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 07:06 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 07:06 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 07:06 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 07:06 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 07:06 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 07:06 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 07:06 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 07:06 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/22/2009 07:06 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/22/2009 07:06 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/22/2009 07:06 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 07:06 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/22/2009 07:06 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/22/2009 07:06 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/22/2009 07:06 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/22/2009 07:06 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/22/2009 07:06 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/22/2009 07:06 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 07:06 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/22/2009 07:06 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/22/2009 07:06 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/22/2009 07:06 PM
Anthracene	ND 76	330	µg/Kg 1 4/22/2009 07:06 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/22/2009 07:06 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/22/2009 07:06 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/22/2009 07:06 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/22/2009 07:06 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/22/2009 07:06 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/22/2009 07:06 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/22/2009 07:06 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/22/2009 07:06 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/22/2009 07:06 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/22/2009 07:06 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/22/2009 07:06 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/22/2009 07:06 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/22/2009 07:06 PM
Chrysene	ND 79	330	µg/Kg 1 4/22/2009 07:06 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/22/2009 07:06 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/22/2009 07:06 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/22/2009 07:06 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/22/2009 07:06 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/22/2009 07:06 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/22/2009 07:06 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/22/2009 07:06 PM
Fluorene	ND	69	330	µg/Kg	1 4/22/2009 07:06 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/22/2009 07:06 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/22/2009 07:06 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/22/2009 07:06 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/22/2009 07:06 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/22/2009 07:06 PM
Isophorone	ND	85	330	µg/Kg	1 4/22/2009 07:06 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/22/2009 07:06 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/22/2009 07:06 PM
Naphthalene	ND	86	330	µg/Kg	1 4/22/2009 07:06 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/22/2009 07:06 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/22/2009 07:06 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/22/2009 07:06 PM
Phenol	ND	95	330	µg/Kg	1 4/22/2009 07:06 PM
Pyrene	ND	77	330	µg/Kg	1 4/22/2009 07:06 PM
Surr: 1,2-Dichlorobenzene-d4	83.6	0	49-103	%REC	1 4/22/2009 07:06 PM
Surr: 2,4,6-Tribromophenol	94.2	0	47-129	%REC	1 4/22/2009 07:06 PM
Surr: 2-Chlorophenol-d4	93.5	0	54-109	%REC	1 4/22/2009 07:06 PM
Surr: 2-Fluorobiphenyl	93.4	0	59-108	%REC	1 4/22/2009 07:06 PM
Surr: 2-Fluorophenol	92.8	0	50-111	%REC	1 4/22/2009 07:06 PM
Surr: 4-Terphenyl-d14	118	0	58-135	%REC	1 4/22/2009 07:06 PM
Surr: Nitrobenzene-d5	88.7	0	54-115	%REC	1 4/22/2009 07:06 PM
Surr: Phenol-d5	97.1	0	58-112	%REC	1 4/22/2009 07:06 PM

PH

EPA 9045C

RunID: WETCHEM_090421B	QC Batch: R108340			PrepDate:	Analyst: DDL
pH	7.7	0.10	0.10	pH Units	1 4/21/2009

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-010C

Client Sample ID: 1001-112-5-S
Collection Date: 4/20/2009 10:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422A	QC Batch:	T09VS104	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.87	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1,1-Trichloroethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1,2,2-Tetrachloroethane	ND	2.8	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1,2-Trichloroethane	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1-Dichloroethane	ND	0.55	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1-Dichloroethene	ND	0.41	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,1-Dichloropropene	ND	1.9	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2,3-Trichlorobenzene	ND	3.4	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2,3-Trichloropropane	ND	2.1	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2,4-Trimethylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2-Dibromo-3-chloropropane	ND	2.9	9.1	µg/Kg	1	4/22/2009 03:25 PM	
1,2-Dibromoethane	ND	0.88	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2-Dichlorobenzene	ND	1.9	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2-Dichloroethane	ND	1.7	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,2-Dichloropropane	ND	1.4	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,3,5-Trimethylbenzene	ND	0.71	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,3-Dichlorobenzene	ND	1.5	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,3-Dichloropropane	ND	0.29	4.5	µg/Kg	1	4/22/2009 03:25 PM	
1,4-Dichlorobenzene	ND	1.6	4.5	µg/Kg	1	4/22/2009 03:25 PM	
2,2-Dichloropropane	ND	0.43	4.5	µg/Kg	1	4/22/2009 03:25 PM	
2-Chlorotoluene	ND	0.81	4.5	µg/Kg	1	4/22/2009 03:25 PM	
4-Chlorotoluene	ND	1.0	4.5	µg/Kg	1	4/22/2009 03:25 PM	
4-Isopropyltoluene	ND	1.0	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Benzene	ND	0.58	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Bromobenzene	ND	1.2	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Bromodichloromethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Bromoform	ND	1.8	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Bromomethane	ND	0.62	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Carbon tetrachloride	ND	1.3	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Chlorobenzene	ND	0.59	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Chloroethane	ND	0.79	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Chloroform	ND	1.3	4.5	µg/Kg	1	4/22/2009 03:25 PM	
Chloromethane	ND	0.34	4.5	µg/Kg	1	4/22/2009 03:25 PM	
cis-1,2-Dichloroethene	ND	1.6	4.5	µg/Kg	1	4/22/2009 03:25 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Lab ID: 105139-010C

Client Sample ID: 1001-112-5-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.68	4.5	µg/Kg	1	4/22/2009 03:25 PM
Dibromochloromethane	ND	0.65	4.5	µg/Kg	1	4/22/2009 03:25 PM
Dibromomethane	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:25 PM
Dichlorodifluoromethane	ND	0.49	4.5	µg/Kg	1	4/22/2009 03:25 PM
Ethylbenzene	ND	0.29	4.5	µg/Kg	1	4/22/2009 03:25 PM
Hexachlorobutadiene	ND	2.0	4.5	µg/Kg	1	4/22/2009 03:25 PM
Isopropylbenzene	ND	0.52	4.5	µg/Kg	1	4/22/2009 03:25 PM
m,p-Xylene	ND	0.63	9.1	µg/Kg	1	4/22/2009 03:25 PM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/22/2009 03:25 PM
n-Butylbenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:25 PM
n-Propylbenzene	ND	0.62	4.5	µg/Kg	1	4/22/2009 03:25 PM
Naphthalene	ND	2.3	4.5	µg/Kg	1	4/22/2009 03:25 PM
o-Xylene	ND	0.45	4.5	µg/Kg	1	4/22/2009 03:25 PM
sec-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:25 PM
Styrene	ND	0.54	4.5	µg/Kg	1	4/22/2009 03:25 PM
tert-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:25 PM
Tetrachloroethene	7.3	0.95	4.5	µg/Kg	1	4/22/2009 03:25 PM
Toluene	ND	0.51	4.5	µg/Kg	1	4/22/2009 03:25 PM
trans-1,2-Dichloroethene	ND	0.48	4.5	µg/Kg	1	4/22/2009 03:25 PM
Trichloroethene	ND	1.4	4.5	µg/Kg	1	4/22/2009 03:25 PM
Trichlorofluoromethane	ND	0.50	4.5	µg/Kg	1	4/22/2009 03:25 PM
Vinyl chloride	ND	0.38	4.5	µg/Kg	1	4/22/2009 03:25 PM
Surr: 1,2-Dichloroethane-d4	117	0	68-147	%REC	1	4/22/2009 03:25 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/22/2009 03:25 PM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/22/2009 03:25 PM
Surr: Toluene-d8	117	0	75-120	%REC	1	4/22/2009 03:25 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Project: 207126015
Lab ID: 105139-010E

Client Sample ID: 1001-112-5-S
Collection Date: 4/20/2009 10:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.14	0.93	mg/Kg	1	4/21/2009 07:24 PM
Surr: Bromofluorobenzene (FID)	104 0	59-145	%REC	1	4/21/2009 07:24 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421A	QC Batch: E09VS104	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.93	mg/Kg	1	4/21/2009 07:24 PM
Surr: Bromofluorobenzene (FID)	104 0	59-145	%REC	1	4/21/2009 07:24 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Project: 207126015
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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:27 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Barium	79	0.13	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Chromium	8.5	0.088	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Cobalt	3.8	0.014	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Copper	11	0.26	2.0	mg/Kg	1	4/24/2009 07:27 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Nickel	5.8	0.032	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Vanadium	25	0.019	1.0	mg/Kg	1	4/24/2009 07:27 PM	
Zinc	28	0.19	1.0	mg/Kg	1	4/24/2009 07:27 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	42	10	10	mg/Kg	1	4/25/2009 01:56 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 01:56 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	22	10	10	mg/Kg	1	4/25/2009 01:56 PM	
T/R Hydrocarbons: C23-C32	23	10	10	mg/Kg	1	4/25/2009 01:56 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 01:56 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 01:56 PM	

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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090422A	QC Batch: 54929	PrepDate: 4/22/2009	Analyst: BB			
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 08:14 PM
Surr: Decachlorobiphenyl	84.8	0	30-124	%REC	1	4/22/2009 08:14 PM
Surr: Tetrachloro-m-xylene	90.3	0	40-118	%REC	1	4/22/2009 08:14 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ			
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:33 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/22/2009 08:01 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/22/2009 08:01 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/22/2009 08:01 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/22/2009 08:01 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/22/2009 08:01 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/22/2009 08:01 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/22/2009 08:01 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/22/2009 08:01 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/22/2009 08:01 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 08:01 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/22/2009 08:01 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/22/2009 08:01 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/22/2009 08:01 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/22/2009 08:01 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/22/2009 08:01 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/22/2009 08:01 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/22/2009 08:01 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/22/2009 08:01 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 08:01 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/22/2009 08:01 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/22/2009 08:01 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/22/2009 08:01 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/22/2009 08:01 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/22/2009 08:01 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/22/2009 08:01 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 08:01 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/22/2009 08:01 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/22/2009 08:01 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/22/2009 08:01 PM
Anthracene	ND 76	330	µg/Kg 1 4/22/2009 08:01 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/22/2009 08:01 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/22/2009 08:01 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/22/2009 08:01 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/22/2009 08:01 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/22/2009 08:01 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/22/2009 08:01 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/22/2009 08:01 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/22/2009 08:01 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/22/2009 08:01 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/22/2009 08:01 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/22/2009 08:01 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/22/2009 08:01 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/22/2009 08:01 PM
Chrysene	ND 79	330	µg/Kg 1 4/22/2009 08:01 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/22/2009 08:01 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/22/2009 08:01 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/22/2009 08:01 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/22/2009 08:01 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/22/2009 08:01 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/22/2009 08:01 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 08:01 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 08:01 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 08:01 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 08:01 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 08:01 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 08:01 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 08:01 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 08:01 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 08:01 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 08:01 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 08:01 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 08:01 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 08:01 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 08:01 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 08:01 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 08:01 PM
Surr: 1,2-Dichlorobenzene-d4	83.0	0	49-103	%REC	1	4/22/2009 08:01 PM
Surr: 2,4,6-Tribromophenol	95.8	0	47-129	%REC	1	4/22/2009 08:01 PM
Surr: 2-Chlorophenol-d4	94.4	0	54-109	%REC	1	4/22/2009 08:01 PM
Surr: 2-Fluorobiphenyl	94.2	0	59-108	%REC	1	4/22/2009 08:01 PM
Surr: 2-Fluorophenol	93.4	0	50-111	%REC	1	4/22/2009 08:01 PM
Surr: 4-Terphenyl-d14	121	0	58-135	%REC	1	4/22/2009 08:01 PM
Surr: Nitrobenzene-d5	88.9	0	54-115	%REC	1	4/22/2009 08:01 PM
Surr: Phenol-d5	98.3	0	58-112	%REC	1	4/22/2009 08:01 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	8.3	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-011B

Client Sample ID: 1001-112-10-S
Collection Date: 4/20/2009 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.3	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1,1-Trichloroethane	ND	1.8	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1,2,2-Tetrachloroethane	ND	4.2	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1,2-Trichloroethane	ND	1.7	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1-Dichloroethane	ND	0.83	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1-Dichloroethene	ND	0.61	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,1-Dichloropropene	ND	2.9	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2,3-Trichlorobenzene	ND	5.1	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2,3-Trichloropropane	ND	3.1	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2,4-Trichlorobenzene	ND	3.2	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2,4-Trimethylbenzene	ND	1.4	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2-Dibromo-3-chloropropane	ND	4.3	14	µg/Kg	1	4/21/2009 01:57 PM	
1,2-Dibromoethane	ND	1.3	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2-Dichlorobenzene	ND	2.9	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2-Dichloroethane	ND	2.5	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,2-Dichloropropane	ND	2.1	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,3,5-Trimethylbenzene	ND	1.1	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,3-Dichlorobenzene	ND	2.3	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,3-Dichloropropane	ND	0.44	6.8	µg/Kg	1	4/21/2009 01:57 PM	
1,4-Dichlorobenzene	ND	2.4	6.8	µg/Kg	1	4/21/2009 01:57 PM	
2,2-Dichloropropane	ND	0.65	6.8	µg/Kg	1	4/21/2009 01:57 PM	
2-Chlorotoluene	ND	1.2	6.8	µg/Kg	1	4/21/2009 01:57 PM	
4-Chlorotoluene	ND	1.5	6.8	µg/Kg	1	4/21/2009 01:57 PM	
4-Isopropyltoluene	ND	1.5	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Benzene	ND	0.87	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Bromobenzene	ND	1.7	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Bromodichloromethane	ND	1.8	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Bromoform	ND	2.7	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Bromomethane	ND	0.93	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Carbon tetrachloride	ND	1.9	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Chlorobenzene	ND	0.89	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Chloroethane	ND	1.2	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Chloroform	ND	2.0	6.8	µg/Kg	1	4/21/2009 01:57 PM	
Chloromethane	ND	0.52	6.8	µg/Kg	1	4/21/2009 01:57 PM	
cis-1,2-Dichloroethene	ND	2.5	6.8	µg/Kg	1	4/21/2009 01:57 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-011B

Client Sample ID: 1001-112-10-S
Collection Date: 4/20/2009 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.0	6.8	µg/Kg 1 4/21/2009 01:57 PM
Dibromochloromethane	ND 0.98	6.8	µg/Kg 1 4/21/2009 01:57 PM
Dibromomethane	ND 1.6	6.8	µg/Kg 1 4/21/2009 01:57 PM
Dichlorodifluoromethane	ND 0.74	6.8	µg/Kg 1 4/21/2009 01:57 PM
Ethylbenzene	ND 0.44	6.8	µg/Kg 1 4/21/2009 01:57 PM
Hexachlorobutadiene	ND 3.1	6.8	µg/Kg 1 4/21/2009 01:57 PM
Isopropylbenzene	ND 0.78	6.8	µg/Kg 1 4/21/2009 01:57 PM
m,p-Xylene	ND 0.94	14	µg/Kg 1 4/21/2009 01:57 PM
Methylene chloride	ND 6.8	6.8	µg/Kg 1 4/21/2009 01:57 PM
n-Butylbenzene	ND 1.6	6.8	µg/Kg 1 4/21/2009 01:57 PM
n-Propylbenzene	ND 0.93	6.8	µg/Kg 1 4/21/2009 01:57 PM
Naphthalene	ND 3.4	6.8	µg/Kg 1 4/21/2009 01:57 PM
o-Xylene	ND 0.68	6.8	µg/Kg 1 4/21/2009 01:57 PM
sec-Butylbenzene	ND 1.4	6.8	µg/Kg 1 4/21/2009 01:57 PM
Styrene	ND 0.82	6.8	µg/Kg 1 4/21/2009 01:57 PM
tert-Butylbenzene	ND 1.4	6.8	µg/Kg 1 4/21/2009 01:57 PM
Tetrachloroethene	ND 1.4	6.8	µg/Kg 1 4/21/2009 01:57 PM
Toluene	ND 0.76	6.8	µg/Kg 1 4/21/2009 01:57 PM
trans-1,2-Dichloroethene	ND 0.72	6.8	µg/Kg 1 4/21/2009 01:57 PM
Trichloroethene	ND 2.1	6.8	µg/Kg 1 4/21/2009 01:57 PM
Trichlorofluoromethane	ND 0.75	6.8	µg/Kg 1 4/21/2009 01:57 PM
Vinyl chloride	ND 0.57	6.8	µg/Kg 1 4/21/2009 01:57 PM
Surr: 1,2-Dichloroethane-d4	114 0	68-147	%REC 1 4/21/2009 01:57 PM
Surr: 4-Bromofluorobenzene	110 0	67-127	%REC 1 4/21/2009 01:57 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/21/2009 01:57 PM
Surr: Toluene-d8	110 0	75-120	%REC 1 4/21/2009 01:57 PM

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ANALYTICAL RESULTS

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-011E

Client Sample ID: 1001-112-10-S
Collection Date: 4/20/2009 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.13	0.89	mg/Kg	1 4/21/2009 09:59 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 09:59 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.17	0.89	mg/Kg	1 4/21/2009 09:59 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 09:59 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
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	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-012A

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:30 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Barium	150	0.13	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Cobalt	8.6	0.014	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Copper	24	0.26	2.0	mg/Kg	1	4/24/2009 07:30 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Nickel	15	0.032	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Vanadium	51	0.019	1.0	mg/Kg	1	4/24/2009 07:30 PM	
Zinc	49	0.19	1.0	mg/Kg	1	4/24/2009 07:30 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	37	10	10	mg/Kg	1	4/25/2009 02:50 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 02:50 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	19	10	10	mg/Kg	1	4/25/2009 02:50 PM	
T/R Hydrocarbons: C23-C32	20	10	10	mg/Kg	1	4/25/2009 02:50 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 02:50 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 02:50 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-012A

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090422A	QC Batch: 54929	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 09:13 PM
Surr: Decachlorobiphenyl	85.3 0	30-124	%REC 1 4/22/2009 09:13 PM
Surr: Tetrachloro-m-xylene	96.3 0	40-118	%REC 1 4/22/2009 09:13 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:35 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 08:28 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 08:28 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 08:28 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 08:28 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 08:28 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 08:28 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 08:28 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 08:28 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 08:28 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 08:28 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 08:28 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 08:28 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 08:28 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 08:28 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 08:28 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-012A

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/22/2009 08:28 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/22/2009 08:28 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/22/2009 08:28 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 08:28 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/22/2009 08:28 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/22/2009 08:28 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/22/2009 08:28 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/22/2009 08:28 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/22/2009 08:28 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/22/2009 08:28 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/22/2009 08:28 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/22/2009 08:28 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/22/2009 08:28 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/22/2009 08:28 PM
Anthracene	ND 76	330	µg/Kg 1 4/22/2009 08:28 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/22/2009 08:28 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/22/2009 08:28 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/22/2009 08:28 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/22/2009 08:28 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/22/2009 08:28 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/22/2009 08:28 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/22/2009 08:28 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/22/2009 08:28 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/22/2009 08:28 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/22/2009 08:28 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/22/2009 08:28 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/22/2009 08:28 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/22/2009 08:28 PM
Chrysene	ND 79	330	µg/Kg 1 4/22/2009 08:28 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/22/2009 08:28 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/22/2009 08:28 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/22/2009 08:28 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/22/2009 08:28 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/22/2009 08:28 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/22/2009 08:28 PM

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Lab ID: 105139-012A

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/22/2009 08:28 PM
Fluorene	ND	69	330	µg/Kg	1 4/22/2009 08:28 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/22/2009 08:28 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/22/2009 08:28 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/22/2009 08:28 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/22/2009 08:28 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/22/2009 08:28 PM
Isophorone	ND	85	330	µg/Kg	1 4/22/2009 08:28 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/22/2009 08:28 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/22/2009 08:28 PM
Naphthalene	ND	86	330	µg/Kg	1 4/22/2009 08:28 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/22/2009 08:28 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/22/2009 08:28 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/22/2009 08:28 PM
Phenol	ND	95	330	µg/Kg	1 4/22/2009 08:28 PM
Pyrene	ND	77	330	µg/Kg	1 4/22/2009 08:28 PM
Surr: 1,2-Dichlorobenzene-d4	83.9	0	49-103	%REC	1 4/22/2009 08:28 PM
Surr: 2,4,6-Tribromophenol	92.7	0	47-129	%REC	1 4/22/2009 08:28 PM
Surr: 2-Chlorophenol-d4	95.3	0	54-109	%REC	1 4/22/2009 08:28 PM
Surr: 2-Fluorobiphenyl	95.6	0	59-108	%REC	1 4/22/2009 08:28 PM
Surr: 2-Fluorophenol	94.3	0	50-111	%REC	1 4/22/2009 08:28 PM
Surr: 4-Terphenyl-d14	121	0	58-135	%REC	1 4/22/2009 08:28 PM
Surr: Nitrobenzene-d5	90.9	0	54-115	%REC	1 4/22/2009 08:28 PM
Surr: Phenol-d5	99.3	0	58-112	%REC	1 4/22/2009 08:28 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341			PrepDate:	Analyst: DDL
pH	7.8	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-012B

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.84	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1,1-Trichloroethane	ND 1.2	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1,2,2-Tetrachloroethane	ND 2.7	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1,2-Trichloroethane	ND 1.1	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1-Dichloroethane	ND 0.54	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1-Dichloroethene	ND 0.39	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,1-Dichloropropene	ND 1.8	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2,3-Trichlorobenzene	ND 3.3	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2,3-Trichloropropane	ND 2.0	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2,4-Trichlorobenzene	ND 2.1	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2,4-Trimethylbenzene	ND 0.91	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2-Dibromo-3-chloropropane	ND 2.8	8.8	µg/Kg 1 4/21/2009 02:14 PM
1,2-Dibromoethane	ND 0.85	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2-Dichlorobenzene	ND 1.8	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2-Dichloroethane	ND 1.6	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,3,5-Trimethylbenzene	ND 0.68	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,3-Dichlorobenzene	ND 1.5	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,3-Dichloropropane	ND 0.28	4.4	µg/Kg 1 4/21/2009 02:14 PM
1,4-Dichlorobenzene	ND 1.6	4.4	µg/Kg 1 4/21/2009 02:14 PM
2,2-Dichloropropane	ND 0.42	4.4	µg/Kg 1 4/21/2009 02:14 PM
2-Chlorotoluene	ND 0.78	4.4	µg/Kg 1 4/21/2009 02:14 PM
4-Chlorotoluene	ND 0.99	4.4	µg/Kg 1 4/21/2009 02:14 PM
4-Isopropyltoluene	ND 0.97	4.4	µg/Kg 1 4/21/2009 02:14 PM
Benzene	ND 0.56	4.4	µg/Kg 1 4/21/2009 02:14 PM
Bromobenzene	ND 1.1	4.4	µg/Kg 1 4/21/2009 02:14 PM
Bromodichloromethane	ND 1.2	4.4	µg/Kg 1 4/21/2009 02:14 PM
Bromoform	ND 1.7	4.4	µg/Kg 1 4/21/2009 02:14 PM
Bromomethane	ND 0.60	4.4	µg/Kg 1 4/21/2009 02:14 PM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/21/2009 02:14 PM
Chlorobenzene	ND 0.57	4.4	µg/Kg 1 4/21/2009 02:14 PM
Chloroethane	ND 0.76	4.4	µg/Kg 1 4/21/2009 02:14 PM
Chloroform	ND 1.3	4.4	µg/Kg 1 4/21/2009 02:14 PM
Chloromethane	ND 0.33	4.4	µg/Kg 1 4/21/2009 02:14 PM
cis-1,2-Dichloroethene	ND 1.6	4.4	µg/Kg 1 4/21/2009 02:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-012B

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.66	4.4	µg/Kg	1	4/21/2009 02:14 PM
Dibromochloromethane	ND	0.63	4.4	µg/Kg	1	4/21/2009 02:14 PM
Dibromomethane	ND	1.0	4.4	µg/Kg	1	4/21/2009 02:14 PM
Dichlorodifluoromethane	ND	0.47	4.4	µg/Kg	1	4/21/2009 02:14 PM
Ethylbenzene	ND	0.28	4.4	µg/Kg	1	4/21/2009 02:14 PM
Hexachlorobutadiene	ND	2.0	4.4	µg/Kg	1	4/21/2009 02:14 PM
Isopropylbenzene	ND	0.50	4.4	µg/Kg	1	4/21/2009 02:14 PM
m,p-Xylene	ND	0.61	8.8	µg/Kg	1	4/21/2009 02:14 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/21/2009 02:14 PM
n-Butylbenzene	ND	1.1	4.4	µg/Kg	1	4/21/2009 02:14 PM
n-Propylbenzene	ND	0.60	4.4	µg/Kg	1	4/21/2009 02:14 PM
Naphthalene	ND	2.2	4.4	µg/Kg	1	4/21/2009 02:14 PM
o-Xylene	ND	0.44	4.4	µg/Kg	1	4/21/2009 02:14 PM
sec-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/21/2009 02:14 PM
Styrene	ND	0.53	4.4	µg/Kg	1	4/21/2009 02:14 PM
tert-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/21/2009 02:14 PM
Tetrachloroethene	ND	0.92	4.4	µg/Kg	1	4/21/2009 02:14 PM
Toluene	ND	0.49	4.4	µg/Kg	1	4/21/2009 02:14 PM
trans-1,2-Dichloroethene	ND	0.46	4.4	µg/Kg	1	4/21/2009 02:14 PM
Trichloroethene	ND	1.3	4.4	µg/Kg	1	4/21/2009 02:14 PM
Trichlorofluoromethane	ND	0.48	4.4	µg/Kg	1	4/21/2009 02:14 PM
Vinyl chloride	ND	0.37	4.4	µg/Kg	1	4/21/2009 02:14 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/21/2009 02:14 PM
Surr: 4-Bromofluorobenzene	112	0	67-127	%REC	1	4/21/2009 02:14 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/21/2009 02:14 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/21/2009 02:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-012E

Client Sample ID: 1001-112-20-S
Collection Date: 4/20/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.13	0.90	mg/Kg 1 4/21/2009 10:31 PM
Surr: Bromofluorobenzene (FID)	119 0	59-145	%REC 1 4/21/2009 10:31 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.90	mg/Kg 1 4/21/2009 10:31 PM
Surr: Bromofluorobenzene (FID)	119 0	59-145	%REC 1 4/21/2009 10:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-013A

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:33 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Barium	160	0.13	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Cobalt	8.8	0.014	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Copper	31	0.26	2.0	mg/Kg	1	4/24/2009 07:33 PM	
Lead	26	0.11	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Nickel	16	0.032	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Vanadium	52	0.019	1.0	mg/Kg	1	4/24/2009 07:33 PM	
Zinc	250	0.19	1.0	mg/Kg	1	4/24/2009 07:33 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	45	10	10	mg/Kg	1	4/25/2009 02:59 PM	
Surr: p-Terphenyl	103	0	57-144	%REC	1	4/25/2009 02:59 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	21	10	10	mg/Kg	1	4/25/2009 02:59 PM	
T/R Hydrocarbons: C23-C32	29	10	10	mg/Kg	1	4/25/2009 02:59 PM	
T/R Hydrocarbons:>C32	15	10	10	mg/Kg	1	4/25/2009 02:59 PM	
Surr: p-Terphenyl	103	0	57-144	%REC	1	4/25/2009 02:59 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-013A

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC4_090422A	QC Batch: 54929			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 09:43 PM	
Surr: Decachlorobiphenyl	62.0	0	30-124	%REC	1	4/22/2009 09:43 PM	
Surr: Tetrachloro-m-xylene	74.1	0	40-118	%REC	1	4/22/2009 09:43 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:37 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422A	QC Batch: 54911			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	210	820	µg/Kg	2.5	4/22/2009 08:56 PM	
1,2-Dichlorobenzene	ND	210	820	µg/Kg	2.5	4/22/2009 08:56 PM	
1,3-Dichlorobenzene	ND	190	820	µg/Kg	2.5	4/22/2009 08:56 PM	
1,4-Dichlorobenzene	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4,5-Trichlorophenol	ND	140	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4,6-Trichlorophenol	ND	190	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4-Dichlorophenol	ND	220	4100	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4-Dimethylphenol	ND	220	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4-Dinitrophenol	ND	110	4100	µg/Kg	2.5	4/22/2009 08:56 PM	
2,4-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2,6-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2-Chloronaphthalene	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2-Chlorophenol	ND	220	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2-Methylnaphthalene	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM	
2-Methylphenol	ND	240	820	µg/Kg	2.5	4/22/2009 08:56 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-013A

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	200	4100	µg/Kg	2.5	4/22/2009 08:56 PM
2-Nitrophenol	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM
3,3'-Dichlorobenzidine	ND	200	1600	µg/Kg	2.5	4/22/2009 08:56 PM
3-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/22/2009 08:56 PM
4,6-Dinitro-2-methylphenol	ND	160	4100	µg/Kg	2.5	4/22/2009 08:56 PM
4-Bromophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
4-Chloro-3-methylphenol	ND	190	1600	µg/Kg	2.5	4/22/2009 08:56 PM
4-Chloroaniline	ND	180	1600	µg/Kg	2.5	4/22/2009 08:56 PM
4-Chlorophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
4-Methylphenol	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM
4-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/22/2009 08:56 PM
4-Nitrophenol	ND	180	4100	µg/Kg	2.5	4/22/2009 08:56 PM
Acenaphthene	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Acenaphthylene	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM
Anthracene	ND	190	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzidine (M)	ND	180	4100	µg/Kg	2.5	4/22/2009 08:56 PM
Benzo(a)anthracene	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzo(a)pyrene	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzo(b)fluoranthene	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzo(g,h,i)perylene	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzo(k)fluoranthene	ND	240	820	µg/Kg	2.5	4/22/2009 08:56 PM
Benzoic acid	ND	160	4100	µg/Kg	2.5	4/22/2009 08:56 PM
Benzyl alcohol	ND	220	1600	µg/Kg	2.5	4/22/2009 08:56 PM
Bis(2-chloroethoxy)methane	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM
Bis(2-chloroethyl)ether	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM
Bis(2-chloroisopropyl)ether	ND	230	820	µg/Kg	2.5	4/22/2009 08:56 PM
Bis(2-ethylhexyl)phthalate	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Butylbenzylphthalate	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Chrysene	ND	200	820	µg/Kg	2.5	4/22/2009 08:56 PM
Di-n-butylphthalate	ND	190	820	µg/Kg	2.5	4/22/2009 08:56 PM
Di-n-octylphthalate	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Dibenz(a,h)anthracene	ND	210	820	µg/Kg	2.5	4/22/2009 08:56 PM
Dibenzofuran	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM
Diethylphthalate	ND	180	820	µg/Kg	2.5	4/22/2009 08:56 PM
Dimethylphthalate	ND	170	820	µg/Kg	2.5	4/22/2009 08:56 PM

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Client Sample ID: 1001-103-2-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	180	820	µg/Kg	2.5 4/22/2009 08:56 PM
Fluorene	ND	170	820	µg/Kg	2.5 4/22/2009 08:56 PM
Hexachlorobenzene	ND	190	820	µg/Kg	2.5 4/22/2009 08:56 PM
Hexachlorobutadiene	ND	190	1600	µg/Kg	2.5 4/22/2009 08:56 PM
Hexachlorocyclopentadiene	ND	200	1600	µg/Kg	2.5 4/22/2009 08:56 PM
Hexachloroethane	ND	200	820	µg/Kg	2.5 4/22/2009 08:56 PM
Indeno(1,2,3-cd)pyrene	ND	170	820	µg/Kg	2.5 4/22/2009 08:56 PM
Isophorone	ND	210	820	µg/Kg	2.5 4/22/2009 08:56 PM
N-Nitrosodi-n-propylamine	ND	200	820	µg/Kg	2.5 4/22/2009 08:56 PM
N-Nitrosodiphenylamine	ND	200	820	µg/Kg	2.5 4/22/2009 08:56 PM
Naphthalene	ND	210	820	µg/Kg	2.5 4/22/2009 08:56 PM
Nitrobenzene	ND	200	820	µg/Kg	2.5 4/22/2009 08:56 PM
Pentachlorophenol	ND	140	4100	µg/Kg	2.5 4/22/2009 08:56 PM
Phenanthrene	ND	190	820	µg/Kg	2.5 4/22/2009 08:56 PM
Phenol	ND	240	820	µg/Kg	2.5 4/22/2009 08:56 PM
Pyrene	ND	190	820	µg/Kg	2.5 4/22/2009 08:56 PM
Surr: 1,2-Dichlorobenzene-d4	82.4	0	49-103	%REC	2.5 4/22/2009 08:56 PM
Surr: 2,4,6-Tribromophenol	74.6	0	47-129	%REC	2.5 4/22/2009 08:56 PM
Surr: 2-Chlorophenol-d4	87.9	0	54-109	%REC	2.5 4/22/2009 08:56 PM
Surr: 2-Fluorobiphenyl	90.6	0	59-108	%REC	2.5 4/22/2009 08:56 PM
Surr: 2-Fluorophenol	86.0	0	50-111	%REC	2.5 4/22/2009 08:56 PM
Surr: 4-Terphenyl-d14	104	0	58-135	%REC	2.5 4/22/2009 08:56 PM
Surr: Nitrobenzene-d5	87.1	0	54-115	%REC	2.5 4/22/2009 08:56 PM
Surr: Phenol-d5	91.9	0	58-112	%REC	2.5 4/22/2009 08:56 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341			PrepDate:	Analyst: DDL
pH	7.5	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-013B

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.91	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1,1-Trichloroethane	ND	1.3	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1,2,2-Tetrachloroethane	ND	2.9	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1,2-Trichloroethane	ND	1.2	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1-Dichloroethane	ND	0.58	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1-Dichloroethene	ND	0.43	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,1-Dichloropropene	ND	2.0	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2,3-Trichlorobenzene	ND	3.5	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2,3-Trichloropropane	ND	2.2	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2,4-Trichlorobenzene	ND	2.2	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2,4-Trimethylbenzene	ND	0.99	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2-Dibromo-3-chloropropane	ND	3.0	9.5	µg/Kg	1	4/21/2009 02:31 PM	
1,2-Dibromoethane	ND	0.92	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2-Dichlorobenzene	ND	2.0	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2-Dichloroethane	ND	1.8	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,2-Dichloropropane	ND	1.5	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,3,5-Trimethylbenzene	ND	0.74	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,3-Dichlorobenzene	ND	1.6	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,3-Dichloropropane	ND	0.30	4.7	µg/Kg	1	4/21/2009 02:31 PM	
1,4-Dichlorobenzene	ND	1.7	4.7	µg/Kg	1	4/21/2009 02:31 PM	
2,2-Dichloropropane	ND	0.46	4.7	µg/Kg	1	4/21/2009 02:31 PM	
2-Chlorotoluene	ND	0.84	4.7	µg/Kg	1	4/21/2009 02:31 PM	
4-Chlorotoluene	ND	1.1	4.7	µg/Kg	1	4/21/2009 02:31 PM	
4-Isopropyltoluene	ND	1.1	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Benzene	ND	0.61	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Bromobenzene	ND	1.2	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Bromodichloromethane	ND	1.3	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Bromoform	ND	1.9	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Bromomethane	ND	0.65	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Carbon tetrachloride	ND	1.3	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Chlorobenzene	ND	0.62	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Chloroethane	ND	0.83	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Chloroform	ND	1.4	4.7	µg/Kg	1	4/21/2009 02:31 PM	
Chloromethane	ND	0.36	4.7	µg/Kg	1	4/21/2009 02:31 PM	
cis-1,2-Dichloroethene	ND	1.7	4.7	µg/Kg	1	4/21/2009 02:31 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-013B

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.71	4.7	µg/Kg	1	4/21/2009 02:31 PM
Dibromochloromethane	ND	0.68	4.7	µg/Kg	1	4/21/2009 02:31 PM
Dibromomethane	ND	1.1	4.7	µg/Kg	1	4/21/2009 02:31 PM
Dichlorodifluoromethane	ND	0.51	4.7	µg/Kg	1	4/21/2009 02:31 PM
Ethylbenzene	ND	0.30	4.7	µg/Kg	1	4/21/2009 02:31 PM
Hexachlorobutadiene	ND	2.1	4.7	µg/Kg	1	4/21/2009 02:31 PM
Isopropylbenzene	ND	0.54	4.7	µg/Kg	1	4/21/2009 02:31 PM
m,p-Xylene	ND	0.65	9.5	µg/Kg	1	4/21/2009 02:31 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/21/2009 02:31 PM
n-Butylbenzene	ND	1.1	4.7	µg/Kg	1	4/21/2009 02:31 PM
n-Propylbenzene	ND	0.65	4.7	µg/Kg	1	4/21/2009 02:31 PM
Naphthalene	ND	2.4	4.7	µg/Kg	1	4/21/2009 02:31 PM
o-Xylene	ND	0.47	4.7	µg/Kg	1	4/21/2009 02:31 PM
sec-Butylbenzene	ND	0.99	4.7	µg/Kg	1	4/21/2009 02:31 PM
Styrene	ND	0.57	4.7	µg/Kg	1	4/21/2009 02:31 PM
tert-Butylbenzene	ND	0.99	4.7	µg/Kg	1	4/21/2009 02:31 PM
Tetrachloroethene	40	1.0	4.7	µg/Kg	1	4/21/2009 02:31 PM
Toluene	ND	0.53	4.7	µg/Kg	1	4/21/2009 02:31 PM
trans-1,2-Dichloroethene	ND	0.50	4.7	µg/Kg	1	4/21/2009 02:31 PM
Trichloroethene	5.4	1.4	4.7	µg/Kg	1	4/21/2009 02:31 PM
Trichlorofluoromethane	ND	0.52	4.7	µg/Kg	1	4/21/2009 02:31 PM
Vinyl chloride	ND	0.40	4.7	µg/Kg	1	4/21/2009 02:31 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/21/2009 02:31 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/21/2009 02:31 PM
Surr: Dibromofluoromethane	114	0	72-141	%REC	1	4/21/2009 02:31 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/21/2009 02:31 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-013E

Client Sample ID: 1001-103-2-S
Collection Date: 4/20/2009 11:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.14	0.96	mg/Kg 1 4/21/2009 10:46 PM
Surr: Bromofluorobenzene (FID)	104 0	59-145	%REC 1 4/21/2009 10:46 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.19	0.96	mg/Kg 1 4/21/2009 10:46 PM
Surr: Bromofluorobenzene (FID)	104 0	59-145	%REC 1 4/21/2009 10:46 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014A

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:43 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Barium	110	0.13	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Chromium	17	0.088	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Cobalt	7.0	0.014	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Copper	16	0.26	2.0	mg/Kg	1	4/24/2009 07:43 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Nickel	12	0.032	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Vanadium	44	0.019	1.0	mg/Kg	1	4/24/2009 07:43 PM	
Zinc	42	0.19	1.0	mg/Kg	1	4/24/2009 07:43 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	42	10	10	mg/Kg	1	4/25/2009 02:05 PM	
Surr: p-Terphenyl	98.9	0	57-144	%REC	1	4/25/2009 02:05 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	22	10	10	mg/Kg	1	4/25/2009 02:05 PM	
T/R Hydrocarbons: C23-C32	23	10	10	mg/Kg	1	4/25/2009 02:05 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 02:05 PM	
Surr: p-Terphenyl	98.9	0	57-144	%REC	1	4/25/2009 02:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014A

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090422A	QC Batch: 54929	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 10:13 PM
Surr: Decachlorobiphenyl	87.4 0	30-124	%REC 1 4/22/2009 10:13 PM
Surr: Tetrachloro-m-xylene	104 0	40-118	%REC 1 4/22/2009 10:13 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:39 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 09:24 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 09:24 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 09:24 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 09:24 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 09:24 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 09:24 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 09:24 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 09:24 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 09:24 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 09:24 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 09:24 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 09:24 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 09:24 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 09:24 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 09:24 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014A

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 09:24 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 09:24 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 09:24 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 09:24 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 09:24 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 09:24 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 09:24 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 09:24 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 09:24 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 09:24 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 09:24 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 09:24 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 09:24 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 09:24 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 09:24 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 09:24 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 09:24 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 09:24 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 09:24 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 09:24 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 09:24 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 09:24 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 09:24 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 09:24 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 09:24 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 09:24 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 09:24 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 09:24 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 09:24 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 09:24 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 09:24 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 09:24 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 09:24 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 09:24 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 09:24 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014A

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422A	QC Batch: 54911	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 09:24 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 09:24 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 09:24 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 09:24 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 09:24 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 09:24 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 09:24 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 09:24 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 09:24 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 09:24 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 09:24 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 09:24 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 09:24 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 09:24 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 09:24 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 09:24 PM
Surr: 1,2-Dichlorobenzene-d4	91.7	0	49-103	%REC	1	4/22/2009 09:24 PM
Surr: 2,4,6-Tribromophenol	95.1	0	47-129	%REC	1	4/22/2009 09:24 PM
Surr: 2-Chlorophenol-d4	97.1	0	54-109	%REC	1	4/22/2009 09:24 PM
Surr: 2-Fluorobiphenyl	97.1	0	59-108	%REC	1	4/22/2009 09:24 PM
Surr: 2-Fluorophenol	95.6	0	50-111	%REC	1	4/22/2009 09:24 PM
Surr: 4-Terphenyl-d14	121	0	58-135	%REC	1	4/22/2009 09:24 PM
Surr: Nitrobenzene-d5	95.6	0	54-115	%REC	1	4/22/2009 09:24 PM
Surr: Phenol-d5	101	0	58-112	%REC	1	4/22/2009 09:24 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.3	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014B

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.81	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1,1-Trichloroethane	ND	1.1	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1,2,2-Tetrachloroethane	ND	2.6	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1,2-Trichloroethane	ND	1.1	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1-Dichloroethane	ND	0.52	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1-Dichloroethene	ND	0.38	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,1-Dichloropropene	ND	1.8	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2,3-Trichlorobenzene	ND	3.2	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2,3-Trichloropropane	ND	2.0	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2,4-Trichlorobenzene	ND	2.0	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2,4-Trimethylbenzene	ND	0.88	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2-Dibromo-3-chloropropane	ND	2.7	8.5	µg/Kg	1	4/21/2009 02:48 PM	
1,2-Dibromoethane	ND	0.82	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2-Dichlorobenzene	ND	1.8	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2-Dichloroethane	ND	1.6	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,2-Dichloropropane	ND	1.3	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,3,5-Trimethylbenzene	ND	0.66	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,3-Dichlorobenzene	ND	1.4	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,3-Dichloropropane	ND	0.27	4.2	µg/Kg	1	4/21/2009 02:48 PM	
1,4-Dichlorobenzene	ND	1.5	4.2	µg/Kg	1	4/21/2009 02:48 PM	
2,2-Dichloropropane	ND	0.41	4.2	µg/Kg	1	4/21/2009 02:48 PM	
2-Chlorotoluene	ND	0.75	4.2	µg/Kg	1	4/21/2009 02:48 PM	
4-Chlorotoluene	ND	0.96	4.2	µg/Kg	1	4/21/2009 02:48 PM	
4-Isopropyltoluene	ND	0.94	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Benzene	ND	0.54	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Bromobenzene	ND	1.1	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Bromodichloromethane	ND	1.1	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Bromoform	ND	1.7	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Bromomethane	ND	0.58	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Carbon tetrachloride	ND	1.2	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Chlorobenzene	ND	0.55	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Chloroethane	ND	0.74	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Chloroform	ND	1.3	4.2	µg/Kg	1	4/21/2009 02:48 PM	
Chloromethane	ND	0.32	4.2	µg/Kg	1	4/21/2009 02:48 PM	
cis-1,2-Dichloroethene	ND	1.5	4.2	µg/Kg	1	4/21/2009 02:48 PM	

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CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014B

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.64	4.2	µg/Kg 1 4/21/2009 02:48 PM
Dibromochloromethane	ND 0.61	4.2	µg/Kg 1 4/21/2009 02:48 PM
Dibromomethane	ND 1.0	4.2	µg/Kg 1 4/21/2009 02:48 PM
Dichlorodifluoromethane	ND 0.46	4.2	µg/Kg 1 4/21/2009 02:48 PM
Ethylbenzene	ND 0.27	4.2	µg/Kg 1 4/21/2009 02:48 PM
Hexachlorobutadiene	ND 1.9	4.2	µg/Kg 1 4/21/2009 02:48 PM
Isopropylbenzene	ND 0.48	4.2	µg/Kg 1 4/21/2009 02:48 PM
m,p-Xylene	ND 0.58	8.5	µg/Kg 1 4/21/2009 02:48 PM
Methylene chloride	ND 4.2	4.2	µg/Kg 1 4/21/2009 02:48 PM
n-Butylbenzene	ND 1.0	4.2	µg/Kg 1 4/21/2009 02:48 PM
n-Propylbenzene	ND 0.58	4.2	µg/Kg 1 4/21/2009 02:48 PM
Naphthalene	ND 2.1	4.2	µg/Kg 1 4/21/2009 02:48 PM
o-Xylene	ND 0.42	4.2	µg/Kg 1 4/21/2009 02:48 PM
sec-Butylbenzene	ND 0.88	4.2	µg/Kg 1 4/21/2009 02:48 PM
Styrene	ND 0.51	4.2	µg/Kg 1 4/21/2009 02:48 PM
tert-Butylbenzene	ND 0.88	4.2	µg/Kg 1 4/21/2009 02:48 PM
Tetrachloroethene	9.9 0.89	4.2	µg/Kg 1 4/21/2009 02:48 PM
Toluene	ND 0.47	4.2	µg/Kg 1 4/21/2009 02:48 PM
trans-1,2-Dichloroethene	ND 0.45	4.2	µg/Kg 1 4/21/2009 02:48 PM
Trichloroethene	ND 1.3	4.2	µg/Kg 1 4/21/2009 02:48 PM
Trichlorofluoromethane	ND 0.47	4.2	µg/Kg 1 4/21/2009 02:48 PM
Vinyl chloride	ND 0.36	4.2	µg/Kg 1 4/21/2009 02:48 PM
Surr: 1,2-Dichloroethane-d4	117 0	68-147	%REC 1 4/21/2009 02:48 PM
Surr: 4-Bromofluorobenzene	100 0	67-127	%REC 1 4/21/2009 02:48 PM
Surr: Dibromofluoromethane	112 0	72-141	%REC 1 4/21/2009 02:48 PM
Surr: Toluene-d8	107 0	75-120	%REC 1 4/21/2009 02:48 PM

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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-014E

Client Sample ID: 1001-103-5-S
Collection Date: 4/20/2009 11:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.15	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	99.5 0	59-145	%REC

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.19	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	99.5 0	59-145	%REC

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-015A

Client Sample ID: 1001-103-10-S
Collection Date: 4/20/2009 11:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	EPA 3050B			EPA 6010B		
	QC Batch:	54942		PrepDate:	4/23/2009	Analyst: CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:46 PM
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:46 PM
Barium	110	0.13	1.0	mg/Kg	1	4/24/2009 07:46 PM
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:46 PM
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:46 PM
Chromium	18	0.088	1.0	mg/Kg	1	4/24/2009 07:46 PM
Cobalt	7.0	0.014	1.0	mg/Kg	1	4/24/2009 07:46 PM
Copper	18	0.26	2.0	mg/Kg	1	4/24/2009 07:46 PM
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:46 PM
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:46 PM
Nickel	13	0.032	1.0	mg/Kg	1	4/24/2009 07:46 PM
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:46 PM
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:46 PM
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:46 PM
Vanadium	44	0.019	1.0	mg/Kg	1	4/24/2009 07:46 PM
Zinc	39	0.19	1.0	mg/Kg	1	4/24/2009 07:46 PM

HEXAVALENT CHROMIUM

RunID:	EPA 7196A		
QC Batch:	54996	PrepDate:	4/23/2009
Chromium, Hexavalent	ND	0.074	0.10 mg/Kg

DIESEL RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)		
QC Batch:	54919	PrepDate:	4/22/2009
DRO	37	10	10 mg/Kg
Surr: p-Terphenyl	103	0	57-144 %REC

HYDROCARBON CHAIN IDENTIFICATION

RunID:	EPA 8015B(M)		
QC Batch:	54919	PrepDate:	4/22/2009
T/R Hydrocarbons: C13-C22	21	10	10 mg/Kg
T/R Hydrocarbons: C23-C32	22	10	10 mg/Kg
T/R Hydrocarbons:>C32	ND	10	10 mg/Kg
Surr: p-Terphenyl	103	0	57-144 %REC

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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC4_090422A	QC Batch: 54929			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 10:43 PM	
Surr: Decachlorobiphenyl	86.0	0	30-124	%REC	1	4/22/2009 10:43 PM	
Surr: Tetrachloro-m-xylene	102	0	40-118	%REC	1	4/22/2009 10:43 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090422D	QC Batch: 54901			PrepDate:	4/22/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:41 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 12:09 AM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 12:09 AM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 12:09 AM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 12:09 AM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 12:09 AM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 12:09 AM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 12:09 AM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 12:09 AM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 12:09 AM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 12:09 AM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 12:09 AM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 12:09 AM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 12:09 AM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 12:09 AM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 12:09 AM	

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/23/2009 12:09 AM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/23/2009 12:09 AM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/23/2009 12:09 AM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 12:09 AM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/23/2009 12:09 AM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/23/2009 12:09 AM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/23/2009 12:09 AM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/23/2009 12:09 AM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/23/2009 12:09 AM
4-Methylphenol	ND 79	330	µg/Kg 1 4/23/2009 12:09 AM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 12:09 AM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/23/2009 12:09 AM
Acenaphthene	ND 70	330	µg/Kg 1 4/23/2009 12:09 AM
Acenaphthylene	ND 69	330	µg/Kg 1 4/23/2009 12:09 AM
Anthracene	ND 76	330	µg/Kg 1 4/23/2009 12:09 AM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/23/2009 12:09 AM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/23/2009 12:09 AM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/23/2009 12:09 AM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/23/2009 12:09 AM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/23/2009 12:09 AM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/23/2009 12:09 AM
Benzoic acid	ND 64	1600	µg/Kg 1 4/23/2009 12:09 AM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/23/2009 12:09 AM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/23/2009 12:09 AM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/23/2009 12:09 AM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/23/2009 12:09 AM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/23/2009 12:09 AM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/23/2009 12:09 AM
Chrysene	ND 79	330	µg/Kg 1 4/23/2009 12:09 AM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/23/2009 12:09 AM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/23/2009 12:09 AM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/23/2009 12:09 AM
Dibenzofuran	ND 68	330	µg/Kg 1 4/23/2009 12:09 AM
Diethylphthalate	ND 74	330	µg/Kg 1 4/23/2009 12:09 AM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/23/2009 12:09 AM

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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-015A

Client Sample ID: 1001-103-10-S
Collection Date: 4/20/2009 11:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 12:09 AM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 12:09 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 12:09 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 12:09 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 12:09 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 12:09 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 12:09 AM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 12:09 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 12:09 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 12:09 AM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 12:09 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 12:09 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 12:09 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 12:09 AM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 12:09 AM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 12:09 AM
Surr: 1,2-Dichlorobenzene-d4	85.6	0	49-103	%REC	1	4/23/2009 12:09 AM
Surr: 2,4,6-Tribromophenol	93.5	0	47-129	%REC	1	4/23/2009 12:09 AM
Surr: 2-Chlorophenol-d4	90.5	0	54-109	%REC	1	4/23/2009 12:09 AM
Surr: 2-Fluorobiphenyl	96.1	0	59-108	%REC	1	4/23/2009 12:09 AM
Surr: 2-Fluorophenol	87.9	0	50-111	%REC	1	4/23/2009 12:09 AM
Surr: 4-Terphenyl-d14	123	0	58-135	%REC	1	4/23/2009 12:09 AM
Surr: Nitrobenzene-d5	88.8	0	54-115	%REC	1	4/23/2009 12:09 AM
Surr: Phenol-d5	94.4	0	58-112	%REC	1	4/23/2009 12:09 AM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-015B

Client Sample ID: 1001-103-10-S
Collection Date: 4/20/2009 11:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.85	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1,1-Trichloroethane	ND	1.2	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1,2,2-Tetrachloroethane	ND	2.7	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1,2-Trichloroethane	ND	1.1	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1-Dichloroethane	ND	0.54	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1-Dichloroethene	ND	0.40	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,1-Dichloropropene	ND	1.9	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2,3-Trichlorobenzene	ND	3.3	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2,3-Trichloropropane	ND	2.0	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2,4-Trimethylbenzene	ND	0.92	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2-Dibromo-3-chloropropane	ND	2.8	8.8	µg/Kg	1	4/21/2009 03:05 PM	
1,2-Dibromoethane	ND	0.86	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2-Dichlorobenzene	ND	1.9	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2-Dichloroethane	ND	1.6	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,2-Dichloropropane	ND	1.4	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,3,5-Trimethylbenzene	ND	0.69	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,3-Dichlorobenzene	ND	1.5	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,3-Dichloropropane	ND	0.28	4.4	µg/Kg	1	4/21/2009 03:05 PM	
1,4-Dichlorobenzene	ND	1.6	4.4	µg/Kg	1	4/21/2009 03:05 PM	
2,2-Dichloropropane	ND	0.42	4.4	µg/Kg	1	4/21/2009 03:05 PM	
2-Chlorotoluene	ND	0.78	4.4	µg/Kg	1	4/21/2009 03:05 PM	
4-Chlorotoluene	ND	1.0	4.4	µg/Kg	1	4/21/2009 03:05 PM	
4-Isopropyltoluene	ND	0.98	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Benzene	ND	0.56	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Bromobenzene	ND	1.1	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Bromodichloromethane	ND	1.2	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Bromoform	ND	1.7	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Bromomethane	ND	0.60	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Carbon tetrachloride	ND	1.2	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Chlorobenzene	ND	0.57	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Chloroethane	ND	0.77	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Chloroform	ND	1.3	4.4	µg/Kg	1	4/21/2009 03:05 PM	
Chloromethane	ND	0.34	4.4	µg/Kg	1	4/21/2009 03:05 PM	
cis-1,2-Dichloroethene	ND	1.6	4.4	µg/Kg	1	4/21/2009 03:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Lab Order: 105139
Project: 207126015
Lab ID: 105139-015B

Client Sample ID: 1001-103-10-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.66	4.4	µg/Kg	1	4/21/2009 03:05 PM
Dibromochloromethane	ND	0.63	4.4	µg/Kg	1	4/21/2009 03:05 PM
Dibromomethane	ND	1.0	4.4	µg/Kg	1	4/21/2009 03:05 PM
Dichlorodifluoromethane	ND	0.48	4.4	µg/Kg	1	4/21/2009 03:05 PM
Ethylbenzene	ND	0.28	4.4	µg/Kg	1	4/21/2009 03:05 PM
Hexachlorobutadiene	ND	2.0	4.4	µg/Kg	1	4/21/2009 03:05 PM
Isopropylbenzene	ND	0.50	4.4	µg/Kg	1	4/21/2009 03:05 PM
m,p-Xylene	ND	0.61	8.8	µg/Kg	1	4/21/2009 03:05 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/21/2009 03:05 PM
n-Butylbenzene	ND	1.1	4.4	µg/Kg	1	4/21/2009 03:05 PM
n-Propylbenzene	ND	0.60	4.4	µg/Kg	1	4/21/2009 03:05 PM
Naphthalene	ND	2.2	4.4	µg/Kg	1	4/21/2009 03:05 PM
o-Xylene	ND	0.44	4.4	µg/Kg	1	4/21/2009 03:05 PM
sec-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/21/2009 03:05 PM
Styrene	ND	0.53	4.4	µg/Kg	1	4/21/2009 03:05 PM
tert-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/21/2009 03:05 PM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/21/2009 03:05 PM
Toluene	ND	0.49	4.4	µg/Kg	1	4/21/2009 03:05 PM
trans-1,2-Dichloroethene	ND	0.47	4.4	µg/Kg	1	4/21/2009 03:05 PM
Trichloroethene	ND	1.3	4.4	µg/Kg	1	4/21/2009 03:05 PM
Trichlorofluoromethane	ND	0.49	4.4	µg/Kg	1	4/21/2009 03:05 PM
Vinyl chloride	ND	0.37	4.4	µg/Kg	1	4/21/2009 03:05 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/21/2009 03:05 PM
Surr: 4-Bromofluorobenzene	104	0	67-127	%REC	1	4/21/2009 03:05 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/21/2009 03:05 PM
Surr: Toluene-d8	111	0	75-120	%REC	1	4/21/2009 03:05 PM

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E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-015E

Client Sample ID: 1001-103-10-S
Collection Date: 4/20/2009 11:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.15	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	97.3 0	59-145	%REC

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	97.3 0	59-145	%REC

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-016A

Client Sample ID: 1001-103-20-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:48 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Cobalt	9.0	0.014	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Copper	23	0.26	2.0	mg/Kg	1	4/24/2009 07:48 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Nickel	15	0.032	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Vanadium	52	0.019	1.0	mg/Kg	1	4/24/2009 07:48 PM	
Zinc	48	0.19	1.0	mg/Kg	1	4/24/2009 07:48 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	32	10	10	mg/Kg	1	4/25/2009 02:23 PM	
Surr: p-Terphenyl	98.0	0	57-144	%REC	1	4/25/2009 02:23 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	14	10	10	mg/Kg	1	4/25/2009 02:23 PM	
T/R Hydrocarbons: C23-C32	12	10	10	mg/Kg	1	4/25/2009 02:23 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 02:23 PM	
Surr: p-Terphenyl	98.0	0	57-144	%REC	1	4/25/2009 02:23 PM	

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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090422A	QC Batch: 54929	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/22/2009 11:12 PM
Surr: Decachlorobiphenyl	87.9 0	30-124	%REC 1 4/22/2009 11:12 PM
Surr: Tetrachloro-m-xylene	94.4 0	40-118	%REC 1 4/22/2009 11:12 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:43 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/22/2009 11:42 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/22/2009 11:42 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/22/2009 11:42 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/22/2009 11:42 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/22/2009 11:42 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/22/2009 11:42 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/22/2009 11:42 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/22/2009 11:42 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/22/2009 11:42 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 11:42 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/22/2009 11:42 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/22/2009 11:42 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/22/2009 11:42 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/22/2009 11:42 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/22/2009 11:42 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/22/2009 11:42 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/22/2009 11:42 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/22/2009 11:42 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 11:42 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/22/2009 11:42 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/22/2009 11:42 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/22/2009 11:42 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/22/2009 11:42 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/22/2009 11:42 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/22/2009 11:42 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/22/2009 11:42 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/22/2009 11:42 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/22/2009 11:42 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/22/2009 11:42 PM
Anthracene	ND	76	330	µg/Kg	1	4/22/2009 11:42 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/22/2009 11:42 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/22/2009 11:42 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/22/2009 11:42 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/22/2009 11:42 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/22/2009 11:42 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/22/2009 11:42 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/22/2009 11:42 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/22/2009 11:42 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/22/2009 11:42 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/22/2009 11:42 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/22/2009 11:42 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/22/2009 11:42 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/22/2009 11:42 PM
Chrysene	ND	79	330	µg/Kg	1	4/22/2009 11:42 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/22/2009 11:42 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/22/2009 11:42 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/22/2009 11:42 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/22/2009 11:42 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/22/2009 11:42 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/22/2009 11:42 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-016A

Client Sample ID: 1001-103-20-S
Collection Date: 4/20/2009 11:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/22/2009 11:42 PM
Fluorene	ND	69	330	µg/Kg	1	4/22/2009 11:42 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/22/2009 11:42 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/22/2009 11:42 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/22/2009 11:42 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/22/2009 11:42 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/22/2009 11:42 PM
Isophorone	ND	85	330	µg/Kg	1	4/22/2009 11:42 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/22/2009 11:42 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/22/2009 11:42 PM
Naphthalene	ND	86	330	µg/Kg	1	4/22/2009 11:42 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/22/2009 11:42 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/22/2009 11:42 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/22/2009 11:42 PM
Phenol	ND	95	330	µg/Kg	1	4/22/2009 11:42 PM
Pyrene	ND	77	330	µg/Kg	1	4/22/2009 11:42 PM
Surr: 1,2-Dichlorobenzene-d4	82.8	0	49-103	%REC	1	4/22/2009 11:42 PM
Surr: 2,4,6-Tribromophenol	95.9	0	47-129	%REC	1	4/22/2009 11:42 PM
Surr: 2-Chlorophenol-d4	88.4	0	54-109	%REC	1	4/22/2009 11:42 PM
Surr: 2-Fluorobiphenyl	94.4	0	59-108	%REC	1	4/22/2009 11:42 PM
Surr: 2-Fluorophenol	86.5	0	50-111	%REC	1	4/22/2009 11:42 PM
Surr: 4-Terphenyl-d14	123	0	58-135	%REC	1	4/22/2009 11:42 PM
Surr: Nitrobenzene-d5	87.7	0	54-115	%REC	1	4/22/2009 11:42 PM
Surr: Phenol-d5	92.8	0	58-112	%REC	1	4/22/2009 11:42 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-016B

Client Sample ID: 1001-103-20-S
Collection Date: 4/20/2009 11:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.90	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1,1-Trichloroethane	ND	1.3	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1,2,2-Tetrachloroethane	ND	2.9	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1,2-Trichloroethane	ND	1.2	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1-Dichloroethane	ND	0.57	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1-Dichloroethene	ND	0.42	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,1-Dichloropropene	ND	2.0	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2,3-Trichlorobenzene	ND	3.5	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2,3-Trichloropropane	ND	2.2	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2,4-Trichlorobenzene	ND	2.2	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2,4-Trimethylbenzene	ND	0.98	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2-Dibromo-3-chloropropane	ND	3.0	9.4	µg/Kg	1	4/21/2009 03:23 PM	
1,2-Dibromoethane	ND	0.91	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2-Dichlorobenzene	ND	2.0	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2-Dichloroethane	ND	1.7	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,2-Dichloropropane	ND	1.5	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,3,5-Trimethylbenzene	ND	0.73	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,3-Dichlorobenzene	ND	1.6	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,3-Dichloropropane	ND	0.30	4.7	µg/Kg	1	4/21/2009 03:23 PM	
1,4-Dichlorobenzene	ND	1.7	4.7	µg/Kg	1	4/21/2009 03:23 PM	
2,2-Dichloropropane	ND	0.45	4.7	µg/Kg	1	4/21/2009 03:23 PM	
2-Chlorotoluene	ND	0.84	4.7	µg/Kg	1	4/21/2009 03:23 PM	
4-Chlorotoluene	ND	1.1	4.7	µg/Kg	1	4/21/2009 03:23 PM	
4-Isopropyltoluene	ND	1.0	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Benzene	ND	0.60	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Bromobenzene	ND	1.2	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Bromodichloromethane	ND	1.2	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Bromoform	ND	1.9	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Bromomethane	ND	0.64	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Carbon tetrachloride	ND	1.3	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Chlorobenzene	ND	0.61	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Chloroethane	ND	0.82	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Chloroform	ND	1.4	4.7	µg/Kg	1	4/21/2009 03:23 PM	
Chloromethane	ND	0.36	4.7	µg/Kg	1	4/21/2009 03:23 PM	
cis-1,2-Dichloroethene	ND	1.7	4.7	µg/Kg	1	4/21/2009 03:23 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-016B

Client Sample ID: 1001-103-20-S
Collection Date: 4/20/2009 11:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.71	4.7	µg/Kg 1 4/21/2009 03:23 PM
Dibromochloromethane	ND 0.68	4.7	µg/Kg 1 4/21/2009 03:23 PM
Dibromomethane	ND 1.1	4.7	µg/Kg 1 4/21/2009 03:23 PM
Dichlorodifluoromethane	ND 0.51	4.7	µg/Kg 1 4/21/2009 03:23 PM
Ethylbenzene	ND 0.30	4.7	µg/Kg 1 4/21/2009 03:23 PM
Hexachlorobutadiene	ND 2.1	4.7	µg/Kg 1 4/21/2009 03:23 PM
Isopropylbenzene	ND 0.54	4.7	µg/Kg 1 4/21/2009 03:23 PM
m,p-Xylene	ND 0.65	9.4	µg/Kg 1 4/21/2009 03:23 PM
Methylene chloride	ND 4.7	4.7	µg/Kg 1 4/21/2009 03:23 PM
n-Butylbenzene	ND 1.1	4.7	µg/Kg 1 4/21/2009 03:23 PM
n-Propylbenzene	ND 0.64	4.7	µg/Kg 1 4/21/2009 03:23 PM
Naphthalene	ND 2.4	4.7	µg/Kg 1 4/21/2009 03:23 PM
o-Xylene	ND 0.47	4.7	µg/Kg 1 4/21/2009 03:23 PM
sec-Butylbenzene	ND 0.98	4.7	µg/Kg 1 4/21/2009 03:23 PM
Styrene	ND 0.56	4.7	µg/Kg 1 4/21/2009 03:23 PM
tert-Butylbenzene	ND 0.98	4.7	µg/Kg 1 4/21/2009 03:23 PM
Tetrachloroethene	ND 0.99	4.7	µg/Kg 1 4/21/2009 03:23 PM
Toluene	ND 0.53	4.7	µg/Kg 1 4/21/2009 03:23 PM
trans-1,2-Dichloroethene	ND 0.50	4.7	µg/Kg 1 4/21/2009 03:23 PM
Trichloroethene	ND 1.4	4.7	µg/Kg 1 4/21/2009 03:23 PM
Trichlorofluoromethane	ND 0.52	4.7	µg/Kg 1 4/21/2009 03:23 PM
Vinyl chloride	ND 0.40	4.7	µg/Kg 1 4/21/2009 03:23 PM
Surr: 1,2-Dichloroethane-d4	120 0	68-147	%REC 1 4/21/2009 03:23 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/21/2009 03:23 PM
Surr: Dibromofluoromethane	115 0	72-141	%REC 1 4/21/2009 03:23 PM
Surr: Toluene-d8	108 0	75-120	%REC 1 4/21/2009 03:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-016E

Client Sample ID: 1001-103-20-S
Collection Date: 4/20/2009 11:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.13	0.86	mg/Kg	1 4/21/2009 11:33 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 11:33 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.17	0.86	mg/Kg	1 4/21/2009 11:33 PM
Surr: Bromofluorobenzene (FID)	110	0	59-145	%REC	1 4/21/2009 11:33 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017A

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	EPA 3050B			EPA 6010B			
	QC Batch:	54942		PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:51 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Barium	180	0.13	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Cadmium	2.0	0.0064	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Chromium	24	0.088	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Cobalt	8.5	0.014	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Copper	35	0.26	2.0	mg/Kg	1	4/24/2009 07:51 PM	
Lead	42	0.11	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Nickel	16	0.032	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Vanadium	49	0.019	1.0	mg/Kg	1	4/24/2009 07:51 PM	
Zinc	260	0.19	1.0	mg/Kg	1	4/24/2009 07:51 PM	

HEXAVALENT CHROMIUM

RunID:	EPA 7196A			PrepDate:	4/23/2009	Analyst:	CBB
QC Batch:	54996						
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)			PrepDate:	4/22/2009	Analyst:	CBR
QC Batch:	54919						
DRO	37	10	10	mg/Kg	1	4/25/2009 02:32 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/25/2009 02:32 PM	

HYDROCARBON CHAIN IDENTIFICATION

RunID:	EPA 8015B(M)			PrepDate:	4/22/2009	Analyst:	CBR
QC Batch:	54919						
T/R Hydrocarbons: C13-C22	20	10	10	mg/Kg	1	4/25/2009 02:32 PM	
T/R Hydrocarbons: C23-C32	21	10	10	mg/Kg	1	4/25/2009 02:32 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 02:32 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/25/2009 02:32 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017A

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC4_090422A	QC Batch: 54929				PrepDate: 4/22/2009		Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1260	28	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/22/2009 11:42 PM	
Surr: Decachlorobiphenyl	59.3	0	30-124	%REC	1	4/22/2009 11:42 PM	
Surr: Tetrachloro-m-xylene	67.7	0	40-118	%REC	1	4/22/2009 11:42 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090422D	QC Batch: 54901				PrepDate: 4/22/2009		Analyst: RQ
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:49 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422B	QC Batch: 54912				PrepDate: 4/22/2009		Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 12:37 AM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 12:37 AM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 12:37 AM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 12:37 AM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 12:37 AM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 12:37 AM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 12:37 AM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 12:37 AM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 12:37 AM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 12:37 AM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 12:37 AM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 12:37 AM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 12:37 AM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 12:37 AM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 12:37 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017A

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 12:37 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 12:37 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 12:37 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 12:37 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 12:37 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 12:37 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 12:37 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 12:37 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 12:37 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 12:37 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 12:37 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 12:37 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 12:37 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 12:37 AM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 12:37 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 12:37 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 12:37 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 12:37 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 12:37 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 12:37 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 12:37 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 12:37 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 12:37 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 12:37 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 12:37 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 12:37 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 12:37 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 12:37 AM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 12:37 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 12:37 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 12:37 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 12:37 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 12:37 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 12:37 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 12:37 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017A

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 12:37 AM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 12:37 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 12:37 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 12:37 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 12:37 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 12:37 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 12:37 AM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 12:37 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 12:37 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 12:37 AM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 12:37 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 12:37 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 12:37 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 12:37 AM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 12:37 AM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 12:37 AM
Surr: 1,2-Dichlorobenzene-d4	87.2	0	49-103	%REC	1	4/23/2009 12:37 AM
Surr: 2,4,6-Tribromophenol	94.4	0	47-129	%REC	1	4/23/2009 12:37 AM
Surr: 2-Chlorophenol-d4	94.0	0	54-109	%REC	1	4/23/2009 12:37 AM
Surr: 2-Fluorobiphenyl	97.3	0	59-108	%REC	1	4/23/2009 12:37 AM
Surr: 2-Fluorophenol	90.4	0	50-111	%REC	1	4/23/2009 12:37 AM
Surr: 4-Terphenyl-d14	119	0	58-135	%REC	1	4/23/2009 12:37 AM
Surr: Nitrobenzene-d5	92.6	0	54-115	%REC	1	4/23/2009 12:37 AM
Surr: Phenol-d5	96.3	0	58-112	%REC	1	4/23/2009 12:37 AM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.6	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017B

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.1	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1,1-Trichloroethane	ND	1.6	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1,2,2-Tetrachloroethane	ND	3.6	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1,2-Trichloroethane	ND	1.5	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1-Dichloroethane	ND	0.71	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1-Dichloroethene	ND	0.53	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,1-Dichloropropene	ND	2.5	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2,3-Trichlorobenzene	ND	4.4	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2,3-Trichloropropane	ND	2.7	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2,4-Trichlorobenzene	ND	2.7	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2,4-Trimethylbenzene	ND	1.2	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2-Dibromo-3-chloropropane	ND	3.7	12	µg/Kg	1	4/21/2009 03:40 PM	
1,2-Dibromoethane	ND	1.1	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2-Dichlorobenzene	ND	2.5	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2-Dichloroethane	ND	2.2	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,2-Dichloropropane	ND	1.8	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,3,5-Trimethylbenzene	ND	0.91	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,3-Dichlorobenzene	ND	2.0	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,3-Dichloropropane	ND	0.37	5.9	µg/Kg	1	4/21/2009 03:40 PM	
1,4-Dichlorobenzene	ND	2.1	5.9	µg/Kg	1	4/21/2009 03:40 PM	
2,2-Dichloropropane	ND	0.56	5.9	µg/Kg	1	4/21/2009 03:40 PM	
2-Chlorotoluene	ND	1.0	5.9	µg/Kg	1	4/21/2009 03:40 PM	
4-Chlorotoluene	ND	1.3	5.9	µg/Kg	1	4/21/2009 03:40 PM	
4-Isopropyltoluene	ND	1.3	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Benzene	ND	0.75	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Bromobenzene	ND	1.5	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Bromodichloromethane	ND	1.5	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Bromoform	ND	2.3	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Bromomethane	ND	0.80	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Carbon tetrachloride	ND	1.6	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Chlorobenzene	ND	0.76	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Chloroethane	ND	1.0	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Chloroform	ND	1.7	5.9	µg/Kg	1	4/21/2009 03:40 PM	
Chloromethane	ND	0.44	5.9	µg/Kg	1	4/21/2009 03:40 PM	
cis-1,2-Dichloroethene	ND	2.1	5.9	µg/Kg	1	4/21/2009 03:40 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017B

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.88	5.9	µg/Kg 1 4/21/2009 03:40 PM
Dibromochloromethane	ND 0.84	5.9	µg/Kg 1 4/21/2009 03:40 PM
Dibromomethane	ND 1.4	5.9	µg/Kg 1 4/21/2009 03:40 PM
Dichlorodifluoromethane	ND 0.63	5.9	µg/Kg 1 4/21/2009 03:40 PM
Ethylbenzene	ND 0.37	5.9	µg/Kg 1 4/21/2009 03:40 PM
Hexachlorobutadiene	ND 2.6	5.9	µg/Kg 1 4/21/2009 03:40 PM
Isopropylbenzene	ND 0.67	5.9	µg/Kg 1 4/21/2009 03:40 PM
m,p-Xylene	ND 0.81	12	µg/Kg 1 4/21/2009 03:40 PM
Methylene chloride	ND 5.9	5.9	µg/Kg 1 4/21/2009 03:40 PM
n-Butylbenzene	ND 1.4	5.9	µg/Kg 1 4/21/2009 03:40 PM
n-Propylbenzene	ND 0.80	5.9	µg/Kg 1 4/21/2009 03:40 PM
Naphthalene	ND 2.9	5.9	µg/Kg 1 4/21/2009 03:40 PM
o-Xylene	ND 0.59	5.9	µg/Kg 1 4/21/2009 03:40 PM
sec-Butylbenzene	ND 1.2	5.9	µg/Kg 1 4/21/2009 03:40 PM
Styrene	ND 0.70	5.9	µg/Kg 1 4/21/2009 03:40 PM
tert-Butylbenzene	ND 1.2	5.9	µg/Kg 1 4/21/2009 03:40 PM
Tetrachloroethene	ND 1.2	5.9	µg/Kg 1 4/21/2009 03:40 PM
Toluene	ND 0.66	5.9	µg/Kg 1 4/21/2009 03:40 PM
trans-1,2-Dichloroethene	ND 0.62	5.9	µg/Kg 1 4/21/2009 03:40 PM
Trichloroethene	ND 1.8	5.9	µg/Kg 1 4/21/2009 03:40 PM
Trichlorofluoromethane	ND 0.64	5.9	µg/Kg 1 4/21/2009 03:40 PM
Vinyl chloride	ND 0.49	5.9	µg/Kg 1 4/21/2009 03:40 PM
Surr: 1,2-Dichloroethane-d4	121 0	68-147	%REC 1 4/21/2009 03:40 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/21/2009 03:40 PM
Surr: Dibromofluoromethane	117 0	72-141	%REC 1 4/21/2009 03:40 PM
Surr: Toluene-d8	111 0	75-120	%REC 1 4/21/2009 03:40 PM

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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-017E

Client Sample ID: 1001-104-2-S
Collection Date: 4/20/2009 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.16	1.1	mg/Kg	1	4/21/2009 11:48 PM
Surr: Bromofluorobenzene (FID)	97.5 0	59-145	%REC	1	4/21/2009 11:48 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.21	1.1	mg/Kg	1	4/21/2009 11:48 PM
Surr: Bromofluorobenzene (FID)	97.5 0	59-145	%REC	1	4/21/2009 11:48 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018A

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:54 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Barium	130	0.13	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Chromium	19	0.088	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Cobalt	7.3	0.014	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Copper	18	0.26	2.0	mg/Kg	1	4/24/2009 07:54 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Nickel	14	0.032	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Vanadium	47	0.019	1.0	mg/Kg	1	4/24/2009 07:54 PM	
Zinc	42	0.19	1.0	mg/Kg	1	4/24/2009 07:54 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	27	10	10	mg/Kg	1	4/25/2009 01:38 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 01:38 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	16	10	10	mg/Kg	1	4/25/2009 01:38 PM	
T/R Hydrocarbons: C23-C32	12	10	10	mg/Kg	1	4/25/2009 01:38 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 01:38 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 01:38 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018A

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC4_090422A	QC Batch: 54929			PrepDate:	4/22/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 12:12 AM	
Surr: Decachlorobiphenyl	84.0	0	30-124	%REC	1	4/23/2009 12:12 AM	
Surr: Tetrachloro-m-xylene	99.1	0	40-118	%REC	1	4/23/2009 12:12 AM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090422D	QC Batch: 54901			PrepDate:	4/22/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/22/2009 03:51 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 01:05 AM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 01:05 AM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 01:05 AM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 01:05 AM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 01:05 AM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 01:05 AM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 01:05 AM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 01:05 AM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 01:05 AM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 01:05 AM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 01:05 AM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 01:05 AM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 01:05 AM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 01:05 AM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 01:05 AM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018A

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/23/2009 01:05 AM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/23/2009 01:05 AM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/23/2009 01:05 AM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 01:05 AM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/23/2009 01:05 AM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/23/2009 01:05 AM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/23/2009 01:05 AM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/23/2009 01:05 AM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/23/2009 01:05 AM
4-Methylphenol	ND 79	330	µg/Kg 1 4/23/2009 01:05 AM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 01:05 AM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/23/2009 01:05 AM
Acenaphthene	ND 70	330	µg/Kg 1 4/23/2009 01:05 AM
Acenaphthylene	ND 69	330	µg/Kg 1 4/23/2009 01:05 AM
Anthracene	ND 76	330	µg/Kg 1 4/23/2009 01:05 AM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/23/2009 01:05 AM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/23/2009 01:05 AM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/23/2009 01:05 AM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/23/2009 01:05 AM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/23/2009 01:05 AM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/23/2009 01:05 AM
Benzoic acid	ND 64	1600	µg/Kg 1 4/23/2009 01:05 AM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/23/2009 01:05 AM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/23/2009 01:05 AM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/23/2009 01:05 AM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/23/2009 01:05 AM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/23/2009 01:05 AM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/23/2009 01:05 AM
Chrysene	ND 79	330	µg/Kg 1 4/23/2009 01:05 AM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/23/2009 01:05 AM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/23/2009 01:05 AM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/23/2009 01:05 AM
Dibenzofuran	ND 68	330	µg/Kg 1 4/23/2009 01:05 AM
Diethylphthalate	ND 74	330	µg/Kg 1 4/23/2009 01:05 AM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/23/2009 01:05 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018A

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 01:05 AM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 01:05 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 01:05 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 01:05 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 01:05 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 01:05 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 01:05 AM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 01:05 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 01:05 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 01:05 AM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 01:05 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 01:05 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 01:05 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 01:05 AM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 01:05 AM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 01:05 AM
Surr: 1,2-Dichlorobenzene-d4	87.5	0	49-103	%REC	1	4/23/2009 01:05 AM
Surr: 2,4,6-Tribromophenol	93.5	0	47-129	%REC	1	4/23/2009 01:05 AM
Surr: 2-Chlorophenol-d4	92.7	0	54-109	%REC	1	4/23/2009 01:05 AM
Surr: 2-Fluorobiphenyl	95.6	0	59-108	%REC	1	4/23/2009 01:05 AM
Surr: 2-Fluorophenol	91.3	0	50-111	%REC	1	4/23/2009 01:05 AM
Surr: 4-Terphenyl-d14	120	0	58-135	%REC	1	4/23/2009 01:05 AM
Surr: Nitrobenzene-d5	92.8	0	54-115	%REC	1	4/23/2009 01:05 AM
Surr: Phenol-d5	96.4	0	58-112	%REC	1	4/23/2009 01:05 AM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.6	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018B

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.89	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1,1-Trichloroethane	ND	1.2	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1,2,2-Tetrachloroethane	ND	2.9	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1,2-Trichloroethane	ND	1.2	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1-Dichloroethane	ND	0.56	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1-Dichloroethene	ND	0.42	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,1-Dichloropropene	ND	1.9	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2,3-Trichlorobenzene	ND	3.4	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2,3-Trichloropropane	ND	2.1	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2,4-Trichlorobenzene	ND	2.2	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2,4-Trimethylbenzene	ND	0.96	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2-Dibromo-3-chloropropane	ND	2.9	9.2	µg/Kg	1	4/21/2009 03:57 PM	
1,2-Dibromoethane	ND	0.90	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2-Dichlorobenzene	ND	1.9	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2-Dichloroethane	ND	1.7	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,3,5-Trimethylbenzene	ND	0.72	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,3-Dichlorobenzene	ND	1.6	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,3-Dichloropropane	ND	0.30	4.6	µg/Kg	1	4/21/2009 03:57 PM	
1,4-Dichlorobenzene	ND	1.7	4.6	µg/Kg	1	4/21/2009 03:57 PM	
2,2-Dichloropropane	ND	0.44	4.6	µg/Kg	1	4/21/2009 03:57 PM	
2-Chlorotoluene	ND	0.82	4.6	µg/Kg	1	4/21/2009 03:57 PM	
4-Chlorotoluene	ND	1.0	4.6	µg/Kg	1	4/21/2009 03:57 PM	
4-Isopropyltoluene	ND	1.0	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Benzene	ND	0.59	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Bromobenzene	ND	1.2	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Bromodichloromethane	ND	1.2	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Bromoform	ND	1.8	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Bromomethane	ND	0.63	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Carbon tetrachloride	ND	1.3	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Chlorobenzene	ND	0.60	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Chloroethane	ND	0.80	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Chloroform	ND	1.4	4.6	µg/Kg	1	4/21/2009 03:57 PM	
Chloromethane	ND	0.35	4.6	µg/Kg	1	4/21/2009 03:57 PM	
cis-1,2-Dichloroethene	ND	1.7	4.6	µg/Kg	1	4/21/2009 03:57 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018B

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.69	4.6	µg/Kg 1 4/21/2009 03:57 PM
Dibromochloromethane	ND 0.67	4.6	µg/Kg 1 4/21/2009 03:57 PM
Dibromomethane	ND 1.1	4.6	µg/Kg 1 4/21/2009 03:57 PM
Dichlorodifluoromethane	ND 0.50	4.6	µg/Kg 1 4/21/2009 03:57 PM
Ethylbenzene	ND 0.30	4.6	µg/Kg 1 4/21/2009 03:57 PM
Hexachlorobutadiene	ND 2.1	4.6	µg/Kg 1 4/21/2009 03:57 PM
Isopropylbenzene	ND 0.53	4.6	µg/Kg 1 4/21/2009 03:57 PM
m,p-Xylene	ND 0.64	9.2	µg/Kg 1 4/21/2009 03:57 PM
Methylene chloride	ND 4.6	4.6	µg/Kg 1 4/21/2009 03:57 PM
n-Butylbenzene	ND 1.1	4.6	µg/Kg 1 4/21/2009 03:57 PM
n-Propylbenzene	ND 0.63	4.6	µg/Kg 1 4/21/2009 03:57 PM
Naphthalene	ND 2.3	4.6	µg/Kg 1 4/21/2009 03:57 PM
o-Xylene	ND 0.46	4.6	µg/Kg 1 4/21/2009 03:57 PM
sec-Butylbenzene	ND 0.96	4.6	µg/Kg 1 4/21/2009 03:57 PM
Styrene	ND 0.55	4.6	µg/Kg 1 4/21/2009 03:57 PM
tert-Butylbenzene	ND 0.96	4.6	µg/Kg 1 4/21/2009 03:57 PM
Tetrachloroethene	11 0.97	4.6	µg/Kg 1 4/21/2009 03:57 PM
Toluene	ND 0.52	4.6	µg/Kg 1 4/21/2009 03:57 PM
trans-1,2-Dichloroethene	ND 0.49	4.6	µg/Kg 1 4/21/2009 03:57 PM
Trichloroethene	ND 1.4	4.6	µg/Kg 1 4/21/2009 03:57 PM
Trichlorofluoromethane	ND 0.51	4.6	µg/Kg 1 4/21/2009 03:57 PM
Vinyl chloride	ND 0.39	4.6	µg/Kg 1 4/21/2009 03:57 PM
Surr: 1,2-Dichloroethane-d4	118 0	68-147	%REC 1 4/21/2009 03:57 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/21/2009 03:57 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/21/2009 03:57 PM
Surr: Toluene-d8	111 0	75-120	%REC 1 4/21/2009 03:57 PM

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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-018E

Client Sample ID: 1001-104-5-S
Collection Date: 4/20/2009 11:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.14	0.95	mg/Kg 1 4/22/2009 12:03 AM
Surr: Bromofluorobenzene (FID)	88.3 0	59-145	%REC 1 4/22/2009 12:03 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.95	mg/Kg 1 4/22/2009 12:03 AM
Surr: Bromofluorobenzene (FID)	88.3 0	59-145	%REC 1 4/22/2009 12:03 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019A

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:56 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Barium	110	0.13	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Cobalt	6.5	0.014	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Copper	16	0.26	2.0	mg/Kg	1	4/24/2009 07:56 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Molybdenum	2.3	0.043	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Nickel	11	0.032	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Vanadium	41	0.019	1.0	mg/Kg	1	4/24/2009 07:56 PM	
Zinc	36	0.19	1.0	mg/Kg	1	4/24/2009 07:56 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	45	10	10	mg/Kg	1	4/25/2009 01:47 PM	
Surr: p-Terphenyl	100	0	57-144	%REC	1	4/25/2009 01:47 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	25	10	10	mg/Kg	1	4/25/2009 01:47 PM	
T/R Hydrocarbons: C23-C32	22	10	10	mg/Kg	1	4/25/2009 01:47 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 01:47 PM	
Surr: p-Terphenyl	100	0	57-144	%REC	1	4/25/2009 01:47 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019A

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090422A	QC Batch: 54929	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 12:42 AM
Surr: Decachlorobiphenyl	88.0 0	30-124	%REC 1 4/23/2009 12:42 AM
Surr: Tetrachloro-m-xylene	96.5 0	40-118	%REC 1 4/23/2009 12:42 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:53 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 02:00 AM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 02:00 AM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 02:00 AM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 02:00 AM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 02:00 AM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 02:00 AM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 02:00 AM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 02:00 AM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 02:00 AM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 02:00 AM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 02:00 AM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 02:00 AM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 02:00 AM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 02:00 AM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 02:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019A

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 02:00 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 02:00 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 02:00 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 02:00 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 02:00 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 02:00 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 02:00 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 02:00 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 02:00 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 02:00 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 02:00 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 02:00 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 02:00 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 02:00 AM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 02:00 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 02:00 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 02:00 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 02:00 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 02:00 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 02:00 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 02:00 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 02:00 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 02:00 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 02:00 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 02:00 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 02:00 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 02:00 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 02:00 AM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 02:00 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 02:00 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 02:00 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 02:00 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 02:00 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 02:00 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 02:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019A

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/23/2009 02:00 AM
Fluorene	ND	69	330	µg/Kg	1 4/23/2009 02:00 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/23/2009 02:00 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/23/2009 02:00 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/23/2009 02:00 AM
Hexachloroethane	ND	81	330	µg/Kg	1 4/23/2009 02:00 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/23/2009 02:00 AM
Isophorone	ND	85	330	µg/Kg	1 4/23/2009 02:00 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/23/2009 02:00 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/23/2009 02:00 AM
Naphthalene	ND	86	330	µg/Kg	1 4/23/2009 02:00 AM
Nitrobenzene	ND	82	330	µg/Kg	1 4/23/2009 02:00 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/23/2009 02:00 AM
Phenanthrene	ND	76	330	µg/Kg	1 4/23/2009 02:00 AM
Phenol	ND	95	330	µg/Kg	1 4/23/2009 02:00 AM
Pyrene	ND	77	330	µg/Kg	1 4/23/2009 02:00 AM
Surr: 1,2-Dichlorobenzene-d4	86.9	0	49-103	%REC	1 4/23/2009 02:00 AM
Surr: 2,4,6-Tribromophenol	91.6	0	47-129	%REC	1 4/23/2009 02:00 AM
Surr: 2-Chlorophenol-d4	92.8	0	54-109	%REC	1 4/23/2009 02:00 AM
Surr: 2-Fluorobiphenyl	95.3	0	59-108	%REC	1 4/23/2009 02:00 AM
Surr: 2-Fluorophenol	91.2	0	50-111	%REC	1 4/23/2009 02:00 AM
Surr: 4-Terphenyl-d14	119	0	58-135	%REC	1 4/23/2009 02:00 AM
Surr: Nitrobenzene-d5	91.5	0	54-115	%REC	1 4/23/2009 02:00 AM
Surr: Phenol-d5	95.5	0	58-112	%REC	1 4/23/2009 02:00 AM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341			PrepDate:	Analyst: DDL
pH	7.6	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019B

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.1	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1,1-Trichloroethane	ND	1.6	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1,2,2-Tetrachloroethane	ND	3.6	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1,2-Trichloroethane	ND	1.4	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1-Dichloroethane	ND	0.70	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1-Dichloroethene	ND	0.52	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,1-Dichloropropene	ND	2.4	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2,3-Trichlorobenzene	ND	4.3	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2,3-Trichloropropane	ND	2.7	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2,4-Trichlorobenzene	ND	2.7	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2,4-Trimethylbenzene	ND	1.2	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2-Dibromo-3-chloropropane	ND	3.6	11	µg/Kg	1	4/21/2009 04:14 PM	
1,2-Dibromoethane	ND	1.1	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2-Dichlorobenzene	ND	2.4	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2-Dichloroethane	ND	2.1	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,2-Dichloropropane	ND	1.8	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,3,5-Trimethylbenzene	ND	0.90	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,3-Dichlorobenzene	ND	1.9	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,3-Dichloropropane	ND	0.37	5.7	µg/Kg	1	4/21/2009 04:14 PM	
1,4-Dichlorobenzene	ND	2.1	5.7	µg/Kg	1	4/21/2009 04:14 PM	
2,2-Dichloropropane	ND	0.55	5.7	µg/Kg	1	4/21/2009 04:14 PM	
2-Chlorotoluene	ND	1.0	5.7	µg/Kg	1	4/21/2009 04:14 PM	
4-Chlorotoluene	ND	1.3	5.7	µg/Kg	1	4/21/2009 04:14 PM	
4-Isopropyltoluene	ND	1.3	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Benzene	ND	0.74	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Bromobenzene	ND	1.5	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Bromodichloromethane	ND	1.5	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Bromoform	ND	2.3	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Bromomethane	ND	0.78	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Carbon tetrachloride	ND	1.6	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Chlorobenzene	ND	0.75	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Chloroethane	ND	1.0	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Chloroform	ND	1.7	5.7	µg/Kg	1	4/21/2009 04:14 PM	
Chloromethane	ND	0.44	5.7	µg/Kg	1	4/21/2009 04:14 PM	
cis-1,2-Dichloroethene	ND	2.1	5.7	µg/Kg	1	4/21/2009 04:14 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019B

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.86	5.7	µg/Kg	1	4/21/2009 04:14 PM
Dibromochloromethane	ND	0.83	5.7	µg/Kg	1	4/21/2009 04:14 PM
Dibromomethane	ND	1.4	5.7	µg/Kg	1	4/21/2009 04:14 PM
Dichlorodifluoromethane	ND	0.62	5.7	µg/Kg	1	4/21/2009 04:14 PM
Ethylbenzene	ND	0.37	5.7	µg/Kg	1	4/21/2009 04:14 PM
Hexachlorobutadiene	ND	2.6	5.7	µg/Kg	1	4/21/2009 04:14 PM
Isopropylbenzene	ND	0.66	5.7	µg/Kg	1	4/21/2009 04:14 PM
m,p-Xylene	ND	0.79	11	µg/Kg	1	4/21/2009 04:14 PM
Methylene chloride	ND	5.7	5.7	µg/Kg	1	4/21/2009 04:14 PM
n-Butylbenzene	ND	1.4	5.7	µg/Kg	1	4/21/2009 04:14 PM
n-Propylbenzene	ND	0.78	5.7	µg/Kg	1	4/21/2009 04:14 PM
Naphthalene	ND	2.9	5.7	µg/Kg	1	4/21/2009 04:14 PM
o-Xylene	ND	0.57	5.7	µg/Kg	1	4/21/2009 04:14 PM
sec-Butylbenzene	ND	1.2	5.7	µg/Kg	1	4/21/2009 04:14 PM
Styrene	ND	0.69	5.7	µg/Kg	1	4/21/2009 04:14 PM
tert-Butylbenzene	ND	1.2	5.7	µg/Kg	1	4/21/2009 04:14 PM
Tetrachloroethene	ND	1.2	5.7	µg/Kg	1	4/21/2009 04:14 PM
Toluene	ND	0.64	5.7	µg/Kg	1	4/21/2009 04:14 PM
trans-1,2-Dichloroethene	ND	0.61	5.7	µg/Kg	1	4/21/2009 04:14 PM
Trichloroethene	ND	1.7	5.7	µg/Kg	1	4/21/2009 04:14 PM
Trichlorofluoromethane	ND	0.63	5.7	µg/Kg	1	4/21/2009 04:14 PM
Vinyl chloride	ND	0.48	5.7	µg/Kg	1	4/21/2009 04:14 PM
Surr: 1,2-Dichloroethane-d4	120	0	68-147	%REC	1	4/21/2009 04:14 PM
Surr: 4-Bromofluorobenzene	106	0	67-127	%REC	1	4/21/2009 04:14 PM
Surr: Dibromofluoromethane	116	0	72-141	%REC	1	4/21/2009 04:14 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/21/2009 04:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-019E

Client Sample ID: 1001-104-10-S
Collection Date: 4/20/2009 12:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.14	0.93	mg/Kg 1 4/22/2009 12:19 AM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC 1 4/22/2009 12:19 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.93	mg/Kg 1 4/22/2009 12:19 AM
Surr: Bromofluorobenzene (FID)	114 0	59-145	%REC 1 4/22/2009 12:19 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020A

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424H	QC Batch:	54942	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 07:59 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Barium	180	0.13	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Chromium	25	0.088	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Cobalt	10	0.014	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Copper	29	0.26	2.0	mg/Kg	1	4/24/2009 07:59 PM	
Lead	4.1	0.11	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Nickel	19	0.032	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Vanadium	57	0.019	1.0	mg/Kg	1	4/24/2009 07:59 PM	
Zinc	96	0.19	1.0	mg/Kg	1	4/24/2009 07:59 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424C	QC Batch:	54996	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
DRO	73	10	10	mg/Kg	1	4/27/2009 04:02 PM	
Surr: p-Terphenyl	139	0	57-144	%REC	1	4/27/2009 04:02 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090425A	QC Batch:	54919	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	27	10	10	mg/Kg	1	4/27/2009 04:02 PM	
T/R Hydrocarbons: C23-C32	100	10	10	mg/Kg	1	4/27/2009 04:02 PM	
T/R Hydrocarbons:>C32	130	10	10	mg/Kg	1	4/27/2009 04:02 PM	
Surr: p-Terphenyl	139	0	57-144	%REC	1	4/27/2009 04:02 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020A

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090422A	QC Batch: 54929			PrepDate:	4/22/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 01:11 AM
Surr: Decachlorobiphenyl	84.5	0	30-124	%REC	1	4/23/2009 01:11 AM
Surr: Tetrachloro-m-xylene	99.3	0	40-118	%REC	1	4/23/2009 01:11 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090422D	QC Batch: 54901	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 03:29 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	210	820	µg/Kg	2.5	4/27/2009 01:31 PM
1,2-Dichlorobenzene	ND	210	820	µg/Kg	2.5	4/27/2009 01:31 PM
1,3-Dichlorobenzene	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
1,4-Dichlorobenzene	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
2,4,5-Trichlorophenol	ND	140	820	µg/Kg	2.5	4/27/2009 01:31 PM
2,4,6-Trichlorophenol	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
2,4-Dichlorophenol	ND	220	4100	µg/Kg	2.5	4/27/2009 01:31 PM
2,4-Dimethylphenol	ND	220	820	µg/Kg	2.5	4/27/2009 01:31 PM
2,4-Dinitrophenol	ND	110	4100	µg/Kg	2.5	4/27/2009 01:31 PM
2,4-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
2,6-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
2-Chloronaphthalene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
2-Chlorophenol	ND	220	820	µg/Kg	2.5	4/27/2009 01:31 PM
2-Methylnaphthalene	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
2-Methylphenol	ND	240	820	µg/Kg	2.5	4/27/2009 01:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020A

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	200	4100	µg/Kg	2.5	4/27/2009 01:31 PM
2-Nitrophenol	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
3,3'-Dichlorobenzidine	ND	200	1600	µg/Kg	2.5	4/27/2009 01:31 PM
3-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/27/2009 01:31 PM
4,6-Dinitro-2-methylphenol	ND	160	4100	µg/Kg	2.5	4/27/2009 01:31 PM
4-Bromophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
4-Chloro-3-methylphenol	ND	190	1600	µg/Kg	2.5	4/27/2009 01:31 PM
4-Chloroaniline	ND	180	1600	µg/Kg	2.5	4/27/2009 01:31 PM
4-Chlorophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
4-Methylphenol	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
4-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/27/2009 01:31 PM
4-Nitrophenol	ND	180	4100	µg/Kg	2.5	4/27/2009 01:31 PM
Acenaphthene	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Acenaphthylene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
Anthracene	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzidine (M)	ND	180	4100	µg/Kg	2.5	4/27/2009 01:31 PM
Benzo(a)anthracene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzo(a)pyrene	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzo(b)fluoranthene	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzo(g,h,i)perylene	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzo(k)fluoranthene	ND	240	820	µg/Kg	2.5	4/27/2009 01:31 PM
Benzoic acid	ND	160	4100	µg/Kg	2.5	4/27/2009 01:31 PM
Benzyl alcohol	ND	220	1600	µg/Kg	2.5	4/27/2009 01:31 PM
Bis(2-chloroethoxy)methane	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Bis(2-chloroethyl)ether	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Bis(2-chloroisopropyl)ether	ND	230	820	µg/Kg	2.5	4/27/2009 01:31 PM
Bis(2-ethylhexyl)phthalate	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Butylbenzylphthalate	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Chrysene	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Di-n-butylphthalate	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
Di-n-octylphthalate	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Dibenz(a,h)anthracene	ND	210	820	µg/Kg	2.5	4/27/2009 01:31 PM
Dibenzofuran	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
Diethylphthalate	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Dimethylphthalate	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020A

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	180	820	µg/Kg	2.5	4/27/2009 01:31 PM
Fluorene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
Hexachlorobenzene	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
Hexachlorobutadiene	ND	190	1600	µg/Kg	2.5	4/27/2009 01:31 PM
Hexachlorocyclopentadiene	ND	200	1600	µg/Kg	2.5	4/27/2009 01:31 PM
Hexachloroethane	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Indeno(1,2,3-cd)pyrene	ND	170	820	µg/Kg	2.5	4/27/2009 01:31 PM
Isophorone	ND	210	820	µg/Kg	2.5	4/27/2009 01:31 PM
N-Nitrosodi-n-propylamine	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
N-Nitrosodiphenylamine	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Naphthalene	ND	210	820	µg/Kg	2.5	4/27/2009 01:31 PM
Nitrobenzene	ND	200	820	µg/Kg	2.5	4/27/2009 01:31 PM
Pentachlorophenol	ND	140	4100	µg/Kg	2.5	4/27/2009 01:31 PM
Phenanthrene	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
Phenol	ND	240	820	µg/Kg	2.5	4/27/2009 01:31 PM
Pyrene	ND	190	820	µg/Kg	2.5	4/27/2009 01:31 PM
Surr: 1,2-Dichlorobenzene-d4	77.9	0	49-103	%REC	2.5	4/27/2009 01:31 PM
Surr: 2,4,6-Tribromophenol	81.7	0	47-129	%REC	2.5	4/27/2009 01:31 PM
Surr: 2-Chlorophenol-d4	86.5	0	54-109	%REC	2.5	4/27/2009 01:31 PM
Surr: 2-Fluorobiphenyl	94.8	0	59-108	%REC	2.5	4/27/2009 01:31 PM
Surr: 2-Fluorophenol	80.3	0	50-111	%REC	2.5	4/27/2009 01:31 PM
Surr: 4-Terphenyl-d14	110	0	58-135	%REC	2.5	4/27/2009 01:31 PM
Surr: Nitrobenzene-d5	93.9	0	54-115	%REC	2.5	4/27/2009 01:31 PM
Surr: Phenol-d5	90.6	0	58-112	%REC	2.5	4/27/2009 01:31 PM

PH

EPA 9045C

RunID: WETCHEM_090421C	QC Batch: R108341	PrepDate:	Analyst: DDL			
pH	7.9	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020B

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090421A	QC Batch:	K09VS060	PrepDate:	4/21/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.91	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1,1-Trichloroethane	ND	1.3	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1,2,2-Tetrachloroethane	ND	2.9	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1,2-Trichloroethane	ND	1.2	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1-Dichloroethane	ND	0.58	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1-Dichloroethene	ND	0.43	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,1-Dichloropropene	ND	2.0	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2,3-Trichlorobenzene	ND	3.6	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2,3-Trichloropropane	ND	2.2	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2,4-Trichlorobenzene	ND	2.2	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2,4-Trimethylbenzene	ND	0.99	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2-Dibromo-3-chloropropane	ND	3.0	9.5	µg/Kg	1	4/21/2009 04:31 PM	
1,2-Dibromoethane	ND	0.92	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2-Dichlorobenzene	ND	2.0	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2-Dichloroethane	ND	1.8	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,2-Dichloropropane	ND	1.5	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,3,5-Trimethylbenzene	ND	0.74	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,3-Dichlorobenzene	ND	1.6	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,3-Dichloropropane	ND	0.30	4.8	µg/Kg	1	4/21/2009 04:31 PM	
1,4-Dichlorobenzene	ND	1.7	4.8	µg/Kg	1	4/21/2009 04:31 PM	
2,2-Dichloropropane	ND	0.46	4.8	µg/Kg	1	4/21/2009 04:31 PM	
2-Chlorotoluene	ND	0.85	4.8	µg/Kg	1	4/21/2009 04:31 PM	
4-Chlorotoluene	ND	1.1	4.8	µg/Kg	1	4/21/2009 04:31 PM	
4-Isopropyltoluene	ND	1.1	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Benzene	ND	0.61	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Bromobenzene	ND	1.2	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Bromodichloromethane	ND	1.3	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Bromoform	ND	1.9	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Bromomethane	ND	0.65	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Carbon tetrachloride	ND	1.3	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Chlorobenzene	ND	0.62	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Chloroethane	ND	0.83	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Chloroform	ND	1.4	4.8	µg/Kg	1	4/21/2009 04:31 PM	
Chloromethane	ND	0.36	4.8	µg/Kg	1	4/21/2009 04:31 PM	
cis-1,2-Dichloroethene	ND	1.7	4.8	µg/Kg	1	4/21/2009 04:31 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020B

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090421A	QC Batch: K09VS060	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.71	4.8	µg/Kg 1 4/21/2009 04:31 PM
Dibromochloromethane	ND 0.69	4.8	µg/Kg 1 4/21/2009 04:31 PM
Dibromomethane	ND 1.1	4.8	µg/Kg 1 4/21/2009 04:31 PM
Dichlorodifluoromethane	ND 0.51	4.8	µg/Kg 1 4/21/2009 04:31 PM
Ethylbenzene	ND 0.30	4.8	µg/Kg 1 4/21/2009 04:31 PM
Hexachlorobutadiene	ND 2.1	4.8	µg/Kg 1 4/21/2009 04:31 PM
Isopropylbenzene	ND 0.54	4.8	µg/Kg 1 4/21/2009 04:31 PM
m,p-Xylene	ND 0.66	9.5	µg/Kg 1 4/21/2009 04:31 PM
Methylene chloride	ND 4.8	4.8	µg/Kg 1 4/21/2009 04:31 PM
n-Butylbenzene	ND 1.2	4.8	µg/Kg 1 4/21/2009 04:31 PM
n-Propylbenzene	ND 0.65	4.8	µg/Kg 1 4/21/2009 04:31 PM
Naphthalene	ND 2.4	4.8	µg/Kg 1 4/21/2009 04:31 PM
o-Xylene	ND 0.48	4.8	µg/Kg 1 4/21/2009 04:31 PM
sec-Butylbenzene	ND 0.99	4.8	µg/Kg 1 4/21/2009 04:31 PM
Styrene	ND 0.57	4.8	µg/Kg 1 4/21/2009 04:31 PM
tert-Butylbenzene	ND 0.99	4.8	µg/Kg 1 4/21/2009 04:31 PM
Tetrachloroethene	ND 1.0	4.8	µg/Kg 1 4/21/2009 04:31 PM
Toluene	ND 0.53	4.8	µg/Kg 1 4/21/2009 04:31 PM
trans-1,2-Dichloroethene	ND 0.50	4.8	µg/Kg 1 4/21/2009 04:31 PM
Trichloroethene	ND 1.4	4.8	µg/Kg 1 4/21/2009 04:31 PM
Trichlorofluoromethane	ND 0.52	4.8	µg/Kg 1 4/21/2009 04:31 PM
Vinyl chloride	ND 0.40	4.8	µg/Kg 1 4/21/2009 04:31 PM
Surr: 1,2-Dichloroethane-d4	126 0	68-147	%REC 1 4/21/2009 04:31 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/21/2009 04:31 PM
Surr: Dibromofluoromethane	117 0	72-141	%REC 1 4/21/2009 04:31 PM
Surr: Toluene-d8	114 0	75-120	%REC 1 4/21/2009 04:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-020E

Client Sample ID: 1001-105-2-S
Collection Date: 4/20/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.14	0.91	mg/Kg
Surr: Bromofluorobenzene (FID)	99.4 0	59-145	%REC

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421B	QC Batch: E09VS105	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.91	mg/Kg
Surr: Bromofluorobenzene (FID)	99.4 0	59-145	%REC

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021A

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:30 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Barium	150	0.13	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Chromium	23	0.088	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Cobalt	9.2	0.014	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Copper	25	0.26	2.0	mg/Kg	1	4/24/2009 08:30 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Vanadium	52	0.019	1.0	mg/Kg	1	4/24/2009 08:30 PM	
Zinc	52	0.19	1.0	mg/Kg	1	4/24/2009 08:30 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	42	10	10	mg/Kg	1	4/25/2009 05:19 PM	
Surr: p-Terphenyl	103	0	57-144	%REC	1	4/25/2009 05:19 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	23	10	10	mg/Kg	1	4/25/2009 05:19 PM	
T/R Hydrocarbons: C23-C32	24	10	10	mg/Kg	1	4/25/2009 05:19 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 05:19 PM	
Surr: p-Terphenyl	103	0	57-144	%REC	1	4/25/2009 05:19 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021A

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 05:58 PM
Surr: Decachlorobiphenyl	84.5 0	30-124	%REC 1 4/23/2009 05:58 PM
Surr: Tetrachloro-m-xylene	95.5 0	40-118	%REC 1 4/23/2009 05:58 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:14 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 09:47 AM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 09:47 AM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 09:47 AM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 09:47 AM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 09:47 AM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 09:47 AM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 09:47 AM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 09:47 AM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 09:47 AM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 09:47 AM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 09:47 AM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 09:47 AM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 09:47 AM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 09:47 AM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 09:47 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021A

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 09:47 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 09:47 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 09:47 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:47 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 09:47 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 09:47 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 09:47 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 09:47 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 09:47 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 09:47 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:47 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 09:47 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 09:47 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 09:47 AM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 09:47 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 09:47 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 09:47 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 09:47 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 09:47 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 09:47 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 09:47 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 09:47 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 09:47 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 09:47 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 09:47 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 09:47 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 09:47 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 09:47 AM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 09:47 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 09:47 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 09:47 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 09:47 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 09:47 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 09:47 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 09:47 AM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021A

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/23/2009 09:47 AM
Fluorene	ND	69	330	µg/Kg	1 4/23/2009 09:47 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/23/2009 09:47 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/23/2009 09:47 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/23/2009 09:47 AM
Hexachloroethane	ND	81	330	µg/Kg	1 4/23/2009 09:47 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/23/2009 09:47 AM
Isophorone	ND	85	330	µg/Kg	1 4/23/2009 09:47 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/23/2009 09:47 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/23/2009 09:47 AM
Naphthalene	ND	86	330	µg/Kg	1 4/23/2009 09:47 AM
Nitrobenzene	ND	82	330	µg/Kg	1 4/23/2009 09:47 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/23/2009 09:47 AM
Phenanthrene	ND	76	330	µg/Kg	1 4/23/2009 09:47 AM
Phenol	ND	95	330	µg/Kg	1 4/23/2009 09:47 AM
Pyrene	ND	77	330	µg/Kg	1 4/23/2009 09:47 AM
Surr: 1,2-Dichlorobenzene-d4	79.4	0	49-103	%REC	1 4/23/2009 09:47 AM
Surr: 2,4,6-Tribromophenol	86.0	0	47-129	%REC	1 4/23/2009 09:47 AM
Surr: 2-Chlorophenol-d4	90.1	0	54-109	%REC	1 4/23/2009 09:47 AM
Surr: 2-Fluorobiphenyl	93.6	0	59-108	%REC	1 4/23/2009 09:47 AM
Surr: 2-Fluorophenol	89.0	0	50-111	%REC	1 4/23/2009 09:47 AM
Surr: 4-Terphenyl-d14	128	0	58-135	%REC	1 4/23/2009 09:47 AM
Surr: Nitrobenzene-d5	86.1	0	54-115	%REC	1 4/23/2009 09:47 AM
Surr: Phenol-d5	92.6	0	58-112	%REC	1 4/23/2009 09:47 AM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342			PrepDate:	Analyst: DDL
pH	7.0	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021C

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422A	QC Batch:	T09VS104	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.87	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1,1-Trichloroethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1,2,2-Tetrachloroethane	ND	2.8	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1,2-Trichloroethane	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1-Dichloroethane	ND	0.55	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1-Dichloroethene	ND	0.41	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,1-Dichloropropene	ND	1.9	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2,3-Trichlorobenzene	ND	3.4	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2,3-Trichloropropane	ND	2.1	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2,4-Trimethylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2-Dibromo-3-chloropropane	ND	2.8	9.0	µg/Kg	1	4/22/2009 03:45 PM	
1,2-Dibromoethane	ND	0.88	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2-Dichlorobenzene	ND	1.9	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2-Dichloroethane	ND	1.7	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,2-Dichloropropane	ND	1.4	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,3,5-Trimethylbenzene	ND	0.70	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,3-Dichlorobenzene	ND	1.5	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,3-Dichloropropane	ND	0.29	4.5	µg/Kg	1	4/22/2009 03:45 PM	
1,4-Dichlorobenzene	ND	1.6	4.5	µg/Kg	1	4/22/2009 03:45 PM	
2,2-Dichloropropane	ND	0.43	4.5	µg/Kg	1	4/22/2009 03:45 PM	
2-Chlorotoluene	ND	0.80	4.5	µg/Kg	1	4/22/2009 03:45 PM	
4-Chlorotoluene	ND	1.0	4.5	µg/Kg	1	4/22/2009 03:45 PM	
4-Isopropyltoluene	ND	1.0	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Benzene	ND	0.58	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Bromobenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Bromodichloromethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Bromoform	ND	1.8	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Bromomethane	ND	0.61	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Carbon tetrachloride	ND	1.3	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Chlorobenzene	ND	0.59	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Chloroethane	ND	0.79	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Chloroform	ND	1.3	4.5	µg/Kg	1	4/22/2009 03:45 PM	
Chloromethane	ND	0.34	4.5	µg/Kg	1	4/22/2009 03:45 PM	
cis-1,2-Dichloroethene	ND	1.6	4.5	µg/Kg	1	4/22/2009 03:45 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021C

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.68	4.5	µg/Kg	1	4/22/2009 03:45 PM
Dibromochloromethane	ND	0.65	4.5	µg/Kg	1	4/22/2009 03:45 PM
Dibromomethane	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:45 PM
Dichlorodifluoromethane	ND	0.49	4.5	µg/Kg	1	4/22/2009 03:45 PM
Ethylbenzene	ND	0.29	4.5	µg/Kg	1	4/22/2009 03:45 PM
Hexachlorobutadiene	ND	2.0	4.5	µg/Kg	1	4/22/2009 03:45 PM
Isopropylbenzene	ND	0.51	4.5	µg/Kg	1	4/22/2009 03:45 PM
m,p-Xylene	ND	0.62	9.0	µg/Kg	1	4/22/2009 03:45 PM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/22/2009 03:45 PM
n-Butylbenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 03:45 PM
n-Propylbenzene	ND	0.61	4.5	µg/Kg	1	4/22/2009 03:45 PM
Naphthalene	ND	2.3	4.5	µg/Kg	1	4/22/2009 03:45 PM
o-Xylene	ND	0.45	4.5	µg/Kg	1	4/22/2009 03:45 PM
sec-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:45 PM
Styrene	ND	0.54	4.5	µg/Kg	1	4/22/2009 03:45 PM
tert-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/22/2009 03:45 PM
Tetrachloroethene	ND	0.95	4.5	µg/Kg	1	4/22/2009 03:45 PM
Toluene	ND	0.51	4.5	µg/Kg	1	4/22/2009 03:45 PM
trans-1,2-Dichloroethene	ND	0.48	4.5	µg/Kg	1	4/22/2009 03:45 PM
Trichloroethene	ND	1.4	4.5	µg/Kg	1	4/22/2009 03:45 PM
Trichlorofluoromethane	ND	0.50	4.5	µg/Kg	1	4/22/2009 03:45 PM
Vinyl chloride	ND	0.38	4.5	µg/Kg	1	4/22/2009 03:45 PM
Surr: 1,2-Dichloroethane-d4	116	0	68-147	%REC	1	4/22/2009 03:45 PM
Surr: 4-Bromofluorobenzene	98.4	0	67-127	%REC	1	4/22/2009 03:45 PM
Surr: Dibromofluoromethane	116	0	72-141	%REC	1	4/22/2009 03:45 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/22/2009 03:45 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-021E

Client Sample ID: 1001-105-5-S
Collection Date: 4/20/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.13	0.88	mg/Kg	1	4/22/2009 03:25 AM
Surr: Bromofluorobenzene (FID)	111 0	59-145	%REC	1	4/22/2009 03:25 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.17	0.88	mg/Kg	1	4/22/2009 03:25 AM
Surr: Bromofluorobenzene (FID)	111 0	59-145	%REC	1	4/22/2009 03:25 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022A

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID: ICP8_090424I	QC Batch: 54943			PrepDate: 4/23/2009		Analyst: CL	
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:33 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Barium	85	0.13	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Chromium	25	0.088	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Cobalt	4.6	0.014	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Copper	10	0.26	2.0	mg/Kg	1	4/24/2009 08:33 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Molybdenum	7.7	0.043	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Nickel	7.1	0.032	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Vanadium	30	0.019	1.0	mg/Kg	1	4/24/2009 08:33 PM	
Zinc	31	0.19	1.0	mg/Kg	1	4/24/2009 08:33 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID: WETCHEM3_090424D	QC Batch: 54997			PrepDate: 4/23/2009		Analyst: CBB	
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_090423A	QC Batch: 54880			PrepDate: 4/21/2009		Analyst: CBR	
DRO	ND	10	10	mg/Kg	1	4/25/2009 05:28 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 05:28 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID: GC16_090423A	QC Batch: 54880			PrepDate: 4/21/2009		Analyst: CBR	
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/25/2009 05:28 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/25/2009 05:28 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/25/2009 05:28 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/25/2009 05:28 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022A

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423C	QC Batch: 54930			PrepDate:	4/22/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 06:27 PM
Surr: Decachlorobiphenyl	88.6	0	30-124	%REC	1	4/23/2009 06:27 PM
Surr: Tetrachloro-m-xylene	95.0	0	40-118	%REC	1	4/23/2009 06:27 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090422E	QC Batch: 54902	PrepDate:	4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/22/2009 04:16 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 10:15 AM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 10:15 AM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 10:15 AM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 10:15 AM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 10:15 AM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 10:15 AM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 10:15 AM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 10:15 AM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 10:15 AM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 10:15 AM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 10:15 AM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 10:15 AM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 10:15 AM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 10:15 AM
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 10:15 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022A

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 10:15 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 10:15 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 10:15 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 10:15 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 10:15 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 10:15 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 10:15 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 10:15 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 10:15 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 10:15 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 10:15 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 10:15 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 10:15 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 10:15 AM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 10:15 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 10:15 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 10:15 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 10:15 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 10:15 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 10:15 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 10:15 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 10:15 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 10:15 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 10:15 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 10:15 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 10:15 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 10:15 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 10:15 AM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 10:15 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 10:15 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 10:15 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 10:15 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 10:15 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 10:15 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 10:15 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022A

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 10:15 AM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 10:15 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 10:15 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 10:15 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 10:15 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 10:15 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 10:15 AM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 10:15 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 10:15 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 10:15 AM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 10:15 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 10:15 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 10:15 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 10:15 AM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 10:15 AM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 10:15 AM
Surr: 1,2-Dichlorobenzene-d4	79.2	0	49-103	%REC	1	4/23/2009 10:15 AM
Surr: 2,4,6-Tribromophenol	87.2	0	47-129	%REC	1	4/23/2009 10:15 AM
Surr: 2-Chlorophenol-d4	90.8	0	54-109	%REC	1	4/23/2009 10:15 AM
Surr: 2-Fluorobiphenyl	94.3	0	59-108	%REC	1	4/23/2009 10:15 AM
Surr: 2-Fluorophenol	88.9	0	50-111	%REC	1	4/23/2009 10:15 AM
Surr: 4-Terphenyl-d14	133	0	58-135	%REC	1	4/23/2009 10:15 AM
Surr: Nitrobenzene-d5	86.0	0	54-115	%REC	1	4/23/2009 10:15 AM
Surr: Phenol-d5	93.1	0	58-112	%REC	1	4/23/2009 10:15 AM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	7.7	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022B

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.1	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1,1-Trichloroethane	ND 1.6	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1,2,2-Tetrachloroethane	ND 3.7	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1,2-Trichloroethane	ND 1.5	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1-Dichloroethane	ND 0.73	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1-Dichloroethene	ND 0.54	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,1-Dichloropropene	ND 2.5	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2,3-Trichlorobenzene	ND 4.5	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2,3-Trichloropropane	ND 2.8	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2,4-Trichlorobenzene	ND 2.8	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2,4-Trimethylbenzene	ND 1.2	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2-Dibromo-3-chloropropane	ND 3.8	12	µg/Kg 1 4/21/2009 07:49 PM
1,2-Dibromoethane	ND 1.2	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2-Dichlorobenzene	ND 2.5	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2-Dichloroethane	ND 2.2	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,2-Dichloropropane	ND 1.9	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,3,5-Trimethylbenzene	ND 0.93	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,3-Dichlorobenzene	ND 2.0	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,3-Dichloropropane	ND 0.38	6.0	µg/Kg 1 4/21/2009 07:49 PM
1,4-Dichlorobenzene	ND 2.1	6.0	µg/Kg 1 4/21/2009 07:49 PM
2,2-Dichloropropane	ND 0.57	6.0	µg/Kg 1 4/21/2009 07:49 PM
2-Chlorotoluene	ND 1.1	6.0	µg/Kg 1 4/21/2009 07:49 PM
4-Chlorotoluene	ND 1.4	6.0	µg/Kg 1 4/21/2009 07:49 PM
4-Isopropyltoluene	ND 1.3	6.0	µg/Kg 1 4/21/2009 07:49 PM
Benzene	ND 0.77	6.0	µg/Kg 1 4/21/2009 07:49 PM
Bromobenzene	ND 1.5	6.0	µg/Kg 1 4/21/2009 07:49 PM
Bromodichloromethane	ND 1.6	6.0	µg/Kg 1 4/21/2009 07:49 PM
Bromoform	ND 2.4	6.0	µg/Kg 1 4/21/2009 07:49 PM
Bromomethane	ND 0.81	6.0	µg/Kg 1 4/21/2009 07:49 PM
Carbon tetrachloride	ND 1.7	6.0	µg/Kg 1 4/21/2009 07:49 PM
Chlorobenzene	ND 0.78	6.0	µg/Kg 1 4/21/2009 07:49 PM
Chloroethane	ND 1.0	6.0	µg/Kg 1 4/21/2009 07:49 PM
Chloroform	ND 1.8	6.0	µg/Kg 1 4/21/2009 07:49 PM
Chloromethane	ND 0.45	6.0	µg/Kg 1 4/21/2009 07:49 PM
cis-1,2-Dichloroethene	ND 2.2	6.0	µg/Kg 1 4/21/2009 07:49 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022B

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.90	6.0	µg/Kg	1	4/21/2009 07:49 PM
Dibromochloromethane	ND	0.86	6.0	µg/Kg	1	4/21/2009 07:49 PM
Dibromomethane	ND	1.4	6.0	µg/Kg	1	4/21/2009 07:49 PM
Dichlorodifluoromethane	ND	0.65	6.0	µg/Kg	1	4/21/2009 07:49 PM
Ethylbenzene	ND	0.38	6.0	µg/Kg	1	4/21/2009 07:49 PM
Hexachlorobutadiene	ND	2.7	6.0	µg/Kg	1	4/21/2009 07:49 PM
Isopropylbenzene	ND	0.68	6.0	µg/Kg	1	4/21/2009 07:49 PM
m,p-Xylene	ND	0.83	12	µg/Kg	1	4/21/2009 07:49 PM
Methylene chloride	ND	6.0	6.0	µg/Kg	1	4/21/2009 07:49 PM
n-Butylbenzene	ND	1.4	6.0	µg/Kg	1	4/21/2009 07:49 PM
n-Propylbenzene	ND	0.81	6.0	µg/Kg	1	4/21/2009 07:49 PM
Naphthalene	ND	3.0	6.0	µg/Kg	1	4/21/2009 07:49 PM
o-Xylene	ND	0.60	6.0	µg/Kg	1	4/21/2009 07:49 PM
sec-Butylbenzene	ND	1.2	6.0	µg/Kg	1	4/21/2009 07:49 PM
Styrene	ND	0.72	6.0	µg/Kg	1	4/21/2009 07:49 PM
tert-Butylbenzene	ND	1.2	6.0	µg/Kg	1	4/21/2009 07:49 PM
Tetrachloroethene	ND	1.3	6.0	µg/Kg	1	4/21/2009 07:49 PM
Toluene	ND	0.67	6.0	µg/Kg	1	4/21/2009 07:49 PM
trans-1,2-Dichloroethene	ND	0.63	6.0	µg/Kg	1	4/21/2009 07:49 PM
Trichloroethene	ND	1.8	6.0	µg/Kg	1	4/21/2009 07:49 PM
Trichlorofluoromethane	ND	0.66	6.0	µg/Kg	1	4/21/2009 07:49 PM
Vinyl chloride	ND	0.50	6.0	µg/Kg	1	4/21/2009 07:49 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/21/2009 07:49 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/21/2009 07:49 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/21/2009 07:49 PM
Surr: Toluene-d8	117	0	75-120	%REC	1	4/21/2009 07:49 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-022E

Client Sample ID: 1001-105-10-S
Collection Date: 4/20/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.15	1.0	mg/Kg	1	4/22/2009 03:56 AM
Surr: Bromofluorobenzene (FID)	110 0	59-145	%REC	1	4/22/2009 03:56 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg	1	4/22/2009 03:56 AM
Surr: Bromofluorobenzene (FID)	110 0	59-145	%REC	1	4/22/2009 03:56 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023A

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

		EPA 3050B		EPA 6010B			
RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:35 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Barium	64	0.13	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Chromium	9.5	0.088	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Cobalt	4.3	0.014	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Copper	10	0.26	2.0	mg/Kg	1	4/24/2009 08:35 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Nickel	6.6	0.032	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Vanadium	27	0.019	1.0	mg/Kg	1	4/24/2009 08:35 PM	
Zinc	23	0.19	1.0	mg/Kg	1	4/24/2009 08:35 PM	

HEXAVALENT CHROMIUM

		EPA 7196A					
RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

		LUFT		EPA 8015B(M)			
RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	63	10	10	mg/Kg	1	4/25/2009 05:38 PM	
Surr: p-Terphenyl	108	0	57-144	%REC	1	4/25/2009 05:38 PM	

HYDROCARBON CHAIN IDENTIFICATION

		LUFT		EPA 8015B(M)			
RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	33	10	10	mg/Kg	1	4/25/2009 05:38 PM	
T/R Hydrocarbons: C23-C32	40	10	10	mg/Kg	1	4/25/2009 05:38 PM	
T/R Hydrocarbons:>C32	16	10	10	mg/Kg	1	4/25/2009 05:38 PM	
Surr: p-Terphenyl	108	0	57-144	%REC	1	4/25/2009 05:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023A

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423C	QC Batch: 54930			PrepDate:	4/22/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 06:57 PM
Surr: Decachlorobiphenyl	88.8	0	30-124	%REC	1	4/23/2009 06:57 PM
Surr: Tetrachloro-m-xylene	95.9	0	40-118	%REC	1	4/23/2009 06:57 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:18 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 10:42 AM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 10:42 AM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 10:42 AM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 10:42 AM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 10:42 AM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 10:42 AM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 10:42 AM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 10:42 AM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 10:42 AM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 10:42 AM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 10:42 AM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 10:42 AM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 10:42 AM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 10:42 AM
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 10:42 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023A

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 10:42 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 10:42 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 10:42 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 10:42 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 10:42 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 10:42 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 10:42 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 10:42 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 10:42 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 10:42 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 10:42 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 10:42 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 10:42 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 10:42 AM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 10:42 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 10:42 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 10:42 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 10:42 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 10:42 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 10:42 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 10:42 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 10:42 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 10:42 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 10:42 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 10:42 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 10:42 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 10:42 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 10:42 AM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 10:42 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 10:42 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 10:42 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 10:42 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 10:42 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 10:42 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 10:42 AM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023A

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 10:42 AM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 10:42 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 10:42 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 10:42 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 10:42 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 10:42 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 10:42 AM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 10:42 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 10:42 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 10:42 AM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 10:42 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 10:42 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 10:42 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 10:42 AM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 10:42 AM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 10:42 AM
Surr: 1,2-Dichlorobenzene-d4	75.9	0	49-103	%REC	1	4/23/2009 10:42 AM
Surr: 2,4,6-Tribromophenol	84.3	0	47-129	%REC	1	4/23/2009 10:42 AM
Surr: 2-Chlorophenol-d4	83.4	0	54-109	%REC	1	4/23/2009 10:42 AM
Surr: 2-Fluorobiphenyl	84.0	0	59-108	%REC	1	4/23/2009 10:42 AM
Surr: 2-Fluorophenol	82.4	0	50-111	%REC	1	4/23/2009 10:42 AM
Surr: 4-Terphenyl-d14	128	0	58-135	%REC	1	4/23/2009 10:42 AM
Surr: Nitrobenzene-d5	79.5	0	54-115	%REC	1	4/23/2009 10:42 AM
Surr: Phenol-d5	85.5	0	58-112	%REC	1	4/23/2009 10:42 AM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	7.7	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023B

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.93	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1,1-Trichloroethane	ND 1.3	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1,2,2-Tetrachloroethane	ND 3.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1,2-Trichloroethane	ND 1.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1-Dichloroethane	ND 0.59	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1-Dichloroethene	ND 0.44	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,1-Dichloropropene	ND 2.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2,3-Trichlorobenzene	ND 3.6	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2,3-Trichloropropane	ND 2.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2,4-Trichlorobenzene	ND 2.3	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2,4-Trimethylbenzene	ND 1.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2-Dibromo-3-chloropropane	ND 3.1	9.7	µg/Kg 1 4/21/2009 08:09 PM
1,2-Dibromoethane	ND 0.94	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2-Dichlorobenzene	ND 2.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2-Dichloroethane	ND 1.8	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,2-Dichloropropane	ND 1.5	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,3,5-Trimethylbenzene	ND 0.76	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,3-Dichlorobenzene	ND 1.6	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,3-Dichloropropane	ND 0.31	4.8	µg/Kg 1 4/21/2009 08:09 PM
1,4-Dichlorobenzene	ND 1.7	4.8	µg/Kg 1 4/21/2009 08:09 PM
2,2-Dichloropropane	ND 0.47	4.8	µg/Kg 1 4/21/2009 08:09 PM
2-Chlorotoluene	ND 0.86	4.8	µg/Kg 1 4/21/2009 08:09 PM
4-Chlorotoluene	ND 1.1	4.8	µg/Kg 1 4/21/2009 08:09 PM
4-Isopropyltoluene	ND 1.1	4.8	µg/Kg 1 4/21/2009 08:09 PM
Benzene	ND 0.62	4.8	µg/Kg 1 4/21/2009 08:09 PM
Bromobenzene	ND 1.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
Bromodichloromethane	ND 1.3	4.8	µg/Kg 1 4/21/2009 08:09 PM
Bromoform	ND 1.9	4.8	µg/Kg 1 4/21/2009 08:09 PM
Bromomethane	ND 0.66	4.8	µg/Kg 1 4/21/2009 08:09 PM
Carbon tetrachloride	ND 1.4	4.8	µg/Kg 1 4/21/2009 08:09 PM
Chlorobenzene	ND 0.63	4.8	µg/Kg 1 4/21/2009 08:09 PM
Chloroethane	ND 0.84	4.8	µg/Kg 1 4/21/2009 08:09 PM
Chloroform	ND 1.4	4.8	µg/Kg 1 4/21/2009 08:09 PM
Chloromethane	ND 0.37	4.8	µg/Kg 1 4/21/2009 08:09 PM
cis-1,2-Dichloroethene	ND 1.7	4.8	µg/Kg 1 4/21/2009 08:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023B

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.73	4.8	µg/Kg 1 4/21/2009 08:09 PM
Dibromochloromethane	ND 0.70	4.8	µg/Kg 1 4/21/2009 08:09 PM
Dibromomethane	ND 1.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
Dichlorodifluoromethane	ND 0.52	4.8	µg/Kg 1 4/21/2009 08:09 PM
Ethylbenzene	ND 0.31	4.8	µg/Kg 1 4/21/2009 08:09 PM
Hexachlorobutadiene	ND 2.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
Isopropylbenzene	ND 0.55	4.8	µg/Kg 1 4/21/2009 08:09 PM
m,p-Xylene	ND 0.67	9.7	µg/Kg 1 4/21/2009 08:09 PM
Methylene chloride	ND 4.8	4.8	µg/Kg 1 4/21/2009 08:09 PM
n-Butylbenzene	ND 1.2	4.8	µg/Kg 1 4/21/2009 08:09 PM
n-Propylbenzene	ND 0.66	4.8	µg/Kg 1 4/21/2009 08:09 PM
Naphthalene	ND 2.4	4.8	µg/Kg 1 4/21/2009 08:09 PM
o-Xylene	ND 0.48	4.8	µg/Kg 1 4/21/2009 08:09 PM
sec-Butylbenzene	ND 1.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
Styrene	ND 0.58	4.8	µg/Kg 1 4/21/2009 08:09 PM
tert-Butylbenzene	ND 1.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
Tetrachloroethene	ND 1.0	4.8	µg/Kg 1 4/21/2009 08:09 PM
Toluene	ND 0.54	4.8	µg/Kg 1 4/21/2009 08:09 PM
trans-1,2-Dichloroethene	ND 0.51	4.8	µg/Kg 1 4/21/2009 08:09 PM
Trichloroethene	ND 1.5	4.8	µg/Kg 1 4/21/2009 08:09 PM
Trichlorofluoromethane	ND 0.53	4.8	µg/Kg 1 4/21/2009 08:09 PM
Vinyl chloride	ND 0.41	4.8	µg/Kg 1 4/21/2009 08:09 PM
Surr: 1,2-Dichloroethane-d4	115 0	68-147	%REC 1 4/21/2009 08:09 PM
Surr: 4-Bromofluorobenzene	106 0	67-127	%REC 1 4/21/2009 08:09 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/21/2009 08:09 PM
Surr: Toluene-d8	119 0	75-120	%REC 1 4/21/2009 08:09 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-023E

Client Sample ID: 1001-105-20-S
Collection Date: 4/20/2009 1:35:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN
GRO	ND 0.15	0.97	mg/Kg 1 4/22/2009 04:12 AM
Surr: Bromofluorobenzene (FID)	115 0	59-145	%REC 1 4/22/2009 04:12 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.19	0.97	mg/Kg 1 4/22/2009 04:12 AM
Surr: Bromofluorobenzene (FID)	115 0	59-145	%REC 1 4/22/2009 04:12 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024A

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:38 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Chromium	20	0.088	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Cobalt	7.6	0.014	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Copper	25	0.26	2.0	mg/Kg	1	4/24/2009 08:38 PM	
Lead	20	0.11	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Nickel	14	0.032	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Vanadium	45	0.019	1.0	mg/Kg	1	4/24/2009 08:38 PM	
Zinc	93	0.19	1.0	mg/Kg	1	4/24/2009 08:38 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	970	10	10	mg/Kg	1	4/27/2009 07:34 PM	
Surr: p-Terphenyl	84.0	0	57-144	%REC	1	4/27/2009 07:34 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	300	10	10	mg/Kg	1	4/27/2009 07:34 PM	
T/R Hydrocarbons: C23-C32	1300	10	10	mg/Kg	1	4/27/2009 07:34 PM	
T/R Hydrocarbons:>C32	1800	10	10	mg/Kg	1	4/27/2009 07:34 PM	
Surr: p-Terphenyl	84.0	0	57-144	%REC	1	4/27/2009 07:34 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024A

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423C	QC Batch: 54930			PrepDate:	4/22/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 07:27 PM
Surr: Decachlorobiphenyl	71.8	0	30-124	%REC	1	4/23/2009 07:27 PM
Surr: Tetrachloro-m-xylene	85.0	0	40-118	%REC	1	4/23/2009 07:27 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090422E	QC Batch: 54902	PrepDate:	4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/22/2009 04:20 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090422B	QC Batch: 54912			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	210	820	µg/Kg	2.5	4/23/2009 11:10 AM
1,2-Dichlorobenzene	ND	210	820	µg/Kg	2.5	4/23/2009 11:10 AM
1,3-Dichlorobenzene	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
1,4-Dichlorobenzene	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
2,4,5-Trichlorophenol	ND	140	820	µg/Kg	2.5	4/23/2009 11:10 AM
2,4,6-Trichlorophenol	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
2,4-Dichlorophenol	ND	220	4100	µg/Kg	2.5	4/23/2009 11:10 AM
2,4-Dimethylphenol	ND	220	820	µg/Kg	2.5	4/23/2009 11:10 AM
2,4-Dinitrophenol	ND	110	4100	µg/Kg	2.5	4/23/2009 11:10 AM
2,4-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
2,6-Dinitrotoluene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
2-Chloronaphthalene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
2-Chlorophenol	ND	220	820	µg/Kg	2.5	4/23/2009 11:10 AM
2-Methylnaphthalene	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
2-Methylphenol	ND	240	820	µg/Kg	2.5	4/23/2009 11:10 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024A

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	200	4100	µg/Kg	2.5	4/23/2009 11:10 AM
2-Nitrophenol	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
3,3'-Dichlorobenzidine	ND	200	1600	µg/Kg	2.5	4/23/2009 11:10 AM
3-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/23/2009 11:10 AM
4,6-Dinitro-2-methylphenol	ND	160	4100	µg/Kg	2.5	4/23/2009 11:10 AM
4-Bromophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
4-Chloro-3-methylphenol	ND	190	1600	µg/Kg	2.5	4/23/2009 11:10 AM
4-Chloroaniline	ND	180	1600	µg/Kg	2.5	4/23/2009 11:10 AM
4-Chlorophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
4-Methylphenol	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
4-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/23/2009 11:10 AM
4-Nitrophenol	ND	180	4100	µg/Kg	2.5	4/23/2009 11:10 AM
Acenaphthene	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Acenaphthylene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
Anthracene	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzidine (M)	ND	180	4100	µg/Kg	2.5	4/23/2009 11:10 AM
Benzo(a)anthracene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzo(a)pyrene	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzo(b)fluoranthene	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzo(g,h,i)perylene	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzo(k)fluoranthene	ND	240	820	µg/Kg	2.5	4/23/2009 11:10 AM
Benzoic acid	ND	160	4100	µg/Kg	2.5	4/23/2009 11:10 AM
Benzyl alcohol	ND	220	1600	µg/Kg	2.5	4/23/2009 11:10 AM
Bis(2-chloroethoxy)methane	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Bis(2-chloroethyl)ether	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Bis(2-chloroisopropyl)ether	ND	230	820	µg/Kg	2.5	4/23/2009 11:10 AM
Bis(2-ethylhexyl)phthalate	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Butylbenzylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Chrysene	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Di-n-butylphthalate	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
Di-n-octylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Dibenz(a,h)anthracene	ND	210	820	µg/Kg	2.5	4/23/2009 11:10 AM
Dibenzofuran	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
Diethylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Dimethylphthalate	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024A

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090422B	QC Batch: 54912	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	180	820	µg/Kg	2.5	4/23/2009 11:10 AM
Fluorene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
Hexachlorobenzene	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
Hexachlorobutadiene	ND	190	1600	µg/Kg	2.5	4/23/2009 11:10 AM
Hexachlorocyclopentadiene	ND	200	1600	µg/Kg	2.5	4/23/2009 11:10 AM
Hexachloroethane	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Indeno(1,2,3-cd)pyrene	ND	170	820	µg/Kg	2.5	4/23/2009 11:10 AM
Isophorone	ND	210	820	µg/Kg	2.5	4/23/2009 11:10 AM
N-Nitrosodi-n-propylamine	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
N-Nitrosodiphenylamine	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Naphthalene	ND	210	820	µg/Kg	2.5	4/23/2009 11:10 AM
Nitrobenzene	ND	200	820	µg/Kg	2.5	4/23/2009 11:10 AM
Pentachlorophenol	ND	140	4100	µg/Kg	2.5	4/23/2009 11:10 AM
Phenanthrene	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
Phenol	ND	240	820	µg/Kg	2.5	4/23/2009 11:10 AM
Pyrene	ND	190	820	µg/Kg	2.5	4/23/2009 11:10 AM
Surr: 1,2-Dichlorobenzene-d4	60.6	0	49-103	%REC	2.5	4/23/2009 11:10 AM
Surr: 2,4,6-Tribromophenol	50.9	0	47-129	%REC	2.5	4/23/2009 11:10 AM
Surr: 2-Chlorophenol-d4	66.8	0	54-109	%REC	2.5	4/23/2009 11:10 AM
Surr: 2-Fluorobiphenyl	71.4	0	59-108	%REC	2.5	4/23/2009 11:10 AM
Surr: 2-Fluorophenol	66.6	0	50-111	%REC	2.5	4/23/2009 11:10 AM
Surr: 4-Terphenyl-d14	79.9	0	58-135	%REC	2.5	4/23/2009 11:10 AM
Surr: Nitrobenzene-d5	67.3	0	54-115	%REC	2.5	4/23/2009 11:10 AM
Surr: Phenol-d5	67.4	0	58-112	%REC	2.5	4/23/2009 11:10 AM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	7.9	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024B

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.0	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1,1-Trichloroethane	ND 1.4	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1,2,2-Tetrachloroethane	ND 3.2	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1,2-Trichloroethane	ND 1.3	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1-Dichloroethane	ND 0.63	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1-Dichloroethene	ND 0.47	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,1-Dichloropropene	ND 2.2	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2,3-Trichlorobenzene	ND 3.9	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2,3-Trichloropropane	ND 2.4	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2,4-Trichlorobenzene	ND 2.4	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2,4-Trimethylbenzene	ND 1.1	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2-Dibromo-3-chloropropane	ND 3.3	10	µg/Kg 1 4/21/2009 08:29 PM
1,2-Dibromoethane	ND 1.0	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2-Dichlorobenzene	ND 2.2	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2-Dichloroethane	ND 1.9	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,2-Dichloropropane	ND 1.6	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,3,5-Trimethylbenzene	ND 0.81	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,3-Dichlorobenzene	ND 1.8	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,3-Dichloropropane	ND 0.33	5.2	µg/Kg 1 4/21/2009 08:29 PM
1,4-Dichlorobenzene	ND 1.9	5.2	µg/Kg 1 4/21/2009 08:29 PM
2,2-Dichloropropane	ND 0.50	5.2	µg/Kg 1 4/21/2009 08:29 PM
2-Chlorotoluene	ND 0.93	5.2	µg/Kg 1 4/21/2009 08:29 PM
4-Chlorotoluene	ND 1.2	5.2	µg/Kg 1 4/21/2009 08:29 PM
4-Isopropyltoluene	ND 1.2	5.2	µg/Kg 1 4/21/2009 08:29 PM
Benzene	ND 0.67	5.2	µg/Kg 1 4/21/2009 08:29 PM
Bromobenzene	ND 1.3	5.2	µg/Kg 1 4/21/2009 08:29 PM
Bromodichloromethane	ND 1.4	5.2	µg/Kg 1 4/21/2009 08:29 PM
Bromoform	ND 2.0	5.2	µg/Kg 1 4/21/2009 08:29 PM
Bromomethane	ND 0.71	5.2	µg/Kg 1 4/21/2009 08:29 PM
Carbon tetrachloride	ND 1.5	5.2	µg/Kg 1 4/21/2009 08:29 PM
Chlorobenzene	ND 0.68	5.2	µg/Kg 1 4/21/2009 08:29 PM
Chloroethane	ND 0.90	5.2	µg/Kg 1 4/21/2009 08:29 PM
Chloroform	ND 1.5	5.2	µg/Kg 1 4/21/2009 08:29 PM
Chloromethane	ND 0.40	5.2	µg/Kg 1 4/21/2009 08:29 PM
cis-1,2-Dichloroethene	ND 1.9	5.2	µg/Kg 1 4/21/2009 08:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024B

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090421B	QC Batch: T09VS103	PrepDate: 4/21/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.78	5.2	µg/Kg	1	4/21/2009 08:29 PM
Dibromochloromethane	ND	0.75	5.2	µg/Kg	1	4/21/2009 08:29 PM
Dibromomethane	ND	1.2	5.2	µg/Kg	1	4/21/2009 08:29 PM
Dichlorodifluoromethane	ND	0.56	5.2	µg/Kg	1	4/21/2009 08:29 PM
Ethylbenzene	ND	0.33	5.2	µg/Kg	1	4/21/2009 08:29 PM
Hexachlorobutadiene	ND	2.3	5.2	µg/Kg	1	4/21/2009 08:29 PM
Isopropylbenzene	ND	0.59	5.2	µg/Kg	1	4/21/2009 08:29 PM
m,p-Xylene	ND	0.72	10	µg/Kg	1	4/21/2009 08:29 PM
Methylene chloride	ND	5.2	5.2	µg/Kg	1	4/21/2009 08:29 PM
n-Butylbenzene	ND	1.3	5.2	µg/Kg	1	4/21/2009 08:29 PM
n-Propylbenzene	ND	0.71	5.2	µg/Kg	1	4/21/2009 08:29 PM
Naphthalene	ND	2.6	5.2	µg/Kg	1	4/21/2009 08:29 PM
o-Xylene	ND	0.52	5.2	µg/Kg	1	4/21/2009 08:29 PM
sec-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/21/2009 08:29 PM
Styrene	ND	0.62	5.2	µg/Kg	1	4/21/2009 08:29 PM
tert-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/21/2009 08:29 PM
Tetrachloroethene	11	1.1	5.2	µg/Kg	1	4/21/2009 08:29 PM
Toluene	ND	0.58	5.2	µg/Kg	1	4/21/2009 08:29 PM
trans-1,2-Dichloroethene	ND	0.55	5.2	µg/Kg	1	4/21/2009 08:29 PM
Trichloroethene	ND	1.6	5.2	µg/Kg	1	4/21/2009 08:29 PM
Trichlorofluoromethane	ND	0.57	5.2	µg/Kg	1	4/21/2009 08:29 PM
Vinyl chloride	ND	0.44	5.2	µg/Kg	1	4/21/2009 08:29 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/21/2009 08:29 PM
Surr: 4-Bromofluorobenzene	98.6	0	67-127	%REC	1	4/21/2009 08:29 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/21/2009 08:29 PM
Surr: Toluene-d8	114	0	75-120	%REC	1	4/21/2009 08:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-024E

Client Sample ID: 1001-111-2-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.13	0.89	mg/Kg	1	4/22/2009 04:27 AM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/22/2009 04:27 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.17	0.89	mg/Kg	1	4/22/2009 04:27 AM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/22/2009 04:27 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025A

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:41 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Barium	150	0.13	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Cobalt	8.9	0.014	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Copper	25	0.26	2.0	mg/Kg	1	4/24/2009 08:41 PM	
Lead	8.5	0.11	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Molybdenum	1.1	0.043	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Vanadium	53	0.019	1.0	mg/Kg	1	4/24/2009 08:41 PM	
Zinc	72	0.19	1.0	mg/Kg	1	4/24/2009 08:41 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	200	10	10	mg/Kg	1	4/27/2009 07:24 PM	
Surr: p-Terphenyl	86.9	0	57-144	%REC	1	4/27/2009 07:24 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	71	10	10	mg/Kg	1	4/27/2009 07:24 PM	
T/R Hydrocarbons: C23-C32	260	10	10	mg/Kg	1	4/27/2009 07:24 PM	
T/R Hydrocarbons:>C32	490	10	10	mg/Kg	1	4/27/2009 07:24 PM	
Surr: p-Terphenyl	86.9	0	57-144	%REC	1	4/27/2009 07:24 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025A

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 07:57 PM
Surr: Decachlorobiphenyl	69.0 0	30-124	%REC 1 4/23/2009 07:57 PM
Surr: Tetrachloro-m-xylene	89.0 0	40-118	%REC 1 4/23/2009 07:57 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	0.51 0.021	0.10	mg/Kg 1 4/22/2009 04:22 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 210	820	µg/Kg 2.5 4/23/2009 01:54 PM
1,2-Dichlorobenzene	ND 210	820	µg/Kg 2.5 4/23/2009 01:54 PM
1,3-Dichlorobenzene	ND 190	820	µg/Kg 2.5 4/23/2009 01:54 PM
1,4-Dichlorobenzene	ND 200	820	µg/Kg 2.5 4/23/2009 01:54 PM
2,4,5-Trichlorophenol	ND 140	820	µg/Kg 2.5 4/23/2009 01:54 PM
2,4,6-Trichlorophenol	ND 190	820	µg/Kg 2.5 4/23/2009 01:54 PM
2,4-Dichlorophenol	ND 220	4100	µg/Kg 2.5 4/23/2009 01:54 PM
2,4-Dimethylphenol	ND 220	820	µg/Kg 2.5 4/23/2009 01:54 PM
2,4-Dinitrophenol	ND 110	4100	µg/Kg 2.5 4/23/2009 01:54 PM
2,4-Dinitrotoluene	ND 170	820	µg/Kg 2.5 4/23/2009 01:54 PM
2,6-Dinitrotoluene	ND 170	820	µg/Kg 2.5 4/23/2009 01:54 PM
2-Chloronaphthalene	ND 170	820	µg/Kg 2.5 4/23/2009 01:54 PM
2-Chlorophenol	ND 220	820	µg/Kg 2.5 4/23/2009 01:54 PM
2-Methylnaphthalene	ND 200	820	µg/Kg 2.5 4/23/2009 01:54 PM
2-Methylphenol	ND 240	820	µg/Kg 2.5 4/23/2009 01:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025A

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	200	4100	µg/Kg	2.5	4/23/2009 01:54 PM
2-Nitrophenol	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
3,3'-Dichlorobenzidine	ND	200	1600	µg/Kg	2.5	4/23/2009 01:54 PM
3-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/23/2009 01:54 PM
4,6-Dinitro-2-methylphenol	ND	160	4100	µg/Kg	2.5	4/23/2009 01:54 PM
4-Bromophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
4-Chloro-3-methylphenol	ND	190	1600	µg/Kg	2.5	4/23/2009 01:54 PM
4-Chloroaniline	ND	180	1600	µg/Kg	2.5	4/23/2009 01:54 PM
4-Chlorophenyl-phenylether	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
4-Methylphenol	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
4-Nitroaniline	ND	150	4100	µg/Kg	2.5	4/23/2009 01:54 PM
4-Nitrophenol	ND	180	4100	µg/Kg	2.5	4/23/2009 01:54 PM
Acenaphthene	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Acenaphthylene	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
Anthracene	ND	190	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzidine (M)	ND	180	4100	µg/Kg	2.5	4/23/2009 01:54 PM
Benzo(a)anthracene	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzo(a)pyrene	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzo(b)fluoranthene	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzo(g,h,i)perylene	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzo(k)fluoranthene	ND	240	820	µg/Kg	2.5	4/23/2009 01:54 PM
Benzoic acid	ND	160	4100	µg/Kg	2.5	4/23/2009 01:54 PM
Benzyl alcohol	ND	220	1600	µg/Kg	2.5	4/23/2009 01:54 PM
Bis(2-chloroethoxy)methane	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Bis(2-chloroethyl)ether	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Bis(2-chloroisopropyl)ether	ND	230	820	µg/Kg	2.5	4/23/2009 01:54 PM
Bis(2-ethylhexyl)phthalate	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Butylbenzylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Chrysene	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Di-n-butylphthalate	ND	190	820	µg/Kg	2.5	4/23/2009 01:54 PM
Di-n-octylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Dibenz(a,h)anthracene	ND	210	820	µg/Kg	2.5	4/23/2009 01:54 PM
Dibenzofuran	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
Diethylphthalate	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Dimethylphthalate	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025A

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	180	820	µg/Kg	2.5	4/23/2009 01:54 PM
Fluorene	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
Hexachlorobenzene	ND	190	820	µg/Kg	2.5	4/23/2009 01:54 PM
Hexachlorobutadiene	ND	190	1600	µg/Kg	2.5	4/23/2009 01:54 PM
Hexachlorocyclopentadiene	ND	200	1600	µg/Kg	2.5	4/23/2009 01:54 PM
Hexachloroethane	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Indeno(1,2,3-cd)pyrene	ND	170	820	µg/Kg	2.5	4/23/2009 01:54 PM
Isophorone	ND	210	820	µg/Kg	2.5	4/23/2009 01:54 PM
N-Nitrosodi-n-propylamine	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
N-Nitrosodiphenylamine	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Naphthalene	ND	210	820	µg/Kg	2.5	4/23/2009 01:54 PM
Nitrobenzene	ND	200	820	µg/Kg	2.5	4/23/2009 01:54 PM
Pentachlorophenol	ND	140	4100	µg/Kg	2.5	4/23/2009 01:54 PM
Phenanthrene	ND	190	820	µg/Kg	2.5	4/23/2009 01:54 PM
Phenol	ND	240	820	µg/Kg	2.5	4/23/2009 01:54 PM
Pyrene	ND	190	820	µg/Kg	2.5	4/23/2009 01:54 PM
Surr: 1,2-Dichlorobenzene-d4	51.8	0	49-103	%REC	2.5	4/23/2009 01:54 PM
Surr: 2,4,6-Tribromophenol	41.6	0	47-129	S %REC	2.5	4/23/2009 01:54 PM
Surr: 2-Chlorophenol-d4	56.3	0	54-109	%REC	2.5	4/23/2009 01:54 PM
Surr: 2-Fluorobiphenyl	59.2	0	59-108	%REC	2.5	4/23/2009 01:54 PM
Surr: 2-Fluorophenol	56.2	0	50-111	%REC	2.5	4/23/2009 01:54 PM
Surr: 4-Terphenyl-d14	64.2	0	58-135	%REC	2.5	4/23/2009 01:54 PM
Surr: Nitrobenzene-d5	57.4	0	54-115	%REC	2.5	4/23/2009 01:54 PM
Surr: Phenol-d5	56.6	0	58-112	S %REC	2.5	4/23/2009 01:54 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	7.7	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025B

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
1,1,1,2-Tetrachloroethane	ND	1.0	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1,1-Trichloroethane	ND	1.4	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1,2,2-Tetrachloroethane	ND	3.3	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1,2-Trichloroethane	ND	1.3	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1-Dichloroethane	ND	0.65	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1-Dichloroethene	ND	0.48	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,1-Dichloropropene	ND	2.2	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2,3-Trichlorobenzene	ND	4.0	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2,3-Trichloropropane	ND	2.5	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2,4-Trichlorobenzene	ND	2.5	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2,4-Trimethylbenzene	ND	1.1	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2-Dibromo-3-chloropropane	ND	3.3	11	µg/Kg	1	4/22/2009 12:49 PM
1,2-Dibromoethane	ND	1.0	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2-Dichlorobenzene	ND	2.2	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2-Dichloroethane	ND	2.0	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,2-Dichloropropane	ND	1.6	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,3,5-Trimethylbenzene	ND	0.83	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,3-Dichlorobenzene	ND	1.8	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,3-Dichloropropane	ND	0.34	5.3	µg/Kg	1	4/22/2009 12:49 PM
1,4-Dichlorobenzene	ND	1.9	5.3	µg/Kg	1	4/22/2009 12:49 PM
2,2-Dichloropropane	ND	0.51	5.3	µg/Kg	1	4/22/2009 12:49 PM
2-Chlorotoluene	ND	0.94	5.3	µg/Kg	1	4/22/2009 12:49 PM
4-Chlorotoluene	ND	1.2	5.3	µg/Kg	1	4/22/2009 12:49 PM
4-Isopropyltoluene	ND	1.2	5.3	µg/Kg	1	4/22/2009 12:49 PM
Benzene	ND	0.68	5.3	µg/Kg	1	4/22/2009 12:49 PM
Bromobenzene	ND	1.3	5.3	µg/Kg	1	4/22/2009 12:49 PM
Bromodichloromethane	ND	1.4	5.3	µg/Kg	1	4/22/2009 12:49 PM
Bromoform	ND	2.1	5.3	µg/Kg	1	4/22/2009 12:49 PM
Bromomethane	ND	0.72	5.3	µg/Kg	1	4/22/2009 12:49 PM
Carbon tetrachloride	ND	1.5	5.3	µg/Kg	1	4/22/2009 12:49 PM
Chlorobenzene	ND	0.69	5.3	µg/Kg	1	4/22/2009 12:49 PM
Chloroethane	ND	0.92	5.3	µg/Kg	1	4/22/2009 12:49 PM
Chloroform	ND	1.6	5.3	µg/Kg	1	4/22/2009 12:49 PM
Chloromethane	ND	0.40	5.3	µg/Kg	1	4/22/2009 12:49 PM
cis-1,2-Dichloroethene	ND	1.9	5.3	µg/Kg	1	4/22/2009 12:49 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025B

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.80	5.3	µg/Kg 1 4/22/2009 12:49 PM
Dibromochloromethane	ND 0.76	5.3	µg/Kg 1 4/22/2009 12:49 PM
Dibromomethane	ND 1.3	5.3	µg/Kg 1 4/22/2009 12:49 PM
Dichlorodifluoromethane	ND 0.57	5.3	µg/Kg 1 4/22/2009 12:49 PM
Ethylbenzene	ND 0.34	5.3	µg/Kg 1 4/22/2009 12:49 PM
Hexachlorobutadiene	ND 2.4	5.3	µg/Kg 1 4/22/2009 12:49 PM
Isopropylbenzene	ND 0.61	5.3	µg/Kg 1 4/22/2009 12:49 PM
m,p-Xylene	ND 0.73	11	µg/Kg 1 4/22/2009 12:49 PM
Methylene chloride	ND 5.3	5.3	µg/Kg 1 4/22/2009 12:49 PM
n-Butylbenzene	ND 1.3	5.3	µg/Kg 1 4/22/2009 12:49 PM
n-Propylbenzene	ND 0.72	5.3	µg/Kg 1 4/22/2009 12:49 PM
Naphthalene	ND 2.7	5.3	µg/Kg 1 4/22/2009 12:49 PM
o-Xylene	ND 0.53	5.3	µg/Kg 1 4/22/2009 12:49 PM
sec-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 12:49 PM
Styrene	ND 0.64	5.3	µg/Kg 1 4/22/2009 12:49 PM
tert-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 12:49 PM
Tetrachloroethene	15 1.1	5.3	µg/Kg 1 4/22/2009 12:49 PM
Toluene	ND 0.59	5.3	µg/Kg 1 4/22/2009 12:49 PM
trans-1,2-Dichloroethene	ND 0.56	5.3	µg/Kg 1 4/22/2009 12:49 PM
Trichloroethene	ND 1.6	5.3	µg/Kg 1 4/22/2009 12:49 PM
Trichlorofluoromethane	ND 0.58	5.3	µg/Kg 1 4/22/2009 12:49 PM
Vinyl chloride	ND 0.45	5.3	µg/Kg 1 4/22/2009 12:49 PM
Surr: 1,2-Dichloroethane-d4	109 0	68-147	%REC 1 4/22/2009 12:49 PM
Surr: 4-Bromofluorobenzene	98.5 0	67-127	%REC 1 4/22/2009 12:49 PM
Surr: Dibromofluoromethane	108 0	72-141	%REC 1 4/22/2009 12:49 PM
Surr: Toluene-d8	112 0	75-120	%REC 1 4/22/2009 12:49 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-025E

Client Sample ID: 1001-111-2D-S
Collection Date: 4/20/2009 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.18	1.2	mg/Kg	1	4/22/2009 04:42 AM
Surr: Bromofluorobenzene (FID)	95.8 0	59-145	%REC	1	4/22/2009 04:42 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.23	1.2	mg/Kg	1	4/22/2009 04:42 AM
Surr: Bromofluorobenzene (FID)	95.8 0	59-145	%REC	1	4/22/2009 04:42 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-026A

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:43 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Barium	200	0.13	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Chromium	25	0.088	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Copper	30	0.26	2.0	mg/Kg	1	4/24/2009 08:43 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Nickel	19	0.032	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Vanadium	61	0.019	1.0	mg/Kg	1	4/24/2009 08:43 PM	
Zinc	63	0.19	1.0	mg/Kg	1	4/24/2009 08:43 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	48	10	10	mg/Kg	1	4/25/2009 05:49 PM	
Surr: p-Terphenyl	99.6	0	57-144	%REC	1	4/25/2009 05:49 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	25	10	10	mg/Kg	1	4/25/2009 05:49 PM	
T/R Hydrocarbons: C23-C32	28	10	10	mg/Kg	1	4/25/2009 05:49 PM	
T/R Hydrocarbons:>C32	13	10	10	mg/Kg	1	4/25/2009 05:49 PM	
Surr: p-Terphenyl	99.6	0	57-144	%REC	1	4/25/2009 05:49 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-026A

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082	
RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 08:26 PM
Surr: Decachlorobiphenyl	80.9 0	30-124	%REC 1 4/23/2009 08:26 PM
Surr: Tetrachloro-m-xylene	100 0	40-118	%REC 1 4/23/2009 08:26 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:24 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C	
RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/27/2009 01:04 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/27/2009 01:04 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/27/2009 01:04 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/27/2009 01:04 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/27/2009 01:04 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/27/2009 01:04 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/27/2009 01:04 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/27/2009 01:04 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/27/2009 01:04 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/27/2009 01:04 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/27/2009 01:04 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/27/2009 01:04 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/27/2009 01:04 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/27/2009 01:04 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/27/2009 01:04 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-026A

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/27/2009 01:04 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/27/2009 01:04 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/27/2009 01:04 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/27/2009 01:04 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/27/2009 01:04 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/27/2009 01:04 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/27/2009 01:04 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/27/2009 01:04 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/27/2009 01:04 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/27/2009 01:04 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/27/2009 01:04 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/27/2009 01:04 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/27/2009 01:04 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/27/2009 01:04 PM
Anthracene	ND 76	330	µg/Kg 1 4/27/2009 01:04 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/27/2009 01:04 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/27/2009 01:04 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/27/2009 01:04 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/27/2009 01:04 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/27/2009 01:04 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/27/2009 01:04 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/27/2009 01:04 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/27/2009 01:04 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/27/2009 01:04 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/27/2009 01:04 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/27/2009 01:04 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/27/2009 01:04 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/27/2009 01:04 PM
Chrysene	ND 79	330	µg/Kg 1 4/27/2009 01:04 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/27/2009 01:04 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/27/2009 01:04 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/27/2009 01:04 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/27/2009 01:04 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/27/2009 01:04 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/27/2009 01:04 PM

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ANALYTICAL RESULTS

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-026A

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/27/2009 01:04 PM
Fluorene	ND	69	330	µg/Kg	1 4/27/2009 01:04 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/27/2009 01:04 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/27/2009 01:04 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/27/2009 01:04 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/27/2009 01:04 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/27/2009 01:04 PM
Isophorone	ND	85	330	µg/Kg	1 4/27/2009 01:04 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/27/2009 01:04 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/27/2009 01:04 PM
Naphthalene	ND	86	330	µg/Kg	1 4/27/2009 01:04 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/27/2009 01:04 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/27/2009 01:04 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/27/2009 01:04 PM
Phenol	1000	95	330	µg/Kg	1 4/27/2009 01:04 PM
Pyrene	ND	77	330	µg/Kg	1 4/27/2009 01:04 PM
Surr: 1,2-Dichlorobenzene-d4	86.1	0	49-103	%REC	1 4/27/2009 01:04 PM
Surr: 2,4,6-Tribromophenol	92.8	0	47-129	%REC	1 4/27/2009 01:04 PM
Surr: 2-Chlorophenol-d4	94.1	0	54-109	%REC	1 4/27/2009 01:04 PM
Surr: 2-Fluorobiphenyl	103	0	59-108	%REC	1 4/27/2009 01:04 PM
Surr: 2-Fluorophenol	91.4	0	50-111	%REC	1 4/27/2009 01:04 PM
Surr: 4-Terphenyl-d14	133	0	58-135	%REC	1 4/27/2009 01:04 PM
Surr: Nitrobenzene-d5	98.4	0	54-115	%REC	1 4/27/2009 01:04 PM
Surr: Phenol-d5	98.5	0	58-112	%REC	1 4/27/2009 01:04 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342			PrepDate:	Analyst: DDL
pH	7.7	0.10	0.10	pH Units	1 4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-026B

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 0.96	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1,1-Trichloroethane	ND 1.3	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1,2,2-Tetrachloroethane	ND 3.1	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1,2-Trichloroethane	ND 1.2	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1-Dichloroethane	ND 0.61	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1-Dichloroethene	ND 0.45	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,1-Dichloropropene	ND 2.1	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2,3-Trichlorobenzene	ND 3.7	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2,3-Trichloropropane	ND 2.3	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2,4-Trichlorobenzene	ND 2.3	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2,4-Trimethylbenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2-Dibromo-3-chloropropane	ND 3.1	10	µg/Kg 1 4/22/2009 01:08 PM
1,2-Dibromoethane	ND 0.97	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2-Dichlorobenzene	ND 2.1	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2-Dichloroethane	ND 1.8	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,2-Dichloropropane	ND 1.5	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,3,5-Trimethylbenzene	ND 0.78	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,3-Dichlorobenzene	ND 1.7	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,3-Dichloropropane	ND 0.32	5.0	µg/Kg 1 4/22/2009 01:08 PM
1,4-Dichlorobenzene	ND 1.8	5.0	µg/Kg 1 4/22/2009 01:08 PM
2,2-Dichloropropane	ND 0.48	5.0	µg/Kg 1 4/22/2009 01:08 PM
2-Chlorotoluene	ND 0.89	5.0	µg/Kg 1 4/22/2009 01:08 PM
4-Chlorotoluene	ND 1.1	5.0	µg/Kg 1 4/22/2009 01:08 PM
4-Isopropyltoluene	ND 1.1	5.0	µg/Kg 1 4/22/2009 01:08 PM
Benzene	ND 0.64	5.0	µg/Kg 1 4/22/2009 01:08 PM
Bromobenzene	ND 1.3	5.0	µg/Kg 1 4/22/2009 01:08 PM
Bromodichloromethane	ND 1.3	5.0	µg/Kg 1 4/22/2009 01:08 PM
Bromoform	ND 2.0	5.0	µg/Kg 1 4/22/2009 01:08 PM
Bromomethane	ND 0.68	5.0	µg/Kg 1 4/22/2009 01:08 PM
Carbon tetrachloride	ND 1.4	5.0	µg/Kg 1 4/22/2009 01:08 PM
Chlorobenzene	ND 0.65	5.0	µg/Kg 1 4/22/2009 01:08 PM
Chloroethane	ND 0.87	5.0	µg/Kg 1 4/22/2009 01:08 PM
Chloroform	ND 1.5	5.0	µg/Kg 1 4/22/2009 01:08 PM
Chloromethane	ND 0.38	5.0	µg/Kg 1 4/22/2009 01:08 PM
cis-1,2-Dichloroethene	ND 1.8	5.0	µg/Kg 1 4/22/2009 01:08 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-026B

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.75	5.0	µg/Kg	1	4/22/2009 01:08 PM
Dibromochloromethane	ND	0.72	5.0	µg/Kg	1	4/22/2009 01:08 PM
Dibromomethane	ND	1.2	5.0	µg/Kg	1	4/22/2009 01:08 PM
Dichlorodifluoromethane	ND	0.54	5.0	µg/Kg	1	4/22/2009 01:08 PM
Ethylbenzene	ND	0.32	5.0	µg/Kg	1	4/22/2009 01:08 PM
Hexachlorobutadiene	ND	2.2	5.0	µg/Kg	1	4/22/2009 01:08 PM
Isopropylbenzene	ND	0.57	5.0	µg/Kg	1	4/22/2009 01:08 PM
m,p-Xylene	ND	0.69	10	µg/Kg	1	4/22/2009 01:08 PM
Methylene chloride	ND	5.0	5.0	µg/Kg	1	4/22/2009 01:08 PM
n-Butylbenzene	ND	1.2	5.0	µg/Kg	1	4/22/2009 01:08 PM
n-Propylbenzene	ND	0.68	5.0	µg/Kg	1	4/22/2009 01:08 PM
Naphthalene	ND	2.5	5.0	µg/Kg	1	4/22/2009 01:08 PM
o-Xylene	ND	0.50	5.0	µg/Kg	1	4/22/2009 01:08 PM
sec-Butylbenzene	ND	1.0	5.0	µg/Kg	1	4/22/2009 01:08 PM
Styrene	ND	0.60	5.0	µg/Kg	1	4/22/2009 01:08 PM
tert-Butylbenzene	ND	1.0	5.0	µg/Kg	1	4/22/2009 01:08 PM
Tetrachloroethene	ND	1.0	5.0	µg/Kg	1	4/22/2009 01:08 PM
Toluene	ND	0.56	5.0	µg/Kg	1	4/22/2009 01:08 PM
trans-1,2-Dichloroethene	ND	0.53	5.0	µg/Kg	1	4/22/2009 01:08 PM
Trichloroethene	ND	1.5	5.0	µg/Kg	1	4/22/2009 01:08 PM
Trichlorofluoromethane	ND	0.55	5.0	µg/Kg	1	4/22/2009 01:08 PM
Vinyl chloride	ND	0.42	5.0	µg/Kg	1	4/22/2009 01:08 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/22/2009 01:08 PM
Surr: 4-Bromofluorobenzene	99.3	0	67-127	%REC	1	4/22/2009 01:08 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/22/2009 01:08 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/22/2009 01:08 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-026E

Client Sample ID: 1001-111-5-S
Collection Date: 4/20/2009 2:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.16	1.1	mg/Kg	1 4/22/2009 04:58 AM
Surr: Bromofluorobenzene (FID)	108	0	59-145	%REC	1 4/22/2009 04:58 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.21	1.1	mg/Kg	1 4/22/2009 04:58 AM
Surr: Bromofluorobenzene (FID)	108	0	59-145	%REC	1 4/22/2009 04:58 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 01-May-09

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-027A

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:46 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Barium	75	0.13	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Chromium	13	0.088	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Cobalt	5.1	0.014	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Copper	11	0.26	2.0	mg/Kg	1	4/24/2009 08:46 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Nickel	8.3	0.032	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Vanadium	34	0.019	1.0	mg/Kg	1	4/24/2009 08:46 PM	
Zinc	27	0.19	1.0	mg/Kg	1	4/24/2009 08:46 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	59	10	10	mg/Kg	1	4/25/2009 05:58 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/25/2009 05:58 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	31	10	10	mg/Kg	1	4/25/2009 05:58 PM	
T/R Hydrocarbons: C23-C32	33	10	10	mg/Kg	1	4/25/2009 05:58 PM	
T/R Hydrocarbons:>C32	16	10	10	mg/Kg	1	4/25/2009 05:58 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/25/2009 05:58 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027A

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423C	QC Batch: 54930			PrepDate:	4/22/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 04:28 PM
Surr: Decachlorobiphenyl	77.1	0	30-124	%REC	1	4/23/2009 04:28 PM
Surr: Tetrachloro-m-xylene	88.3	0	40-118	%REC	1	4/23/2009 04:28 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090422E	QC Batch: 54902	PrepDate:	4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/22/2009 04:26 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090423A	QC Batch: 54926			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/24/2009 12:59 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/24/2009 12:59 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/24/2009 12:59 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/24/2009 12:59 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/24/2009 12:59 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/24/2009 12:59 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/24/2009 12:59 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/24/2009 12:59 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/24/2009 12:59 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 12:59 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 12:59 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/24/2009 12:59 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/24/2009 12:59 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/24/2009 12:59 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/24/2009 12:59 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027A

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/24/2009 12:59 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/24/2009 12:59 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/24/2009 12:59 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 12:59 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/24/2009 12:59 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/24/2009 12:59 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/24/2009 12:59 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/24/2009 12:59 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/24/2009 12:59 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/24/2009 12:59 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 12:59 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/24/2009 12:59 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/24/2009 12:59 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/24/2009 12:59 PM
Anthracene	ND	76	330	µg/Kg	1	4/24/2009 12:59 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/24/2009 12:59 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/24/2009 12:59 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/24/2009 12:59 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/24/2009 12:59 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/24/2009 12:59 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/24/2009 12:59 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/24/2009 12:59 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/24/2009 12:59 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/24/2009 12:59 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/24/2009 12:59 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/24/2009 12:59 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/24/2009 12:59 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/24/2009 12:59 PM
Chrysene	ND	79	330	µg/Kg	1	4/24/2009 12:59 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/24/2009 12:59 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/24/2009 12:59 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/24/2009 12:59 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/24/2009 12:59 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/24/2009 12:59 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/24/2009 12:59 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027A

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/24/2009 12:59 PM
Fluorene	ND	69	330	µg/Kg	1	4/24/2009 12:59 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/24/2009 12:59 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/24/2009 12:59 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/24/2009 12:59 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/24/2009 12:59 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/24/2009 12:59 PM
Isophorone	ND	85	330	µg/Kg	1	4/24/2009 12:59 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/24/2009 12:59 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/24/2009 12:59 PM
Naphthalene	ND	86	330	µg/Kg	1	4/24/2009 12:59 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/24/2009 12:59 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/24/2009 12:59 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/24/2009 12:59 PM
Phenol	540	95	330	µg/Kg	1	4/24/2009 12:59 PM
Pyrene	ND	77	330	µg/Kg	1	4/24/2009 12:59 PM
Surr: 1,2-Dichlorobenzene-d4	82.3	0	49-103	%REC	1	4/24/2009 12:59 PM
Surr: 2,4,6-Tribromophenol	85.2	0	47-129	%REC	1	4/24/2009 12:59 PM
Surr: 2-Chlorophenol-d4	86.0	0	54-109	%REC	1	4/24/2009 12:59 PM
Surr: 2-Fluorobiphenyl	93.4	0	59-108	%REC	1	4/24/2009 12:59 PM
Surr: 2-Fluorophenol	83.8	0	50-111	%REC	1	4/24/2009 12:59 PM
Surr: 4-Terphenyl-d14	119	0	58-135	%REC	1	4/24/2009 12:59 PM
Surr: Nitrobenzene-d5	88.4	0	54-115	%REC	1	4/24/2009 12:59 PM
Surr: Phenol-d5	89.8	0	58-112	%REC	1	4/24/2009 12:59 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027B

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422A	QC Batch:	T09VS104	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.85	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1,1-Trichloroethane	ND	1.2	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1,2,2-Tetrachloroethane	ND	2.7	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1,2-Trichloroethane	ND	1.1	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1-Dichloroethane	ND	0.54	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1-Dichloroethene	ND	0.40	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,1-Dichloropropene	ND	1.9	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2,3-Trichlorobenzene	ND	3.3	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2,3-Trichloropropane	ND	2.0	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2,4-Trimethylbenzene	ND	0.92	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2-Dibromo-3-chloropropane	ND	2.8	8.8	µg/Kg	1	4/22/2009 01:28 PM	
1,2-Dibromoethane	ND	0.86	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2-Dichlorobenzene	ND	1.9	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2-Dichloroethane	ND	1.6	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,2-Dichloropropane	ND	1.4	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,3,5-Trimethylbenzene	ND	0.69	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,3-Dichlorobenzene	ND	1.5	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,3-Dichloropropane	ND	0.28	4.4	µg/Kg	1	4/22/2009 01:28 PM	
1,4-Dichlorobenzene	ND	1.6	4.4	µg/Kg	1	4/22/2009 01:28 PM	
2,2-Dichloropropane	ND	0.42	4.4	µg/Kg	1	4/22/2009 01:28 PM	
2-Chlorotoluene	ND	0.79	4.4	µg/Kg	1	4/22/2009 01:28 PM	
4-Chlorotoluene	ND	1.0	4.4	µg/Kg	1	4/22/2009 01:28 PM	
4-Isopropyltoluene	ND	0.98	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Benzene	ND	0.57	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Bromobenzene	ND	1.1	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Bromodichloromethane	ND	1.2	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Bromoform	ND	1.7	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Bromomethane	ND	0.60	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Carbon tetrachloride	ND	1.2	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Chlorobenzene	ND	0.58	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Chloroethane	ND	0.77	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Chloroform	ND	1.3	4.4	µg/Kg	1	4/22/2009 01:28 PM	
Chloromethane	ND	0.34	4.4	µg/Kg	1	4/22/2009 01:28 PM	
cis-1,2-Dichloroethene	ND	1.6	4.4	µg/Kg	1	4/22/2009 01:28 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027B

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.66	4.4	µg/Kg	1	4/22/2009 01:28 PM
Dibromochloromethane	ND	0.64	4.4	µg/Kg	1	4/22/2009 01:28 PM
Dibromomethane	ND	1.1	4.4	µg/Kg	1	4/22/2009 01:28 PM
Dichlorodifluoromethane	ND	0.48	4.4	µg/Kg	1	4/22/2009 01:28 PM
Ethylbenzene	ND	0.28	4.4	µg/Kg	1	4/22/2009 01:28 PM
Hexachlorobutadiene	ND	2.0	4.4	µg/Kg	1	4/22/2009 01:28 PM
Isopropylbenzene	ND	0.50	4.4	µg/Kg	1	4/22/2009 01:28 PM
m,p-Xylene	ND	0.61	8.8	µg/Kg	1	4/22/2009 01:28 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/22/2009 01:28 PM
n-Butylbenzene	ND	1.1	4.4	µg/Kg	1	4/22/2009 01:28 PM
n-Propylbenzene	ND	0.60	4.4	µg/Kg	1	4/22/2009 01:28 PM
Naphthalene	ND	2.2	4.4	µg/Kg	1	4/22/2009 01:28 PM
o-Xylene	ND	0.44	4.4	µg/Kg	1	4/22/2009 01:28 PM
sec-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/22/2009 01:28 PM
Styrene	ND	0.53	4.4	µg/Kg	1	4/22/2009 01:28 PM
tert-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/22/2009 01:28 PM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/22/2009 01:28 PM
Toluene	ND	0.50	4.4	µg/Kg	1	4/22/2009 01:28 PM
trans-1,2-Dichloroethene	ND	0.47	4.4	µg/Kg	1	4/22/2009 01:28 PM
Trichloroethene	ND	1.3	4.4	µg/Kg	1	4/22/2009 01:28 PM
Trichlorofluoromethane	ND	0.49	4.4	µg/Kg	1	4/22/2009 01:28 PM
Vinyl chloride	ND	0.37	4.4	µg/Kg	1	4/22/2009 01:28 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/22/2009 01:28 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/22/2009 01:28 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/22/2009 01:28 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/22/2009 01:28 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-027E

Client Sample ID: 1001-111-10-S
Collection Date: 4/20/2009 2:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106			PrepDate: 4/20/2009	Analyst: KHN
GRO	ND	0.12	0.84	mg/Kg	1 4/22/2009 05:14 AM
Surr: Bromofluorobenzene (FID)	119	0	59-145	%REC	1 4/22/2009 05:14 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106			PrepDate: 4/20/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.16	0.84	mg/Kg	1 4/22/2009 05:14 AM
Surr: Bromofluorobenzene (FID)	119	0	59-145	%REC	1 4/22/2009 05:14 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-028A

Client Sample ID: 1001-111-20-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:56 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Barium	120	0.13	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Cobalt	7.7	0.014	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Copper	21	0.26	2.0	mg/Kg	1	4/24/2009 08:56 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Molybdenum	1.9	0.043	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Nickel	12	0.032	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Vanadium	45	0.019	1.0	mg/Kg	1	4/24/2009 08:56 PM	
Zinc	40	0.19	1.0	mg/Kg	1	4/24/2009 08:56 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	58	10	10	mg/Kg	1	4/25/2009 06:07 PM	
Surr: p-Terphenyl	106	0	57-144	%REC	1	4/25/2009 06:07 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	32	10	10	mg/Kg	1	4/25/2009 06:07 PM	
T/R Hydrocarbons: C23-C32	37	10	10	mg/Kg	1	4/25/2009 06:07 PM	
T/R Hydrocarbons:>C32	16	10	10	mg/Kg	1	4/25/2009 06:07 PM	
Surr: p-Terphenyl	106	0	57-144	%REC	1	4/25/2009 06:07 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 08:56 PM
Surr: Decachlorobiphenyl	89.6 0	30-124	%REC 1 4/23/2009 08:56 PM
Surr: Tetrachloro-m-xylene	104 0	40-118	%REC 1 4/23/2009 08:56 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:28 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/24/2009 01:54 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/24/2009 01:54 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/24/2009 01:54 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/24/2009 01:54 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/24/2009 01:54 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/24/2009 01:54 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/24/2009 01:54 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/24/2009 01:54 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/24/2009 01:54 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 01:54 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 01:54 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/24/2009 01:54 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/24/2009 01:54 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/24/2009 01:54 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/24/2009 01:54 PM

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Project: 207126015
Lab ID: 105139-028A

Client Sample ID: 1001-111-20-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/24/2009 01:54 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/24/2009 01:54 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/24/2009 01:54 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/24/2009 01:54 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/24/2009 01:54 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/24/2009 01:54 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/24/2009 01:54 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/24/2009 01:54 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/24/2009 01:54 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/24/2009 01:54 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/24/2009 01:54 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/24/2009 01:54 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/24/2009 01:54 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/24/2009 01:54 PM
Anthracene	ND 76	330	µg/Kg 1 4/24/2009 01:54 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/24/2009 01:54 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/24/2009 01:54 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/24/2009 01:54 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/24/2009 01:54 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/24/2009 01:54 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/24/2009 01:54 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/24/2009 01:54 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/24/2009 01:54 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/24/2009 01:54 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/24/2009 01:54 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/24/2009 01:54 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/24/2009 01:54 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/24/2009 01:54 PM
Chrysene	ND 79	330	µg/Kg 1 4/24/2009 01:54 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/24/2009 01:54 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/24/2009 01:54 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/24/2009 01:54 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/24/2009 01:54 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/24/2009 01:54 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/24/2009 01:54 PM

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ANALYTICAL RESULTS

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Project: 207126015
Lab ID: 105139-028A

Client Sample ID: 1001-111-20-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/24/2009 01:54 PM
Fluorene	ND	69	330	µg/Kg	1	4/24/2009 01:54 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/24/2009 01:54 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/24/2009 01:54 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/24/2009 01:54 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/24/2009 01:54 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/24/2009 01:54 PM
Isophorone	ND	85	330	µg/Kg	1	4/24/2009 01:54 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/24/2009 01:54 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/24/2009 01:54 PM
Naphthalene	ND	86	330	µg/Kg	1	4/24/2009 01:54 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/24/2009 01:54 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/24/2009 01:54 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/24/2009 01:54 PM
Phenol	680	95	330	µg/Kg	1	4/24/2009 01:54 PM
Pyrene	ND	77	330	µg/Kg	1	4/24/2009 01:54 PM
Surr: 1,2-Dichlorobenzene-d4	91.0	0	49-103	%REC	1	4/24/2009 01:54 PM
Surr: 2,4,6-Tribromophenol	94.4	0	47-129	%REC	1	4/24/2009 01:54 PM
Surr: 2-Chlorophenol-d4	95.2	0	54-109	%REC	1	4/24/2009 01:54 PM
Surr: 2-Fluorobiphenyl	103	0	59-108	%REC	1	4/24/2009 01:54 PM
Surr: 2-Fluorophenol	92.8	0	50-111	%REC	1	4/24/2009 01:54 PM
Surr: 4-Terphenyl-d14	131	0	58-135	%REC	1	4/24/2009 01:54 PM
Surr: Nitrobenzene-d5	97.9	0	54-115	%REC	1	4/24/2009 01:54 PM
Surr: Phenol-d5	99.7	0	58-112	%REC	1	4/24/2009 01:54 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	8.0	0.10	0.10	pH Units	1	4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-028B

Client Sample ID: 1001-111-20-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422A	QC Batch:	T09VS104	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.99	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1,1-Trichloroethane	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1,2,2-Tetrachloroethane	ND	3.2	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1,2-Trichloroethane	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1-Dichloroethane	ND	0.63	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1-Dichloroethene	ND	0.47	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,1-Dichloropropene	ND	2.2	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2,3-Trichlorobenzene	ND	3.9	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2,3-Trichloropropane	ND	2.4	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2,4-Trichlorobenzene	ND	2.4	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2,4-Trimethylbenzene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2-Dibromo-3-chloropropane	ND	3.3	10	µg/Kg	1	4/22/2009 01:48 PM	
1,2-Dibromoethane	ND	1.0	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2-Dichlorobenzene	ND	2.2	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2-Dichloroethane	ND	1.9	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,2-Dichloropropane	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,3,5-Trimethylbenzene	ND	0.81	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,3-Dichlorobenzene	ND	1.7	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,3-Dichloropropane	ND	0.33	5.2	µg/Kg	1	4/22/2009 01:48 PM	
1,4-Dichlorobenzene	ND	1.9	5.2	µg/Kg	1	4/22/2009 01:48 PM	
2,2-Dichloropropane	ND	0.50	5.2	µg/Kg	1	4/22/2009 01:48 PM	
2-Chlorotoluene	ND	0.92	5.2	µg/Kg	1	4/22/2009 01:48 PM	
4-Chlorotoluene	ND	1.2	5.2	µg/Kg	1	4/22/2009 01:48 PM	
4-Isopropyltoluene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Benzene	ND	0.66	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Bromobenzene	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Bromodichloromethane	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Bromoform	ND	2.0	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Bromomethane	ND	0.70	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Carbon tetrachloride	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Chlorobenzene	ND	0.67	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Chloroethane	ND	0.90	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Chloroform	ND	1.5	5.2	µg/Kg	1	4/22/2009 01:48 PM	
Chloromethane	ND	0.39	5.2	µg/Kg	1	4/22/2009 01:48 PM	
cis-1,2-Dichloroethene	ND	1.9	5.2	µg/Kg	1	4/22/2009 01:48 PM	

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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.78	5.2	µg/Kg	1	4/22/2009 01:48 PM
Dibromochloromethane	ND	0.75	5.2	µg/Kg	1	4/22/2009 01:48 PM
Dibromomethane	ND	1.2	5.2	µg/Kg	1	4/22/2009 01:48 PM
Dichlorodifluoromethane	ND	0.56	5.2	µg/Kg	1	4/22/2009 01:48 PM
Ethylbenzene	ND	0.33	5.2	µg/Kg	1	4/22/2009 01:48 PM
Hexachlorobutadiene	ND	2.3	5.2	µg/Kg	1	4/22/2009 01:48 PM
Isopropylbenzene	ND	0.59	5.2	µg/Kg	1	4/22/2009 01:48 PM
m,p-Xylene	ND	0.71	10	µg/Kg	1	4/22/2009 01:48 PM
Methylene chloride	ND	5.2	5.2	µg/Kg	1	4/22/2009 01:48 PM
n-Butylbenzene	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:48 PM
n-Propylbenzene	ND	0.70	5.2	µg/Kg	1	4/22/2009 01:48 PM
Naphthalene	ND	2.6	5.2	µg/Kg	1	4/22/2009 01:48 PM
o-Xylene	ND	0.52	5.2	µg/Kg	1	4/22/2009 01:48 PM
sec-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:48 PM
Styrene	ND	0.62	5.2	µg/Kg	1	4/22/2009 01:48 PM
tert-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:48 PM
Tetrachloroethene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:48 PM
Toluene	ND	0.58	5.2	µg/Kg	1	4/22/2009 01:48 PM
trans-1,2-Dichloroethene	ND	0.55	5.2	µg/Kg	1	4/22/2009 01:48 PM
Trichloroethene	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:48 PM
Trichlorofluoromethane	ND	0.57	5.2	µg/Kg	1	4/22/2009 01:48 PM
Vinyl chloride	ND	0.43	5.2	µg/Kg	1	4/22/2009 01:48 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/22/2009 01:48 PM
Surr: 4-Bromofluorobenzene	98.1	0	67-127	%REC	1	4/22/2009 01:48 PM
Surr: Dibromofluoromethane	109	0	72-141	%REC	1	4/22/2009 01:48 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/22/2009 01:48 PM

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S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.15	1.0	mg/Kg	1	4/22/2009 05:29 AM
Surr: Bromofluorobenzene (FID)	103 0	59-145	%REC	1	4/22/2009 05:29 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg	1	4/22/2009 05:29 AM
Surr: Bromofluorobenzene (FID)	103 0	59-145	%REC	1	4/22/2009 05:29 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-029A

Client Sample ID: 1001-111-20D-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 08:59 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Barium	120	0.13	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Chromium	16	0.088	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Cobalt	7.3	0.014	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Copper	23	0.26	2.0	mg/Kg	1	4/24/2009 08:59 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Nickel	11	0.032	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Vanadium	47	0.019	1.0	mg/Kg	1	4/24/2009 08:59 PM	
Zinc	40	0.19	1.0	mg/Kg	1	4/24/2009 08:59 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
DRO	44	10	10	mg/Kg	1	4/25/2009 06:16 PM	
Surr: p-Terphenyl	97.2	0	57-144	%REC	1	4/25/2009 06:16 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423A	QC Batch:	54880	PrepDate:	4/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	23	10	10	mg/Kg	1	4/25/2009 06:16 PM	
T/R Hydrocarbons: C23-C32	24	10	10	mg/Kg	1	4/25/2009 06:16 PM	
T/R Hydrocarbons:>C32	14	10	10	mg/Kg	1	4/25/2009 06:16 PM	
Surr: p-Terphenyl	97.2	0	57-144	%REC	1	4/25/2009 06:16 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 09:26 PM
Surr: Decachlorobiphenyl	92.6 0	30-124	%REC 1 4/23/2009 09:26 PM
Surr: Tetrachloro-m-xylene	111 0	40-118	%REC 1 4/23/2009 09:26 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:30 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/24/2009 02:21 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/24/2009 02:21 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/24/2009 02:21 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/24/2009 02:21 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/24/2009 02:21 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/24/2009 02:21 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/24/2009 02:21 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/24/2009 02:21 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/24/2009 02:21 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 02:21 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 02:21 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/24/2009 02:21 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/24/2009 02:21 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/24/2009 02:21 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/24/2009 02:21 PM

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Project: 207126015
Lab ID: 105139-029A

Client Sample ID: 1001-111-20D-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/24/2009 02:21 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/24/2009 02:21 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/24/2009 02:21 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 02:21 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/24/2009 02:21 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/24/2009 02:21 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/24/2009 02:21 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/24/2009 02:21 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/24/2009 02:21 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/24/2009 02:21 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 02:21 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/24/2009 02:21 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/24/2009 02:21 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/24/2009 02:21 PM
Anthracene	ND	76	330	µg/Kg	1	4/24/2009 02:21 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/24/2009 02:21 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/24/2009 02:21 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/24/2009 02:21 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/24/2009 02:21 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/24/2009 02:21 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/24/2009 02:21 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/24/2009 02:21 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/24/2009 02:21 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/24/2009 02:21 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/24/2009 02:21 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/24/2009 02:21 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/24/2009 02:21 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/24/2009 02:21 PM
Chrysene	ND	79	330	µg/Kg	1	4/24/2009 02:21 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/24/2009 02:21 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/24/2009 02:21 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/24/2009 02:21 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/24/2009 02:21 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/24/2009 02:21 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/24/2009 02:21 PM

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ANALYTICAL RESULTS

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Lab Order: 105139
Project: 207126015
Lab ID: 105139-029A

Client Sample ID: 1001-111-20D-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/24/2009 02:21 PM
Fluorene	ND	69	330	µg/Kg	1 4/24/2009 02:21 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/24/2009 02:21 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/24/2009 02:21 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/24/2009 02:21 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/24/2009 02:21 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/24/2009 02:21 PM
Isophorone	ND	85	330	µg/Kg	1 4/24/2009 02:21 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/24/2009 02:21 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/24/2009 02:21 PM
Naphthalene	ND	86	330	µg/Kg	1 4/24/2009 02:21 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/24/2009 02:21 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/24/2009 02:21 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/24/2009 02:21 PM
Phenol	ND	95	330	µg/Kg	1 4/24/2009 02:21 PM
Pyrene	ND	77	330	µg/Kg	1 4/24/2009 02:21 PM
Surr: 1,2-Dichlorobenzene-d4	88.0	0	49-103	%REC	1 4/24/2009 02:21 PM
Surr: 2,4,6-Tribromophenol	86.5	0	47-129	%REC	1 4/24/2009 02:21 PM
Surr: 2-Chlorophenol-d4	92.5	0	54-109	%REC	1 4/24/2009 02:21 PM
Surr: 2-Fluorobiphenyl	101	0	59-108	%REC	1 4/24/2009 02:21 PM
Surr: 2-Fluorophenol	91.2	0	50-111	%REC	1 4/24/2009 02:21 PM
Surr: 4-Terphenyl-d14	130	0	58-135	%REC	1 4/24/2009 02:21 PM
Surr: Nitrobenzene-d5	95.4	0	54-115	%REC	1 4/24/2009 02:21 PM
Surr: Phenol-d5	95.6	0	58-112	%REC	1 4/24/2009 02:21 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342			PrepDate:	Analyst: DDL
pH	8.0	0.10	0.10	pH Units	1 4/21/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-029B

Client Sample ID: 1001-111-20D-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.0	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1,1-Trichloroethane	ND 1.4	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1,2,2-Tetrachloroethane	ND 3.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1,2-Trichloroethane	ND 1.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1-Dichloroethane	ND 0.65	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1-Dichloroethene	ND 0.48	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,1-Dichloropropene	ND 2.2	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2,3-Trichlorobenzene	ND 4.0	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2,3-Trichloropropane	ND 2.4	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2,4-Trichlorobenzene	ND 2.5	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2,4-Trimethylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2-Dibromo-3-chloropropane	ND 3.3	11	µg/Kg 1 4/22/2009 02:07 PM
1,2-Dibromoethane	ND 1.0	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2-Dichlorobenzene	ND 2.2	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2-Dichloroethane	ND 2.0	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,2-Dichloropropane	ND 1.6	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,3,5-Trimethylbenzene	ND 0.83	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,3-Dichlorobenzene	ND 1.8	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,3-Dichloropropane	ND 0.34	5.3	µg/Kg 1 4/22/2009 02:07 PM
1,4-Dichlorobenzene	ND 1.9	5.3	µg/Kg 1 4/22/2009 02:07 PM
2,2-Dichloropropane	ND 0.51	5.3	µg/Kg 1 4/22/2009 02:07 PM
2-Chlorotoluene	ND 0.94	5.3	µg/Kg 1 4/22/2009 02:07 PM
4-Chlorotoluene	ND 1.2	5.3	µg/Kg 1 4/22/2009 02:07 PM
4-Isopropyltoluene	ND 1.2	5.3	µg/Kg 1 4/22/2009 02:07 PM
Benzene	ND 0.68	5.3	µg/Kg 1 4/22/2009 02:07 PM
Bromobenzene	ND 1.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
Bromodichloromethane	ND 1.4	5.3	µg/Kg 1 4/22/2009 02:07 PM
Bromoform	ND 2.1	5.3	µg/Kg 1 4/22/2009 02:07 PM
Bromomethane	ND 0.72	5.3	µg/Kg 1 4/22/2009 02:07 PM
Carbon tetrachloride	ND 1.5	5.3	µg/Kg 1 4/22/2009 02:07 PM
Chlorobenzene	ND 0.69	5.3	µg/Kg 1 4/22/2009 02:07 PM
Chloroethane	ND 0.92	5.3	µg/Kg 1 4/22/2009 02:07 PM
Chloroform	ND 1.6	5.3	µg/Kg 1 4/22/2009 02:07 PM
Chloromethane	ND 0.40	5.3	µg/Kg 1 4/22/2009 02:07 PM
cis-1,2-Dichloroethene	ND 1.9	5.3	µg/Kg 1 4/22/2009 02:07 PM

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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.79	5.3	µg/Kg 1 4/22/2009 02:07 PM
Dibromochloromethane	ND 0.76	5.3	µg/Kg 1 4/22/2009 02:07 PM
Dibromomethane	ND 1.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
Dichlorodifluoromethane	ND 0.57	5.3	µg/Kg 1 4/22/2009 02:07 PM
Ethylbenzene	ND 0.34	5.3	µg/Kg 1 4/22/2009 02:07 PM
Hexachlorobutadiene	ND 2.4	5.3	µg/Kg 1 4/22/2009 02:07 PM
Isopropylbenzene	ND 0.60	5.3	µg/Kg 1 4/22/2009 02:07 PM
m,p-Xylene	ND 0.73	11	µg/Kg 1 4/22/2009 02:07 PM
Methylene chloride	ND 5.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
n-Butylbenzene	ND 1.3	5.3	µg/Kg 1 4/22/2009 02:07 PM
n-Propylbenzene	ND 0.72	5.3	µg/Kg 1 4/22/2009 02:07 PM
Naphthalene	ND 2.7	5.3	µg/Kg 1 4/22/2009 02:07 PM
o-Xylene	ND 0.53	5.3	µg/Kg 1 4/22/2009 02:07 PM
sec-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 02:07 PM
Styrene	ND 0.64	5.3	µg/Kg 1 4/22/2009 02:07 PM
tert-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 02:07 PM
Tetrachloroethene	ND 1.1	5.3	µg/Kg 1 4/22/2009 02:07 PM
Toluene	ND 0.59	5.3	µg/Kg 1 4/22/2009 02:07 PM
trans-1,2-Dichloroethene	ND 0.56	5.3	µg/Kg 1 4/22/2009 02:07 PM
Trichloroethene	ND 1.6	5.3	µg/Kg 1 4/22/2009 02:07 PM
Trichlorofluoromethane	ND 0.58	5.3	µg/Kg 1 4/22/2009 02:07 PM
Vinyl chloride	ND 0.44	5.3	µg/Kg 1 4/22/2009 02:07 PM
Surr: 1,2-Dichloroethane-d4	112 0	68-147	%REC 1 4/22/2009 02:07 PM
Surr: 4-Bromofluorobenzene	101 0	67-127	%REC 1 4/22/2009 02:07 PM
Surr: Dibromofluoromethane	114 0	72-141	%REC 1 4/22/2009 02:07 PM
Surr: Toluene-d8	120 0	75-120	%REC 1 4/22/2009 02:07 PM

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Client Sample ID: 1001-111-20D-S
Collection Date: 4/20/2009 2:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.15	1.0	mg/Kg	1	4/22/2009 05:45 AM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 05:45 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg	1	4/22/2009 05:45 AM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 05:45 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030A

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM

EPA 7196A

RunID: WETCHEM3_090421B	QC Batch: R108480			PrepDate: 4/21/2009		Analyst: MFP
Chromium, Hexavalent	ND	0.0086	0.010	mg/L	1	4/21/2009

PH

SM4500-H+B

RunID: PH4_090420A	QC Batch: R108439			PrepDate:		Analyst: FD
pH	6.5	0.10	0.10	H pH Units	1	4/20/2009

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030B

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3010A

EPA 6010B

RunID:	QC Batch:	54886	PrepDate:	4/21/2009	Analyst:	CL
Antimony	ND	0.0042	0.0050	mg/L	1	4/23/2009 05:42 PM
Arsenic	ND	0.0037	0.010	mg/L	1	4/23/2009 05:42 PM
Barium	0.0052	0.0010	0.0030	mg/L	1	4/23/2009 05:42 PM
Beryllium	ND	0.00086	0.0030	mg/L	1	4/23/2009 05:42 PM
Cadmium	ND	0.00072	0.0030	mg/L	1	4/23/2009 05:42 PM
Chromium	ND	0.00068	0.0030	mg/L	1	4/23/2009 05:42 PM
Cobalt	ND	0.00076	0.0030	mg/L	1	4/23/2009 05:42 PM
Copper	ND	0.0039	0.0050	mg/L	1	4/23/2009 05:42 PM
Lead	ND	0.0046	0.0050	mg/L	1	4/23/2009 05:42 PM
Molybdenum	0.022	0.0015	0.0050	mg/L	1	4/23/2009 05:42 PM
Nickel	ND	0.0010	0.0050	mg/L	1	4/23/2009 05:42 PM
Selenium	ND	0.0054	0.010	mg/L	1	4/23/2009 05:42 PM
Silver	ND	0.0010	0.0030	mg/L	1	4/24/2009 03:26 PM
Thallium	ND	0.0036	0.015	mg/L	1	4/23/2009 05:42 PM
Vanadium	ND	0.00049	0.0030	mg/L	1	4/23/2009 05:42 PM
Zinc	0.018	0.0023	0.010	mg/L	1	4/23/2009 05:42 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7470A

RunID:	QC Batch:	54884	PrepDate:	4/21/2009	Analyst:	RQ
Mercury	ND	0.046	0.20	µg/L	1	4/22/2009 11:38 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030C

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3510C

EPA 8082

RunID: GC4_090423A	QC Batch: 54927	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1221	ND 0.20	1.0	µg/L 1 4/23/2009 12:30 PM
Aroclor 1232	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1242	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1248	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1254	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1260	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1262	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Aroclor 1268	ND 0.20	0.50	µg/L 1 4/23/2009 12:30 PM
Surr: Decachlorobiphenyl	51.7 0	29-130	%REC 1 4/23/2009 12:30 PM
Surr: Tetrachloro-m-xylene	94.9 0	48-126	%REC 1 4/23/2009 12:30 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030D

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DIESEL RANGE ORGANICS BY GC/FID

EPA 3510C

EPA 8015B(M)

RunID: GC16_090423C	QC Batch: 54952			PrepDate: 4/23/2009		Analyst: CBR
DRO	ND	0.20	0.20	mg/L	1	4/23/2009 06:14 PM
Surr: p-Terphenyl	64.6	0	35-131	%REC	1	4/23/2009 06:14 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 3510C

EPA 8015B(M)

RunID: GC16_090423C	QC Batch: 54952			PrepDate: 4/23/2009		Analyst: CBR
T/R Hydrocarbons: C13-C22	ND	0.20	0.20	mg/L	1	4/23/2009 06:14 PM
T/R Hydrocarbons: C23-C32	ND	0.20	0.20	mg/L	1	4/23/2009 06:14 PM
T/R Hydrocarbons:>C32	ND	0.20	0.20	mg/L	1	4/23/2009 06:14 PM
Surr: p-Terphenyl	64.6	0	35-131	%REC	1	4/23/2009 06:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030E

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID: MS6_090427A	QC Batch: 54957	PrepDate: 4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
1,2-Dichlorobenzene	ND 2.2	10	µg/L 1 4/27/2009 06:00 PM
1,3-Dichlorobenzene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
1,4-Dichlorobenzene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
2,4,5-Trichlorophenol	ND 2.6	10	µg/L 1 4/27/2009 06:00 PM
2,4,6-Trichlorophenol	ND 2.0	10	µg/L 1 4/27/2009 06:00 PM
2,4-Dichlorophenol	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
2,4-Dimethylphenol	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
2,4-Dinitrophenol	ND 1.6	50	µg/L 1 4/27/2009 06:00 PM
2,4-Dinitrotoluene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
2,6-Dinitrotoluene	ND 2.8	10	µg/L 1 4/27/2009 06:00 PM
2-Chloronaphthalene	ND 2.2	10	µg/L 1 4/27/2009 06:00 PM
2-Chlorophenol	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
2-Methylnaphthalene	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
2-Methylphenol	ND 2.8	10	µg/L 1 4/27/2009 06:00 PM
2-Nitroaniline	ND 2.0	50	µg/L 1 4/27/2009 06:00 PM
2-Nitrophenol	ND 2.9	10	µg/L 1 4/27/2009 06:00 PM
3,3'-Dichlorobenzidine	ND 2.0	20	µg/L 1 4/27/2009 06:00 PM
3-Nitroaniline	ND 1.9	50	µg/L 1 4/27/2009 06:00 PM
4,6-Dinitro-2-methylphenol	ND 2.3	50	µg/L 1 4/27/2009 06:00 PM
4-Bromophenyl-phenylether	ND 2.0	10	µg/L 1 4/27/2009 06:00 PM
4-Chloro-3-methylphenol	ND 2.9	50	µg/L 1 4/27/2009 06:00 PM
4-Chloroaniline	ND 2.2	20	µg/L 1 4/27/2009 06:00 PM
4-Chlorophenyl-phenylether	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
4-Methylphenol	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
4-Nitroaniline	ND 2.2	20	µg/L 1 4/27/2009 06:00 PM
4-Nitrophenol	ND 1.2	50	µg/L 1 4/27/2009 06:00 PM
Acenaphthene	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
Acenaphthylene	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Anthracene	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
Benzidine (M)	ND 2.0	50	µg/L 1 4/27/2009 06:00 PM
Benzo(a)anthracene	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
Benzo(a)pyrene	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Benzo(b)fluoranthene	ND 3.3	10	µg/L 1 4/27/2009 06:00 PM
Benzo(g,h,i)perylene	ND 1.9	10	µg/L 1 4/27/2009 06:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030E

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses Result MDL PQL Qual Units DF Date Analyzed

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID: MS6_090427A	QC Batch: 54957	PrepDate: 4/23/2009	Analyst: DMP
Benzo(k)fluoranthene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
Benzoic acid	ND 1.5	50	µg/L 1 4/27/2009 06:00 PM
Benzyl alcohol	ND 2.1	20	µg/L 1 4/27/2009 06:00 PM
Bis(2-chloroethoxy)methane	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Bis(2-chloroethyl)ether	ND 2.6	10	µg/L 1 4/27/2009 06:00 PM
Bis(2-chloroisopropyl)ether	ND 2.7	10	µg/L 1 4/27/2009 06:00 PM
Bis(2-ethylhexyl)phthalate	ND 2.8	10	µg/L 1 4/27/2009 06:00 PM
Butylbenzylphthalate	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
Chrysene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
Di-n-butylphthalate	ND 2.8	10	µg/L 1 4/27/2009 06:00 PM
Di-n-octylphthalate	ND 2.9	10	µg/L 1 4/27/2009 06:00 PM
Dibenz(a,h)anthracene	ND 1.7	10	µg/L 1 4/27/2009 06:00 PM
Dibenzofuran	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Diethylphthalate	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
Dimethylphthalate	ND 1.9	10	µg/L 1 4/27/2009 06:00 PM
Fluoranthene	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
Fluorene	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
Hexachlorobenzene	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
Hexachlorobutadiene	ND 2.6	20	µg/L 1 4/27/2009 06:00 PM
Hexachlorocyclopentadiene	ND 2.2	10	µg/L 1 4/27/2009 06:00 PM
Hexachloroethane	ND 2.3	10	µg/L 1 4/27/2009 06:00 PM
Indeno(1,2,3-cd)pyrene	ND 1.9	10	µg/L 1 4/27/2009 06:00 PM
Isophorone	ND 2.9	10	µg/L 1 4/27/2009 06:00 PM
N-Nitrosodi-n-propylamine	ND 3.4	10	µg/L 1 4/27/2009 06:00 PM
N-Nitrosodiphenylamine	ND 2.1	10	µg/L 1 4/27/2009 06:00 PM
Naphthalene	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Nitrobenzene	ND 2.6	10	µg/L 1 4/27/2009 06:00 PM
Pentachlorophenol	ND 1.8	50	µg/L 1 4/27/2009 06:00 PM
Phenanthrene	ND 2.4	10	µg/L 1 4/27/2009 06:00 PM
Phenol	ND 1.4	10	µg/L 1 4/27/2009 06:00 PM
Pyrene	ND 2.5	10	µg/L 1 4/27/2009 06:00 PM
Surr: 1,2-Dichlorobenzene-d4	73.3 0	42-98	%REC 1 4/27/2009 06:00 PM
Surr: 2,4,6-Tribromophenol	90.0 0	60-128	%REC 1 4/27/2009 06:00 PM
Surr: 2-Chlorophenol-d4	69.4 0	43-102	%REC 1 4/27/2009 06:00 PM
Surr: 2-Fluorobiphenyl	84.1 0	50-108	%REC 1 4/27/2009 06:00 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030F

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/22/2009 11:05 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/22/2009 11:05 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/22/2009 11:05 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/22/2009 11:05 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 11:05 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 11:05 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 11:05 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/22/2009 11:05 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 11:05 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/22/2009 11:05 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/22/2009 11:05 AM
Benzene	ND 2.6	5.0	µg/L 1 4/22/2009 11:05 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 11:05 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/22/2009 11:05 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/22/2009 11:05 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/22/2009 11:05 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/22/2009 11:05 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/22/2009 11:05 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/22/2009 11:05 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030F

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL			
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/22/2009 11:05 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/22/2009 11:05 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/22/2009 11:05 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 11:05 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/22/2009 11:05 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/22/2009 11:05 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/22/2009 11:05 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/22/2009 11:05 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/22/2009 11:05 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 11:05 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 11:05 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/22/2009 11:05 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/22/2009 11:05 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 11:05 AM
Styrene	ND	2.5	5.0	µg/L	1	4/22/2009 11:05 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 11:05 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/22/2009 11:05 AM
Toluene	ND	2.6	5.0	µg/L	1	4/22/2009 11:05 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/22/2009 11:05 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/22/2009 11:05 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 11:05 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/22/2009 11:05 AM
Surr: 1,2-Dichloroethane-d4	98.1	0	70-130	%REC	1	4/22/2009 11:05 AM
Surr: 4-Bromofluorobenzene	113	0	70-130	%REC	1	4/22/2009 11:05 AM
Surr: Dibromofluoromethane	107	0	70-130	%REC	1	4/22/2009 11:05 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-030G

Client Sample ID: ERB-1
Collection Date: 4/20/2009 3:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC1_090423A	QC Batch: D09VW067			PrepDate:		Analyst: BD
GRO	ND	0.050	0.20	mg/L	1	4/23/2009 06:46 PM
Surr: Bromofluorobenzene (FID)	100	0	71-130	%REC	1	4/23/2009 06:46 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC1_090423A	QC Batch: D09VW067			PrepDate:		Analyst: BD
T/R Hydrocarbons: C4-C12	ND	0.050	0.20	mg/L	1	4/23/2009 06:46 PM
Surr: Bromofluorobenzene (FID)	100	0	71-130	%REC	1	4/23/2009 06:46 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-031A

Client Sample ID: TRIP Blank
Collection Date: 4/20/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/22/2009 10:00 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/22/2009 10:00 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/22/2009 10:00 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/22/2009 10:00 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:00 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 10:00 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:00 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/22/2009 10:00 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:00 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/22/2009 10:00 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/22/2009 10:00 AM
Benzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:00 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 10:00 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/22/2009 10:00 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/22/2009 10:00 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/22/2009 10:00 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/22/2009 10:00 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/22/2009 10:00 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/22/2009 10:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-031A

Client Sample ID: TRIP Blank
Collection Date: 4/20/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL			
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/22/2009 10:00 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/22/2009 10:00 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/22/2009 10:00 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 10:00 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/22/2009 10:00 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/22/2009 10:00 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/22/2009 10:00 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/22/2009 10:00 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/22/2009 10:00 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 10:00 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 10:00 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/22/2009 10:00 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/22/2009 10:00 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 10:00 AM
Styrene	ND	2.5	5.0	µg/L	1	4/22/2009 10:00 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 10:00 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/22/2009 10:00 AM
Toluene	ND	2.6	5.0	µg/L	1	4/22/2009 10:00 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/22/2009 10:00 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/22/2009 10:00 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 10:00 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/22/2009 10:00 AM
Surr: 1,2-Dichloroethane-d4	89.2	0	70-130	%REC	1	4/22/2009 10:00 AM
Surr: 4-Bromofluorobenzene	110	0	70-130	%REC	1	4/22/2009 10:00 AM
Surr: Dibromofluoromethane	99.1	0	70-130	%REC	1	4/22/2009 10:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032A

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424I	QC Batch:	54943	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 09:02 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Chromium	19	0.088	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Cobalt	8.3	0.014	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Copper	21	0.26	2.0	mg/Kg	1	4/24/2009 09:02 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Nickel	14	0.032	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Vanadium	47	0.019	1.0	mg/Kg	1	4/24/2009 09:02 PM	
Zinc	47	0.19	1.0	mg/Kg	1	4/24/2009 09:02 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090424D	QC Batch:	54997	PrepDate:	4/23/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/24/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_090430A	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
Surr: p-Terphenyl	110	0	57-144	%REC	1	4/30/2009 01:25 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_090430A	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
Surr: p-Terphenyl	110	0	57-144	%REC	1	4/30/2009 01:25 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032A

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC4_090423C	QC Batch: 54930	PrepDate: 4/22/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 04:58 PM
Surr: Decachlorobiphenyl	88.5 0	30-124	%REC 1 4/23/2009 04:58 PM
Surr: Tetrachloro-m-xylene	106 0	40-118	%REC 1 4/23/2009 04:58 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090422E	QC Batch: 54902	PrepDate: 4/22/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/22/2009 04:06 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 04:10 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 04:10 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 04:10 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 04:10 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 04:10 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 04:10 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 04:10 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 04:10 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 04:10 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 04:10 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 04:10 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 04:10 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 04:10 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 04:10 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 04:10 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032A

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 04:10 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 04:10 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 04:10 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 04:10 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 04:10 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 04:10 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 04:10 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 04:10 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 04:10 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 04:10 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 04:10 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 04:10 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 04:10 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 04:10 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 04:10 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 04:10 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 04:10 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 04:10 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 04:10 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 04:10 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 04:10 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 04:10 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 04:10 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 04:10 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 04:10 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 04:10 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 04:10 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 04:10 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 04:10 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 04:10 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 04:10 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 04:10 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 04:10 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 04:10 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 04:10 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032A

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 04:10 PM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 04:10 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 04:10 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 04:10 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 04:10 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 04:10 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 04:10 PM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 04:10 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 04:10 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 04:10 PM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 04:10 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 04:10 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 04:10 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 04:10 PM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 04:10 PM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 04:10 PM
Surr: 1,2-Dichlorobenzene-d4	82.7	0	49-103	%REC	1	4/23/2009 04:10 PM
Surr: 2,4,6-Tribromophenol	91.4	0	47-129	%REC	1	4/23/2009 04:10 PM
Surr: 2-Chlorophenol-d4	90.8	0	54-109	%REC	1	4/23/2009 04:10 PM
Surr: 2-Fluorobiphenyl	95.1	0	59-108	%REC	1	4/23/2009 04:10 PM
Surr: 2-Fluorophenol	90.1	0	50-111	%REC	1	4/23/2009 04:10 PM
Surr: 4-Terphenyl-d14	123	0	58-135	%REC	1	4/23/2009 04:10 PM
Surr: Nitrobenzene-d5	90.3	0	54-115	%REC	1	4/23/2009 04:10 PM
Surr: Phenol-d5	94.0	0	58-112	%REC	1	4/23/2009 04:10 PM

PH

EPA 9045C

RunID: WETCHEM_090421D	QC Batch: R108342	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/21/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032B

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422A	QC Batch:	T09VS104	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	0.87	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1,1-Trichloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1,2,2-Tetrachloroethane	ND	2.8	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1,2-Trichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1-Dichloroethane	ND	0.56	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1-Dichloroethene	ND	0.41	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,1-Dichloropropene	ND	1.9	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2,3-Trichlorobenzene	ND	3.4	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2,3-Trichloropropane	ND	2.1	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2,4-Trichlorobenzene	ND	2.1	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2,4-Trimethylbenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2-Dibromo-3-chloropropane	ND	2.9	9.1	µg/Kg	1	4/22/2009 02:27 PM	
1,2-Dibromoethane	ND	0.88	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2-Dichlorobenzene	ND	1.9	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2-Dichloroethane	ND	1.7	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,3,5-Trimethylbenzene	ND	0.71	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,3-Dichlorobenzene	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,3-Dichloropropane	ND	0.29	4.6	µg/Kg	1	4/22/2009 02:27 PM	
1,4-Dichlorobenzene	ND	1.6	4.6	µg/Kg	1	4/22/2009 02:27 PM	
2,2-Dichloropropane	ND	0.44	4.6	µg/Kg	1	4/22/2009 02:27 PM	
2-Chlorotoluene	ND	0.81	4.6	µg/Kg	1	4/22/2009 02:27 PM	
4-Chlorotoluene	ND	1.0	4.6	µg/Kg	1	4/22/2009 02:27 PM	
4-Isopropyltoluene	ND	1.0	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Benzene	ND	0.58	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Bromobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Bromodichloromethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Bromoform	ND	1.8	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Bromomethane	ND	0.62	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Carbon tetrachloride	ND	1.3	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Chlorobenzene	ND	0.59	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Chloroethane	ND	0.79	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Chloroform	ND	1.3	4.6	µg/Kg	1	4/22/2009 02:27 PM	
Chloromethane	ND	0.35	4.6	µg/Kg	1	4/22/2009 02:27 PM	
cis-1,2-Dichloroethene	ND	1.6	4.6	µg/Kg	1	4/22/2009 02:27 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032B

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422A	QC Batch: T09VS104	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.68	4.6	µg/Kg	1	4/22/2009 02:27 PM
Dibromochloromethane	ND	0.66	4.6	µg/Kg	1	4/22/2009 02:27 PM
Dibromomethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:27 PM
Dichlorodifluoromethane	ND	0.49	4.6	µg/Kg	1	4/22/2009 02:27 PM
Ethylbenzene	ND	0.29	4.6	µg/Kg	1	4/22/2009 02:27 PM
Hexachlorobutadiene	ND	2.0	4.6	µg/Kg	1	4/22/2009 02:27 PM
Isopropylbenzene	ND	0.52	4.6	µg/Kg	1	4/22/2009 02:27 PM
m,p-Xylene	ND	0.63	9.1	µg/Kg	1	4/22/2009 02:27 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/22/2009 02:27 PM
n-Butylbenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:27 PM
n-Propylbenzene	ND	0.62	4.6	µg/Kg	1	4/22/2009 02:27 PM
Naphthalene	ND	2.3	4.6	µg/Kg	1	4/22/2009 02:27 PM
o-Xylene	ND	0.46	4.6	µg/Kg	1	4/22/2009 02:27 PM
sec-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 02:27 PM
Styrene	ND	0.55	4.6	µg/Kg	1	4/22/2009 02:27 PM
tert-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 02:27 PM
Tetrachloroethene	ND	0.96	4.6	µg/Kg	1	4/22/2009 02:27 PM
Toluene	ND	0.51	4.6	µg/Kg	1	4/22/2009 02:27 PM
trans-1,2-Dichloroethene	ND	0.48	4.6	µg/Kg	1	4/22/2009 02:27 PM
Trichloroethene	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:27 PM
Trichlorofluoromethane	ND	0.50	4.6	µg/Kg	1	4/22/2009 02:27 PM
Vinyl chloride	ND	0.38	4.6	µg/Kg	1	4/22/2009 02:27 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/22/2009 02:27 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/22/2009 02:27 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/22/2009 02:27 PM
Surr: Toluene-d8	116	0	75-120	%REC	1	4/22/2009 02:27 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-032E

Client Sample ID: 1001-104-20-S
Collection Date: 4/20/2009 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
GRO	ND 0.13	0.90	mg/Kg	1	4/22/2009 06:00 AM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 06:00 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090421C	QC Batch: E09VS106	PrepDate: 4/20/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.90	mg/Kg	1	4/22/2009 06:00 AM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 06:00 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 150.1_4500H+B_W

Sample ID: 104986-013ADUP	SampType: DUP	TestCode: 150.1_4500H	Units: pH Units	Prep Date:	RunNo: 108439						
Client ID: ZZZZZ	Batch ID: R108439	TestNo: SM4500-H+B	Analysis Date: 4/20/2009	SeqNo: 1701388							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	5.340	0.10						5.350	0.187	10	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

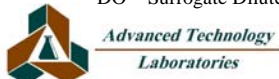
TestCode: 6010_S

Sample ID: MB-54941	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108529						
Client ID: PBS	Batch ID: 54941	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009	SeqNo: 1703138						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	0.345	1.0									

Sample ID: LCS-54941	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108529						
Client ID: LCSS	Batch ID: 54941	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009	SeqNo: 1703139						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	57.355	2.0	50.00	0	115	80	120				
Arsenic	56.706	1.0	50.00	0	113	80	120				
Barium	56.516	1.0	50.00	0	113	80	120				
Beryllium	55.885	1.0	50.00	0	112	80	120				
Cadmium	57.877	1.0	50.00	0	116	80	120				
Chromium	51.452	1.0	50.00	0	103	80	120				
Cobalt	57.600	1.0	50.00	0	115	80	120				
Copper	55.422	2.0	50.00	0	111	80	120				
Lead	56.515	1.0	50.00	0	113	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

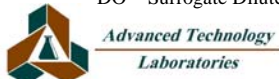
TestCode: 6010_S

Sample ID: LCS-54941	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108529						
Client ID: LCSS	Batch ID: 54941	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703139						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	56.283	1.0	50.00	0	113	80	120				
Nickel	55.672	1.0	50.00	0	111	80	120				
Selenium	56.721	1.0	50.00	0	113	80	120				
Silver	55.458	1.0	50.00	0	111	80	120				
Thallium	50.063	1.0	50.00	0	100	80	120				
Vanadium	56.044	1.0	50.00	0	112	80	120				
Zinc	57.757	1.0	50.00	0.3448	115	80	120				

Sample ID: 105139-010ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108529						
Client ID: 1001-112-5-S	Batch ID: 54941	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703150						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Arsenic	ND	1.0						0.3171	0	20	
Barium	110.098	1.0						117.8	6.77	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	0.303	1.0						0.3654	0	20	
Chromium	12.927	1.0						16.07	21.7	20	R
Cobalt	5.296	1.0						6.748	24.1	20	R
Copper	12.721	2.0						16.34	24.9	20	R
Lead	0.243	1.0						0.4423	0	20	
Molybdenum	ND	1.0						0	0	20	
Nickel	9.142	1.0						11.56	23.4	20	R
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	34.842	1.0						42.87	20.7	20	R
Zinc	29.959	1.0						37.78	23.1	20	R

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

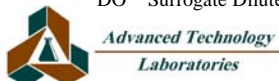
TestCode: 6010_S

Sample ID: 105139-010AMS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108529	
Client ID: 1001-112-5-S		Batch ID: 54941		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009		SeqNo: 1703151			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	81.655	2.0	125.0	0	65.3	25	106				
Arsenic	95.133	1.0	125.0	0.3171	75.9	42	113				
Barium	209.839	1.0	125.0	117.8	73.6	19	140				
Beryllium	99.342	1.0	125.0	0	79.5	50	109				
Cadmium	97.044	1.0	125.0	0.3654	77.3	48	106				
Chromium	106.133	1.0	125.0	16.07	72.1	44	116				
Cobalt	105.905	1.0	125.0	6.748	79.3	47	107				
Copper	124.636	2.0	125.0	16.34	86.6	49	124				
Lead	93.157	1.0	125.0	0.4423	74.2	33	120				
Molybdenum	97.939	1.0	125.0	0	78.4	46	111				
Nickel	109.081	1.0	125.0	11.56	78.0	43	111				
Selenium	93.034	1.0	125.0	0	74.4	43	104				
Silver	104.869	1.0	125.0	0	83.9	53	114				
Thallium	87.981	1.0	125.0	0	70.4	41	107				
Vanadium	144.299	1.0	125.0	42.87	81.1	48	116				
Zinc	129.871	1.0	125.0	37.78	73.7	24	129				

Sample ID: 105139-010AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108529	
Client ID: 1001-112-5-S		Batch ID: 54941		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009		SeqNo: 1703152			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	86.838	2.0	125.0	0	69.5	25	106	81.65	6.15	20	
Arsenic	99.025	1.0	125.0	0.3171	79.0	42	113	95.13	4.01	20	
Barium	200.444	1.0	125.0	117.8	66.1	19	140	209.8	4.58	20	
Beryllium	103.528	1.0	125.0	0	82.8	50	109	99.34	4.13	20	
Cadmium	101.224	1.0	125.0	0.3654	80.7	48	106	97.04	4.22	20	
Chromium	107.500	1.0	125.0	16.07	73.1	44	116	106.1	1.28	20	
Cobalt	110.032	1.0	125.0	6.748	82.6	47	107	105.9	3.82	20	
Copper	126.074	2.0	125.0	16.34	87.8	49	124	124.6	1.15	20	
Lead	98.394	1.0	125.0	0.4423	78.4	33	120	93.16	5.47	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

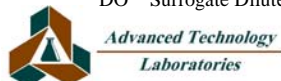
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 105139-010AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108529						
Client ID: 1001-112-5-S	Batch ID: 54941	TestNo: EPA 6010B EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703152							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	102.782	1.0	125.0	0	82.2	46	111	97.94	4.83	20	
Nickel	112.959	1.0	125.0	11.56	81.1	43	111	109.1	3.49	20	
Selenium	97.583	1.0	125.0	0	78.1	43	104	93.03	4.77	20	
Silver	108.719	1.0	125.0	0	87.0	53	114	104.9	3.61	20	
Thallium	92.710	1.0	125.0	0	74.2	41	107	87.98	5.23	20	
Vanadium	142.838	1.0	125.0	42.87	80.0	48	116	144.3	1.02	20	
Zinc	132.364	1.0	125.0	37.78	75.7	24	129	129.9	1.90	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

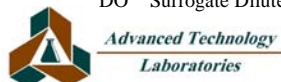
TestCode: 6010_S

Sample ID: MB-54942	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108502						
Client ID: PBS	Batch ID: 54942	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702686						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	0.013	1.0									
Chromium	0.100	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	0.175	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	0.030	1.0									
Zinc	0.222	1.0									

Sample ID: LCS-54942	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108502						
Client ID: LCSS	Batch ID: 54942	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702687						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47.820	2.0	50.00	0	95.6	80	120				
Arsenic	44.859	1.0	50.00	0	89.7	80	120				
Barium	47.492	1.0	50.00	0	95.0	80	120				
Beryllium	46.637	1.0	50.00	0	93.3	80	120				
Cadmium	47.466	1.0	50.00	0.01251	94.9	80	120				
Chromium	43.115	1.0	50.00	0.09983	86.0	80	120				
Cobalt	47.837	1.0	50.00	0	95.7	80	120				
Copper	46.996	2.0	50.00	0	94.0	80	120				
Lead	48.838	1.0	50.00	0.1747	97.3	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

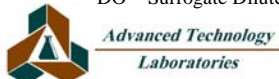
TestCode: 6010_S

Sample ID: LCS-54942	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108502						
Client ID: LCSS	Batch ID: 54942	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702687						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	45.771	1.0	50.00	0	91.5	80	120				
Nickel	46.167	1.0	50.00	0	92.3	80	120				
Selenium	46.394	1.0	50.00	0	92.8	80	120				
Silver	47.286	1.0	50.00	0	94.6	80	120				
Thallium	43.039	1.0	50.00	0	86.1	80	120				
Vanadium	47.420	1.0	50.00	0.02971	94.8	80	120				
Zinc	46.920	1.0	50.00	0.2223	93.4	80	120				

Sample ID: 105139-020ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108502						
Client ID: 1001-105-2-S	Batch ID: 54942	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702698						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.712	2.0						0.5777	0	20	
Arsenic	ND	1.0						0	0	20	
Barium	167.213	1.0						176.6	5.46	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	0.691	1.0						0.7222	0	20	
Chromium	25.165	1.0						25.02	0.560	20	
Cobalt	9.408	1.0						10.16	7.64	20	
Copper	26.640	2.0						28.82	7.85	20	
Lead	5.424	1.0						4.123	27.2	20	R
Molybdenum	ND	1.0						0	0	20	
Nickel	19.068	1.0						19.10	0.191	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	53.019	1.0						56.91	7.07	20	
Zinc	99.702	1.0						96.32	3.45	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

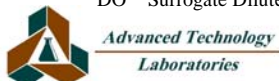
TestCode: 6010_S

Sample ID: 105139-020AMS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108502	
Client ID: 1001-105-2-S		Batch ID: 54942		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009				SeqNo: 1702699	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	69.025	2.0	125.0	0.5777	54.8	25	106				
Arsenic	88.661	1.0	125.0	0	70.9	42	113				
Barium	278.288	1.0	125.0	176.6	81.3	19	140				
Beryllium	92.256	1.0	125.0	0	73.8	50	109				
Cadmium	89.974	1.0	125.0	0.7222	71.4	48	106				
Chromium	111.430	1.0	125.0	25.02	69.1	44	116				
Cobalt	102.967	1.0	125.0	10.16	74.2	47	107				
Copper	136.213	2.0	125.0	28.82	85.9	49	124				
Lead	94.345	1.0	125.0	4.123	72.2	33	120				
Molybdenum	91.931	1.0	125.0	0	73.5	46	111				
Nickel	110.916	1.0	125.0	19.10	73.4	43	111				
Selenium	89.940	1.0	125.0	0	72.0	43	104				
Silver	102.466	1.0	125.0	0	82.0	53	114				
Thallium	77.144	1.0	125.0	0	61.7	41	107				
Vanadium	157.337	1.0	125.0	56.91	80.3	48	116				
Zinc	174.773	1.0	125.0	96.32	62.8	24	129				

Sample ID: 105139-020AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108502	
Client ID: 1001-105-2-S		Batch ID: 54942		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009				SeqNo: 1702700	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	62.432	2.0	125.0	0.5777	49.5	25	106	69.03	10.0	20	
Arsenic	87.897	1.0	125.0	0	70.3	42	113	88.66	0.867	20	
Barium	285.325	1.0	125.0	176.6	87.0	19	140	278.3	2.50	20	
Beryllium	90.460	1.0	125.0	0	72.4	50	109	92.26	1.97	20	
Cadmium	88.040	1.0	125.0	0.7222	69.9	48	106	89.97	2.17	20	
Chromium	112.262	1.0	125.0	25.02	69.8	44	116	111.4	0.744	20	
Cobalt	101.691	1.0	125.0	10.16	73.2	47	107	103.0	1.25	20	
Copper	137.578	2.0	125.0	28.82	87.0	49	124	136.2	0.997	20	
Lead	93.810	1.0	125.0	4.123	71.7	33	120	94.35	0.569	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
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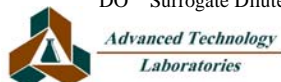
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 105139-020AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108502						
Client ID: 1001-105-2-S	Batch ID: 54942	TestNo: EPA 6010B EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702700							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	91.078	1.0	125.0	0	72.9	46	111	91.93	0.932	20	
Nickel	111.353	1.0	125.0	19.10	73.8	43	111	110.9	0.393	20	
Selenium	88.382	1.0	125.0	0	70.7	43	104	89.94	1.75	20	
Silver	101.064	1.0	125.0	0	80.9	53	114	102.5	1.38	20	
Thallium	75.890	1.0	125.0	0	60.7	41	107	77.14	1.64	20	
Vanadium	160.305	1.0	125.0	56.91	82.7	48	116	157.3	1.87	20	
Zinc	177.930	1.0	125.0	96.32	65.3	24	129	174.8	1.79	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

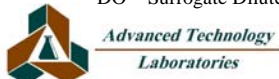
TestCode: 6010_S

Sample ID: MB-54943		SampType: MBLK		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108503	
Client ID: PBS		Batch ID: 54943		TestNo: EPA 6010B EPA 3050B				Analysis Date: 4/24/2009		SeqNo: 1702715	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	0.008	1.0									
Chromium	0.093	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	0.153	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	0.019	1.0									
Thallium	ND	1.0									
Vanadium	0.038	1.0									
Zinc	ND	1.0									

Sample ID: LCS-54943		SampType: LCS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108503	
Client ID: LCSS		Batch ID: 54943		TestNo: EPA 6010B EPA 3050B				Analysis Date: 4/24/2009		SeqNo: 1702716	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	48.496	2.0	50.00	0	97.0	80	120				
Arsenic	44.591	1.0	50.00	0	89.2	80	120				
Barium	48.182	1.0	50.00	0	96.4	80	120				
Beryllium	47.421	1.0	50.00	0	94.8	80	120				
Cadmium	48.136	1.0	50.00	0.008295	96.3	80	120				
Chromium	44.002	1.0	50.00	0.09326	87.8	80	120				
Cobalt	48.399	1.0	50.00	0	96.8	80	120				
Copper	47.821	2.0	50.00	0	95.6	80	120				
Lead	50.574	1.0	50.00	0.1527	101	80	120				

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

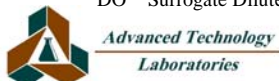
TestCode: 6010_S

Sample ID: LCS-54943	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108503						
Client ID: LCSS	Batch ID: 54943	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702716						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	46.458	1.0	50.00	0	92.9	80	120				
Nickel	46.993	1.0	50.00	0	94.0	80	120				
Selenium	46.767	1.0	50.00	0	93.5	80	120				
Silver	48.140	1.0	50.00	0.01912	96.2	80	120				
Thallium	43.547	1.0	50.00	0	87.1	80	120				
Vanadium	48.404	1.0	50.00	0.03816	96.7	80	120				
Zinc	47.697	1.0	50.00	0	95.4	80	120				

Sample ID: 105139-032ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108503						
Client ID: 1001-104-20-S	Batch ID: 54943	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702727						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.545	2.0						0.5525	0	20	
Arsenic	ND	1.0						0	0	20	
Barium	167.889	1.0						137.0	20.2	20	R
Beryllium	ND	1.0						0	0	20	
Cadmium	0.636	1.0						0.5076	0	20	
Chromium	23.257	1.0						19.21	19.1	20	
Cobalt	10.000	1.0						8.330	18.2	20	
Copper	25.480	2.0						20.73	20.5	20	R
Lead	0.468	1.0						0.6158	0	20	
Molybdenum	ND	1.0						0	0	20	
Nickel	17.148	1.0						13.89	21.0	20	R
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	56.665	1.0						46.66	19.4	20	
Zinc	55.575	1.0						46.64	17.5	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

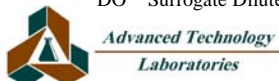
TestCode: 6010_S

Sample ID: 105139-032AMS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108503	
Client ID: 1001-104-20-S		Batch ID: 54943		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009				SeqNo: 1702728	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	63.853	2.0	125.0	0.5525	50.6	25	106				
Arsenic	85.039	1.0	125.0	0	68.0	42	113				
Barium	238.477	1.0	125.0	137.0	81.2	19	140				
Beryllium	87.751	1.0	125.0	0	70.2	50	109				
Cadmium	85.175	1.0	125.0	0.5076	67.7	48	106				
Chromium	101.613	1.0	125.0	19.21	65.9	44	116				
Cobalt	96.843	1.0	125.0	8.330	70.8	47	107				
Copper	122.012	2.0	125.0	20.73	81.0	49	124				
Lead	86.298	1.0	125.0	0.6158	68.5	33	120				
Molybdenum	87.113	1.0	125.0	0	69.7	46	111				
Nickel	102.369	1.0	125.0	13.89	70.8	43	111				
Selenium	84.801	1.0	125.0	0	67.8	43	104				
Silver	94.931	1.0	125.0	0	75.9	53	114				
Thallium	74.787	1.0	125.0	0	59.8	41	107				
Vanadium	143.623	1.0	125.0	46.66	77.6	48	116				
Zinc	137.641	1.0	125.0	46.64	72.8	24	129				

Sample ID: 105139-032AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108503	
Client ID: 1001-104-20-S		Batch ID: 54943		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009				SeqNo: 1702729	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	63.172	2.0	125.0	0.5525	50.1	25	106	63.85	1.07	20	
Arsenic	85.686	1.0	125.0	0	68.5	42	113	85.04	0.757	20	
Barium	239.409	1.0	125.0	137.0	81.9	19	140	238.5	0.390	20	
Beryllium	88.244	1.0	125.0	0	70.6	50	109	87.75	0.561	20	
Cadmium	86.345	1.0	125.0	0.5076	68.7	48	106	85.17	1.37	20	
Chromium	101.567	1.0	125.0	19.21	65.9	44	116	101.6	0.0457	20	
Cobalt	97.019	1.0	125.0	8.330	71.0	47	107	96.84	0.181	20	
Copper	123.099	2.0	125.0	20.73	81.9	49	124	122.0	0.886	20	
Lead	85.049	1.0	125.0	0.6158	67.5	33	120	86.30	1.46	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

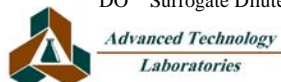
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 105139-032AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108503						
Client ID: 1001-104-20-S	Batch ID: 54943	TestNo: EPA 6010B EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702729							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	87.718	1.0	125.0	0	70.2	46	111	87.11	0.691	20	
Nickel	102.375	1.0	125.0	13.89	70.8	43	111	102.4	0.00590	20	
Selenium	84.814	1.0	125.0	0	67.9	43	104	84.80	0.0159	20	
Silver	96.012	1.0	125.0	0	76.8	53	114	94.93	1.13	20	
Thallium	75.548	1.0	125.0	0	60.4	41	107	74.79	1.01	20	
Vanadium	142.887	1.0	125.0	46.66	77.0	48	116	143.6	0.514	20	
Zinc	136.110	1.0	125.0	46.64	71.6	24	129	137.6	1.12	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

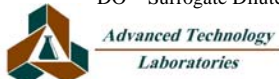
TestCode: 6010_W

Sample ID: MB-54886	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: PBW	Batch ID: 54886	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2009	SeqNo: 1701499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2009	SeqNo: 1701500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.976	0.0050	1.000	0	97.6	85	115				
Arsenic	0.935	0.010	1.000	0	93.5	85	115				
Barium	0.947	0.0030	1.000	0	94.7	85	115				
Beryllium	0.941	0.0030	1.000	0	94.1	85	115				
Cadmium	0.957	0.0030	1.000	0	95.7	85	115				
Chromium	0.859	0.0030	1.000	0	85.9	85	115				
Cobalt	0.959	0.0030	1.000	0	95.9	85	115				
Copper	0.936	0.0050	1.000	0	93.6	85	115				
Lead	0.900	0.0050	1.000	0	90.0	85	115				
Molybdenum	0.934	0.0050	1.000	0	93.4	85	115				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

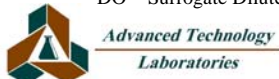
Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	0.920	0.0050	1.000	0	92.0	85	115				
Selenium	0.934	0.010	1.000	0	93.4	85	115				
Thallium	0.865	0.015	1.000	0	86.5	85	115				
Vanadium	0.941	0.0030	1.000	0	94.1	85	115				
Zinc	0.945	0.010	1.000	0	94.5	85	115				

Sample ID: 105148-024BDUP	SampType: DUP	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: ZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701507						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050						0	0	20	
Arsenic	ND	0.010						0	0	20	
Barium	ND	0.0030						0	0	20	
Beryllium	ND	0.0030						0	0	20	
Cadmium	ND	0.0030						0	0	20	
Chromium	ND	0.0030						0	0	20	
Cobalt	ND	0.0030						0	0	20	
Copper	ND	0.0050						0	0	20	
Lead	ND	0.0050						0	0	20	
Molybdenum	ND	0.0050						0	0	20	
Nickel	ND	0.0050						0	0	20	
Selenium	ND	0.010						0	0	20	
Thallium	ND	0.015						0	0	20	
Vanadium	ND	0.0030						0	0	20	
Zinc	0.006	0.010						0.004377	0	20	

Sample ID: 105148-024BMS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: ZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701508						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

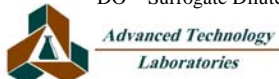
TestCode: 6010_W

Sample ID: 105148-024BMS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2009	SeqNo: 1701508						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.419	0.0050	2.500	0	96.8	64	130				
Arsenic	2.266	0.010	2.500	0	90.6	66	128				
Barium	2.459	0.0030	2.500	0	98.4	60	129				
Beryllium	2.450	0.0030	2.500	0	98.0	77	118				
Cadmium	2.284	0.0030	2.500	0	91.3	72	122				
Chromium	2.200	0.0030	2.500	0	88.0	77	116				
Cobalt	2.412	0.0030	2.500	0	96.5	66	124				
Copper	2.543	0.0050	2.500	0	102	70	130				
Lead	2.163	0.0050	2.500	0	86.5	71	121				
Nickel	2.385	0.0050	2.500	0	95.4	63	125				
Selenium	2.237	0.010	2.500	0	89.5	73	124				
Thallium	2.292	0.015	2.500	0	91.7	66	125				
Vanadium	2.522	0.0030	2.500	0	101	79	118				
Zinc	2.253	0.010	2.500	0.004377	90.0	71	120				

Sample ID: 105148-024BMSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2009	SeqNo: 1701509						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.480	0.0050	2.500	0	99.2	64	130	2.419	2.49	20	
Arsenic	2.328	0.010	2.500	0	93.1	66	128	2.266	2.69	20	
Barium	2.516	0.0030	2.500	0	101	60	129	2.459	2.26	20	
Beryllium	2.510	0.0030	2.500	0	100	77	118	2.450	2.39	20	
Cadmium	2.329	0.0030	2.500	0	93.1	72	122	2.284	1.95	20	
Chromium	2.241	0.0030	2.500	0	89.6	77	116	2.200	1.86	20	
Cobalt	2.466	0.0030	2.500	0	98.6	66	124	2.412	2.19	20	
Copper	2.595	0.0050	2.500	0	104	70	130	2.543	2.02	20	
Lead	2.187	0.0050	2.500	0	87.5	71	121	2.163	1.09	20	
Molybdenum	2.469	0.0050	2.500	0	98.8	64	129	2.417	2.14	20	
Nickel	2.423	0.0050	2.500	0	96.9	63	125	2.385	1.59	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: 105148-024BMSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701509						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	2.280	0.010	2.500	0	91.2	73	124	2.237	1.90	20	
Thallium	2.352	0.015	2.500	0	94.1	66	125	2.292	2.58	20	
Vanadium	2.570	0.0030	2.500	0	103	79	118	2.522	1.89	20	
Zinc	2.294	0.010	2.500	0.004377	91.6	71	120	2.253	1.81	20	

Sample ID: MB-54886	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: PBW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.0030									

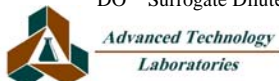
Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	1.009	0.0030	1.000	0	101	85	115				

Sample ID: 105148-024BDUP	SampType: DUP	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702112						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.0030						0	0	20	

Sample ID: 105148-024BMS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702113						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	2.550	0.0030	2.500	0	102	60	138				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

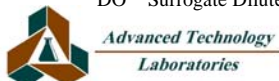
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: 105148-024BMSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: ZZZZZZ	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702114						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	2.589	0.0030	2.500	0	104	60	138	2.550	1.54	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105139-001ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108485						
Client ID: 1001-101-2-S	Batch ID: 54986	TestNo: EPA 7196A		Analysis Date: 4/23/2009	SeqNo: 1702335						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10						0	0	20	

Sample ID: 105139-001AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108485						
Client ID: 1001-101-2-S	Batch ID: 54986	TestNo: EPA 7196A		Analysis Date: 4/23/2009	SeqNo: 1702336						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.430	0.10	5.000	0	88.6	85	115				

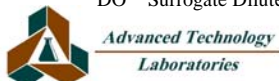
Sample ID: 105139-001AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108485						
Client ID: 1001-101-2-S	Batch ID: 54986	TestNo: EPA 7196A		Analysis Date: 4/23/2009	SeqNo: 1702337						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.670	0.10	5.000	0	93.4	85	115	4.430	5.27	20	

Sample ID: LCS-54986	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108485						
Client ID: LCSS	Batch ID: 54986	TestNo: EPA 7196A		Analysis Date: 4/23/2009	SeqNo: 1702346						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.020	0.10	5.000	0	100	85	115				

Sample ID: MB-54986	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108485						
Client ID: PBS	Batch ID: 54986	TestNo: EPA 7196A		Analysis Date: 4/23/2009	SeqNo: 1702347						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105139-012ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108491						
Client ID: 1001-112-20-S	Batch ID: 54996	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702465						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10						0	0	20	

Sample ID: 105139-012AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108491						
Client ID: 1001-112-20-S	Batch ID: 54996	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702466						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.990	0.10	5.000	0	99.8	85	115				

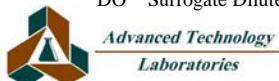
Sample ID: 105139-012AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108491						
Client ID: 1001-112-20-S	Batch ID: 54996	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702467						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.950	0.10	5.000	0	99.0	85	115	4.990	0.805	20	

Sample ID: LCS-54996	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108491						
Client ID: LCSS	Batch ID: 54996	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702475						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.000	0.10	5.000	0	100	85	115				

Sample ID: MB-54996	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108491						
Client ID: PBS	Batch ID: 54996	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702476						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105139-021ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108493						
Client ID: 1001-105-5-S	Batch ID: 54997	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702503						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10						0	0	20	

Sample ID: 105139-021AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108493						
Client ID: 1001-105-5-S	Batch ID: 54997	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702504						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.980	0.10	5.000	0	99.6	85	115				

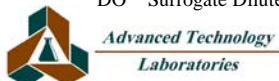
Sample ID: 105139-021AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108493						
Client ID: 1001-105-5-S	Batch ID: 54997	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702505						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.010	0.10	5.000	0	100	85	115	4.980	0.601	20	

Sample ID: LCS-54997	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108493						
Client ID: LCSS	Batch ID: 54997	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702515						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.060	0.10	5.000	0	101	85	115				

Sample ID: MB-54997	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108493						
Client ID: PBS	Batch ID: 54997	TestNo: EPA 7196A		Analysis Date: 4/24/2009	SeqNo: 1702516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_W

Sample ID: 105139-030ADUP	SampType: DUP	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108480						
Client ID: ERB-1	Batch ID: R108480	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.010						0	0	20	

Sample ID: 105139-030AMS	SampType: MS	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108480						
Client ID: ERB-1	Batch ID: R108480	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702250						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.506	0.010	0.5000	0	101	85	115				

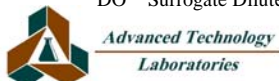
Sample ID: 105139-030AMSD	SampType: MSD	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108480						
Client ID: ERB-1	Batch ID: R108480	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702251						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.507	0.010	0.5000	0	101	85	115	0.5060	0.197	20	

Sample ID: LCS-R108480	SampType: LCS	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108480						
Client ID: LCSW	Batch ID: R108480	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702252						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.507	0.010	0.5000	0	101	85	115				

Sample ID: MB-R108480	SampType: MBLK	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108480						
Client ID: PBW	Batch ID: R108480	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702253						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.010									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: MB-54884	SampType: MBLK	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: PBW	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.072	0.20									

Sample ID: LCS-54884	SampType: LCS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: LCSW	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.857	0.20	10.00	0.07152	97.9	85	115				

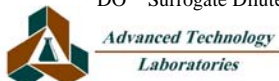
Sample ID: 105148-024B-MS	SampType: MS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: ZZZZZZ	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700395						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.391	0.20	10.00	0	93.9	70	130				

Sample ID: 105148-024B-MSD	SampType: MSD	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: ZZZZZZ	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700396						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.138	0.20	10.00	0	91.4	70	130	9.391	2.74	20	

Sample ID: 105131-001B-DUP	SampType: DUP	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: ZZZZZZ	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700399						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54900	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108384						
Client ID: PBS	Batch ID: 54900	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700541						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-54900	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108384						
Client ID: LCSS	Batch ID: 54900	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700542						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.846	0.10	0.8300	0	102	80	120				

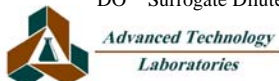
Sample ID: 105139-010A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108384						
Client ID: 1001-112-5-S	Batch ID: 54900	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700543						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.892	0.10	0.8300	0.02121	105	70	130				

Sample ID: 105139-010A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108384						
Client ID: 1001-112-5-S	Batch ID: 54900	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700544						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.886	0.10	0.8300	0.02121	104	70	130	0.8923	0.674	20	

Sample ID: 105139-010A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108384						
Client ID: 1001-112-5-S	Batch ID: 54900	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700546						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.021	0.10						0.02121	0	20	

Qualifiers:

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| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54901	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108386						
Client ID: PBS	Batch ID: 54901	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700561						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-54901	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108386						
Client ID: LCSS	Batch ID: 54901	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.886	0.10	0.8300	0	107	80	120				

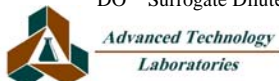
Sample ID: 105139-020A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108386						
Client ID: 1001-105-2-S	Batch ID: 54901	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700563						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.929	0.10	0.8300	0.02377	109	70	130				

Sample ID: 105139-020A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108386						
Client ID: 1001-105-2-S	Batch ID: 54901	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700564						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.910	0.10	0.8300	0.02377	107	70	130	0.9288	2.06	20	

Sample ID: 105139-020A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108386						
Client ID: 1001-105-2-S	Batch ID: 54901	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700566						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.024	0.10						0.02377	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54902	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108388						
Client ID: PBS	Batch ID: 54902	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700587						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-54902	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108388						
Client ID: LCSS	Batch ID: 54902	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700588						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.883	0.10	0.8300	0	106	80	120				

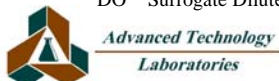
Sample ID: 105139-032A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108388						
Client ID: 1001-104-20-S	Batch ID: 54902	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700589						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.921	0.10	0.8300	0.02485	108	70	130				

Sample ID: 105139-032A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108388						
Client ID: 1001-104-20-S	Batch ID: 54902	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.916	0.10	0.8300	0.02485	107	70	130	0.9206	0.470	20	

Sample ID: 105139-032A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108388						
Client ID: 1001-104-20-S	Batch ID: 54902	TestNo: EPA 7471A		Analysis Date: 4/22/2009	SeqNo: 1700592						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.025	0.10						0.02485	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

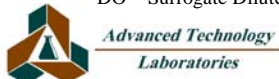
Sample ID: 105093-003AMS		SampType: MS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/21/2009		RunNo: 108424		
Client ID: ZZZZZZ		Batch ID: 54880		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009		SeqNo: 1703608				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1358.050	10	1000	0	136	58	145					
Surr: p-Terphenyl	70.870		80.00		88.6	57	144					

Sample ID: 105093-003AMSD		SampType: MSD		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/21/2009		RunNo: 108424		
Client ID: ZZZZZZ		Batch ID: 54880		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009		SeqNo: 1703609				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1319.490	10	1000	0	132	58	145	1358	2.88	20		
Surr: p-Terphenyl	68.380		80.00		85.5	57	144		0	0		

Sample ID: LCS-54880		SampType: LCS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/21/2009		RunNo: 108424		
Client ID: LCSS		Batch ID: 54880		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009		SeqNo: 1703616				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1252.060	10	1000	0	125	81	128					
Surr: p-Terphenyl	66.550		80.00		83.2	57	144					

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54918	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: LCSS	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703740						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1272.170	10	1000	0	127	81	128				
Surr: p-Terphenyl	68.910		80.00		86.1	57	144				

Sample ID: MB-54918	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: PBS	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703741						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	80.260		80.00		100	57	144				

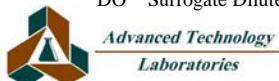
Sample ID: 105139-001ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-101-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703742						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10						0	0	20	
Surr: p-Terphenyl	69.580		80.00		87.0	57	144		0	0	

Sample ID: 105139-005AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-102-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703753						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1371.400	10	1000	14.32	136	58	145				
Surr: p-Terphenyl	71.240		80.00		89.0	57	144				

Sample ID: 105139-005AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-102-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1581.290	10	1000	14.32	157	58	145	1371	14.2	20	S

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

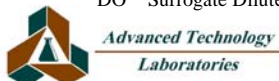
ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105139-005AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-102-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	79.880		80.00		99.8	57	144		0	0	

Qualifiers:

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|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54919		SampType: LCS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108526		
Client ID: LCSS		Batch ID: 54919		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/25/2009		SeqNo: 1703112				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1218.970	10	1000	0	122	81	128					
Surr: p-Terphenyl	51.770		80.00		64.7	57	144					

Sample ID: MB-54919		SampType: MBLK		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108526		
Client ID: PBS		Batch ID: 54919		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/25/2009		SeqNo: 1703113				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	ND	10										
Surr: p-Terphenyl	80.730		80.00		101	57	144					

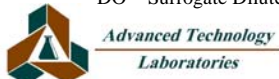
Sample ID: 105139-014AMSD		SampType: MSD		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108526		
Client ID: 1001-103-5-S		Batch ID: 54919		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/25/2009		SeqNo: 1703115				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1439.770	10	1000	42.16	140	58	145	1546	7.14	20		
Surr: p-Terphenyl	71.330		80.00		89.2	57	144		0	0		

Sample ID: 105139-013ADUP		SampType: DUP		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108526		
Client ID: 1001-103-2-S		Batch ID: 54919		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/25/2009		SeqNo: 1703123				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	45.670	10						45.43	0.527	20		
Surr: p-Terphenyl	79.250		80.00		99.1	57	144		0	0		

Sample ID: 105139-014AMS		SampType: MS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108526		
Client ID: 1001-103-5-S		Batch ID: 54919		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009		SeqNo: 1703126				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	1546.450	10	1000	42.16	150	58	145				S	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105139-014AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108526						
Client ID: 1001-103-5-S	Batch ID: 54919	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009	SeqNo: 1703126						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	70.200		80.00		87.8	57	144				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54920	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: LCSS	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704674						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	907.964	10	1000	0	90.8	81	128				
Surr: p-Terphenyl	80.652		80.00		101	57	144				

Sample ID: 105148-008AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: ZZZZZZ	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704675						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	909.973	10	1000	0	91.0	58	145				
Surr: p-Terphenyl	78.880		80.00		98.6	57	144				

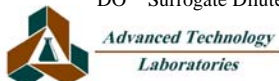
Sample ID: 105148-008AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: ZZZZZZ	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704676						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	887.823	10	1000	0	88.8	58	145	910.0	2.46	20	
Surr: p-Terphenyl	76.187		80.00		95.2	57	144		0	0	

Sample ID: MB-54920	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: PBS	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704677						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	77.732		80.00		97.2	57	144				

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: ZZZZZZ	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: ZZZZZZ	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	77.999		80.00		97.5	57	144		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090421LCS1	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: LCSS	Batch ID: E09VS104	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700197							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.540	1.0	5.000	0	90.8	73	120				
Surr: Bromofluorobenzene (FID)	96.037		100.0		96.0	59	145				

Sample ID: E090421MB1	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: PBS	Batch ID: E09VS104	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700198							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.526		100.0		102	59	145				

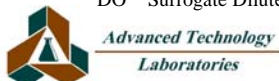
Sample ID: 105133-001AMS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: ZZZZZZ	Batch ID: E09VS104	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700200							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.244	1.0	5.000	0	84.9	39	135				
Surr: Bromofluorobenzene (FID)	92.733		100.0		92.7	59	145				

Sample ID: 105133-001AMSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: ZZZZZZ	Batch ID: E09VS104	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700201							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.209	1.0	5.000	0	84.2	39	135	4.244	0.828	20	
Surr: Bromofluorobenzene (FID)	89.023		100.0		89.0	59	145		0	0	

Sample ID: 105139-001FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108359						
Client ID: 1001-101-2-S	Batch ID: E09VS104	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700203							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105139-001FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108359						
Client ID: 1001-101-2-S	Batch ID: E09VS104	TestNo: EPA 8015B(M)		Analysis Date: 4/21/2009	SeqNo: 1700203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	110.961		105.7		105	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090421LCS3	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: LCSS	Batch ID: E09VS105	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700405							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.526	1.0	5.000	0	90.5	73	120				
Surr: Bromofluorobenzene (FID)	98.536		100.0		98.5	59	145				

Sample ID: E090421MB2MS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: ZZZZZZ	Batch ID: E09VS105	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700406							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.681	1.0	5.000	0	93.6	39	135				
Surr: Bromofluorobenzene (FID)	98.955		100.0		99.0	59	145				

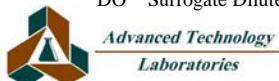
Sample ID: E090421MB2MSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: ZZZZZZ	Batch ID: E09VS105	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700407							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.661	1.0	5.000	0	93.2	39	135	4.681	0.428	20	
Surr: Bromofluorobenzene (FID)	94.456		100.0		94.5	59	145		0	0	

Sample ID: E090421MB2	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: PBS	Batch ID: E09VS105	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700408							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	93.136		100.0		93.1	59	145				

Sample ID: 105139-011FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108369						
Client ID: 1001-112-10-S	Batch ID: E09VS105	TestNo: EPA 8015B(M)	Analysis Date: 4/21/2009	SeqNo: 1700410							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105139-011FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108369						
Client ID: 1001-112-10-S	Batch ID: E09VS105	TestNo: EPA 8015B(M)		Analysis Date: 4/21/2009	SeqNo: 1700410						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	121.354		105.9		115	59	145		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090421LCS5	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: LCSS	Batch ID: E09VS106	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1700420							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.563	1.0	5.000	0	91.3	73	120				
Surr: Bromofluorobenzene (FID)	97.351		100.0		97.4	59	145				

Sample ID: E090421MB3MS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: ZZZZZZ	Batch ID: E09VS106	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1700421							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.709	1.0	5.000	0	94.2	39	135				
Surr: Bromofluorobenzene (FID)	97.150		100.0		97.2	59	145				

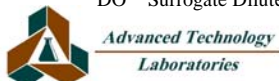
Sample ID: E090421MB3MSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: ZZZZZZ	Batch ID: E09VS106	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1700422							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.804	1.0	5.000	0	96.1	39	135	4.709	2.00	20	
Surr: Bromofluorobenzene (FID)	100.322		100.0		100	59	145		0	0	

Sample ID: E090421MB3	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: PBS	Batch ID: E09VS106	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1700423							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	102.220		100.0		102	59	145				

Sample ID: 105139-022FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108453						
Client ID: 1001-105-10-S	Batch ID: E09VS106	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701891							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105139-022FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108453						
Client ID: 1001-105-10-S	Batch ID: E09VS106	TestNo: EPA 8015B(M)		Analysis Date: 4/22/2009	SeqNo: 1701891						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	130.508		114.4		114	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL H

Sample ID: MB-54952MSD	SampType: MSD	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: ZZZZZZ	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702052						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.222	0.20	1.000	0	122	42	118	1.218	0.288	20	S
Surr: p-Terphenyl	0.049		0.08000		61.3	35	131		0	0	

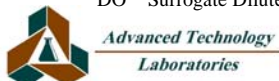
Sample ID: MB-54952	SampType: MBLK	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: PBW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.20									
Surr: p-Terphenyl	0.051		0.08000		64.2	35	131				

Sample ID: MB-54952MS	SampType: MS	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: ZZZZZZ	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702054						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.219	0.20	1.000	0	122	42	118				S
Surr: p-Terphenyl	0.053		0.08000		65.9	35	131				

Sample ID: LCS-54952	SampType: LCS	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: LCSW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.102	0.20	1.000	0	110	42	118				
Surr: p-Terphenyl	0.048		0.08000		59.6	35	131				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_G PRES

Sample ID: D090423LCS	SampType: LCS	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: LCSW	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701675							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.945	0.20	1.000	0	94.5	69	125				
Surr: Bromofluorobenzene (FID)	101.914		100.0		102	71	130				

Sample ID: D090423MB2MS	SampType: MS	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701676							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.861	0.20	1.000	0	86.1	69	125				
Surr: Bromofluorobenzene (FID)	100.900		100.0		101	71	130				

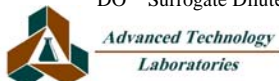
Sample ID: D090424MB2MSD	SampType: MSD	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701677							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.900	0.20	1.000	0	90.0	69	125	0	0	20	
Surr: Bromofluorobenzene (FID)	99.676		100.0		99.7	71	130		0	0	

Sample ID: D090423MB2	SampType: MBLK	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: PBW	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701678							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.20									
Surr: Bromofluorobenzene (FID)	104.012		100.0		104	71	130				

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701680							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_G PRES

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)		Analysis Date: 4/23/2009	SeqNo: 1701680						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	101.016		100.0		101	71	130		0	0	

Qualifiers:

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|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



*Advanced Technology
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

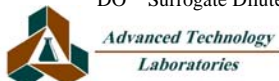
Sample ID: MB-54915		SampType: MBLK		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108405	
Client ID: PBS		Batch ID: 54915		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700834	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	12.960		16.67		77.7	30	124				
Surr: Tetrachloro-m-xylene	14.840		16.67		89.0	40	118				

Sample ID: LCSA-54915		SampType: LCS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108405	
Client ID: LCSS		Batch ID: 54915		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700835	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134.044	16	166.7	0	80.4	56	113				
Aroclor 1260	146.172	16	166.7	0	87.7	58	111				
Surr: Decachlorobiphenyl	13.088		16.67		78.5	30	124				
Surr: Tetrachloro-m-xylene	15.839		16.67		95.0	40	118				

Sample ID: 105139-010AMSA		SampType: MS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108405	
Client ID: 1001-112-5-S		Batch ID: 54915		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700836	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	132.853	16	166.7	0	79.7	51	111				
Aroclor 1260	145.698	16	166.7	0	87.4	39	123				
Surr: Decachlorobiphenyl	13.667		16.67		82.0	30	124				
Surr: Tetrachloro-m-xylene	15.698		16.67		94.2	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

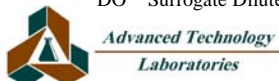
TestCode: 8082_S

Sample ID: 105139-010AMSDA		SampType: MSD		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108405	
Client ID: 1001-112-5-S		Batch ID: 54915		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134.479	16	166.7	0	80.7	51	111	132.9	1.22	20	
Aroclor 1260	146.311	16	166.7	0	87.8	39	123	145.7	0.420	20	
Surr: Decachlorobiphenyl	13.663		16.67		82.0	30	124		0	0	
Surr: Tetrachloro-m-xylene	15.806		16.67		94.8	40	118		0	0	

Sample ID: 105139-003ADUPA		SampType: DUP		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108405	
Client ID: 1001-101-10-S		Batch ID: 54915		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700842	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	12.616		16.67		75.7	30	124		0	0	
Surr: Tetrachloro-m-xylene	15.162		16.67		91.0	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

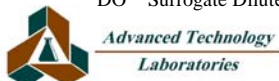
Sample ID: MB-54929	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108460						
Client ID: PBS	Batch ID: 54929	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1701805						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	13.960		16.67		83.7	30	124				
Surr: Tetrachloro-m-xylene	14.345		16.67		86.1	40	118				

Sample ID: LCS-54929	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108460						
Client ID: LCSS	Batch ID: 54929	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1701805						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	122.608	16	166.7	0	73.6	56	113				
Aroclor 1260	140.283	16	166.7	0	84.2	58	111				
Surr: Decachlorobiphenyl	13.692		16.67		82.1	30	124				
Surr: Tetrachloro-m-xylene	14.902		16.67		89.4	40	118				

Sample ID: 105139-014AMS	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108460						
Client ID: 1001-103-5-S	Batch ID: 54929	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1701807						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	118.623	16	166.7	0	71.2	51	111				
Aroclor 1260	135.425	16	166.7	0	81.3	39	123				
Surr: Decachlorobiphenyl	13.577		16.67		81.4	30	124				
Surr: Tetrachloro-m-xylene	15.255		16.67		91.5	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

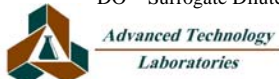
TestCode: 8082_S

Sample ID: 105139-014AMSD	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108460						
Client ID: 1001-103-5-S	Batch ID: 54929	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1701808						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	123.253	16	166.7	0	74.0	51	111	118.6	3.83	20	
Aroclor 1260	141.723	16	166.7	0	85.0	39	123	135.4	4.55	20	
Surr: Decachlorobiphenyl	14.178		16.67		85.1	30	124		0	0	
Surr: Tetrachloro-m-xylene	16.053		16.67		96.3	40	118		0	0	

Sample ID: 105139-011ADUP	SampType: DUP	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108460						
Client ID: 1001-112-10-S	Batch ID: 54929	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1701810						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	14.305		16.67		85.8	30	124		0	0	
Surr: Tetrachloro-m-xylene	15.083		16.67		90.5	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

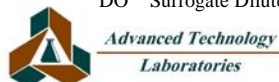
Sample ID: MB-54930	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108479						
Client ID: PBS	Batch ID: 54930	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1702183						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	13.798		16.67		82.8	30	124				
Surr: Tetrachloro-m-xylene	14.333		16.67		86.0	40	118				

Sample ID: LCS-54930	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108479						
Client ID: LCSS	Batch ID: 54930	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1702184						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	127.055	16	166.7	0	76.2	56	113				
Aroclor 1260	158.538	16	166.7	0	95.1	58	111				
Surr: Decachlorobiphenyl	13.778		16.67		82.7	30	124				
Surr: Tetrachloro-m-xylene	15.163		16.67		91.0	40	118				

Sample ID: 105139-027AMS	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108479						
Client ID: 1001-111-10-S	Batch ID: 54930	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1702185						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139.227	16	166.7	0	83.5	51	111				
Aroclor 1260	171.350	16	166.7	0	103	39	123				
Surr: Decachlorobiphenyl	15.522		16.67		93.1	30	124				
Surr: Tetrachloro-m-xylene	17.960		16.67		108	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

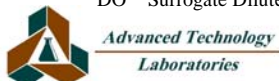
TestCode: 8082_S

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Client ID: 1001-111-10-S	Batch ID: 54930	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1702186						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139.388	16	166.7	0	83.6	51	111	139.2	0.116	20	
Aroclor 1260	169.658	16	166.7	0	102	39	123	171.4	0.992	20	
Surr: Decachlorobiphenyl	15.438		16.67		92.6	30	124		0	0	
Surr: Tetrachloro-m-xylene	17.877		16.67		107	40	118		0	0	

Sample ID: 105139-032ADUP	SampType: DUP	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108479						
Client ID: 1001-104-20-S	Batch ID: 54930	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1702189						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	14.673		16.67		88.0	30	124		0	0	
Surr: Tetrachloro-m-xylene	17.315		16.67		104	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W

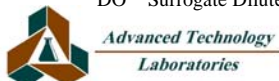
Sample ID: MB-54927	SampType: MBLK	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2009	RunNo: 108430						
Client ID: PBW	Batch ID: 54927	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/23/2009	SeqNo: 1701283						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Aroclor 1262	ND	0.50									
Aroclor 1268	ND	0.50									
Surr: Decachlorobiphenyl	0.289		0.5000		57.8	29	130				
Surr: Tetrachloro-m-xylene	0.429		0.5000		85.7	48	126				

Sample ID: LCSA-54927	SampType: LCS	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2009	RunNo: 108430						
Client ID: LCSW	Batch ID: 54927	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/23/2009	SeqNo: 1701284						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.723	0.50	5.000	0	74.5	59	113				
Aroclor 1260	4.014	0.50	5.000	0	80.3	60	114				
Surr: Decachlorobiphenyl	0.270		0.5000		54.0	29	130				
Surr: Tetrachloro-m-xylene	0.451		0.5000		90.3	48	126				

Sample ID: MB-54927MSA	SampType: MS	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2009	RunNo: 108430						
Client ID: ZZZZZZ	Batch ID: 54927	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/23/2009	SeqNo: 1701285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.606	0.50	5.000	0	72.1	59	113				
Aroclor 1260	3.977	0.50	5.000	0	79.5	60	114				
Surr: Decachlorobiphenyl	0.272		0.5000		54.3	29	130				
Surr: Tetrachloro-m-xylene	0.460		0.5000		92.0	48	126				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

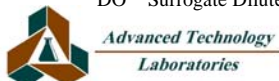
ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W

Sample ID: MB-54927MSDA	SampType: MSD	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2009	RunNo: 108430						
Client ID: ZZZZZZ	Batch ID: 54927	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/23/2009	SeqNo: 1701286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.798	0.50	5.000	0	76.0	59	113	3.606	5.19	20	
Aroclor 1260	4.067	0.50	5.000	0	81.3	60	114	3.977	2.25	20	
Surr: Decachlorobiphenyl	0.275		0.5000		54.9	29	130		0	0	
Surr: Tetrachloro-m-xylene	0.460		0.5000		91.9	48	126		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

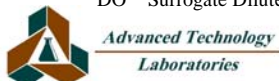
TestCode: 8260_S_5035

Sample ID: K090421LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108377						
Client ID: LCSS	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700485						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	51.800	5.0	50.00	0	104	70	130				
Benzene	101.610	5.0	100.0	0	102	70	130				
Chlorobenzene	51.830	5.0	50.00	0	104	70	130				
MTBE	50.750	5.0	50.00	0	102	70	130				
Toluene	101.680	5.0	100.0	0	102	70	130				
Trichloroethene	52.390	5.0	50.00	0	105	70	130				
Surr: 1,2-Dichloroethane-d4	48.800		50.00		97.6	68	147				
Surr: 4-Bromofluorobenzene	53.420		50.00		107	67	127				
Surr: Dibromofluoromethane	52.330		50.00		105	72	141				
Surr: Toluene-d8	54.070		50.00		108	75	120				

Sample ID: K090421MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108377						
Client ID: PBS	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700487						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
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ANALYTICAL QC SUMMARY REPORT

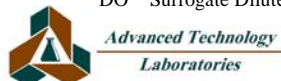
TestCode: 8260_S_5035

Sample ID: K090421MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108377						
Client ID: PBS	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700487						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

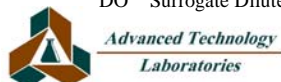
TestCode: 8260_S_5035

Sample ID: K090421MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108377						
Client ID: PBS	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700487						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	50.400		50.00		101	68	147				
Surr: 4-Bromofluorobenzene	52.120		50.00		104	67	127				
Surr: Dibromofluoromethane	52.590		50.00		105	72	141				
Surr: Toluene-d8	53.790		50.00		108	75	120				

Sample ID: 105139-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108377						
Client ID: 1001-112-10-S	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

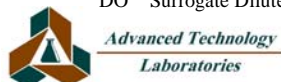
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108377						
Client ID: 1001-112-10-S	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chloroethyl vinyl ether	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
2-Hexanone	ND	50						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
4-Methyl-2-pentanone	ND	50						0	0	20	
Acetone	ND	50						0	0	20	
Acrolein	ND	50						0	0	20	
Acrylonitrile	ND	50						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromochloromethane	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon disulfide	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

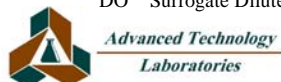
TestCode: 8260_S_5035

Sample ID: 105139-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108377
Client ID: 1001-112-10-S	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700499

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Cyclohexanone	ND	50						0	0	20	
Di-isopropyl ether	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethyl Acetate	ND	50						0	0	20	
Ethyl Ether	ND	50						0	0	20	
Ethyl Tert-butyl ether	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Iodomethane	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
Tert-amyl methyl ether	ND	5.0						0	0	20	
Tert-Butanol	ND	100						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

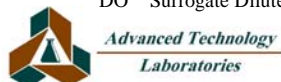
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108377						
Client ID: 1001-112-10-S	Batch ID: K09VS060	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
trans-1,3-Dichloropropene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl acetate	ND	50						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	60.986		49.80		122	68	147		0	20	
Surr: 4-Bromofluorobenzene	55.986		49.80		112	67	127		0	20	
Surr: Dibromofluoromethane	58.855		49.80		118	72	141		0	20	
Surr: Toluene-d8	55.129		49.80		111	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

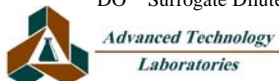
TestCode: 8260_S_5035

Sample ID: T090421LC1		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108345		
Client ID: LCSS		Batch ID: T09VS102		TestNo: EPA 8260B				Analysis Date: 4/21/2009		SeqNo: 1699941		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	49.960	5.0	50.00	0	99.9	70	130					
Benzene	107.440	5.0	100.0	0	107	70	130					
Chlorobenzene	51.810	5.0	50.00	0	104	70	130					
MTBE	52.590	5.0	50.00	0	105	70	130					
Toluene	113.070	5.0	100.0	0	113	70	130					
Trichloroethene	48.040	5.0	50.00	0	96.1	70	130					
Surr: 1,2-Dichloroethane-d4	47.680		50.00		95.4	68	147					
Surr: 4-Bromofluorobenzene	51.440		50.00		103	67	127					
Surr: Dibromofluoromethane	50.640		50.00		101	72	141					
Surr: Toluene-d8	56.870		50.00		114	75	120					

Sample ID: T090421MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108345		
Client ID: PBS		Batch ID: T09VS102		TestNo: EPA 8260B				Analysis Date: 4/21/2009		SeqNo: 1699943		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.0										
1,1,1-Trichloroethane	ND	5.0										
1,1,2,2-Tetrachloroethane	ND	5.0										
1,1,2-Trichloroethane	ND	5.0										
1,1-Dichloroethane	ND	5.0										
1,1-Dichloroethene	ND	5.0										
1,1-Dichloropropene	ND	5.0										
1,2,3-Trichlorobenzene	ND	5.0										
1,2,3-Trichloropropane	ND	5.0										
1,2,4-Trichlorobenzene	ND	5.0										
1,2,4-Trimethylbenzene	ND	5.0										
1,2-Dibromo-3-chloropropane	ND	10										
1,2-Dibromoethane	ND	5.0										
1,2-Dichlorobenzene	ND	5.0										
1,2-Dichloroethane	ND	5.0										

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

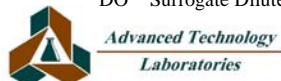
TestCode: 8260_S_5035

Sample ID: T090421MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108345
Client ID: PBS	Batch ID: T09VS102	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1699943

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

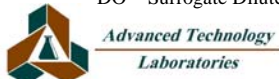
TestCode: 8260_S_5035

Sample ID: T090421MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108345		
Client ID: PBS		Batch ID: T09VS102		TestNo: EPA 8260B		Analysis Date: 4/21/2009				SeqNo: 1699943		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	48.750		50.00		97.5	68	147					
Surr: 4-Bromofluorobenzene	53.010		50.00		106	67	127					
Surr: Dibromofluoromethane	52.970		50.00		106	72	141					
Surr: Toluene-d8	57.000		50.00		114	75	120					

Sample ID: 105139-001C		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/21/2009		RunNo: 108345		
Client ID: 1001-101-2-S		Batch ID: T09VS102		TestNo: EPA 8260B		Analysis Date: 4/21/2009				SeqNo: 1699954		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.9						0	0	20		
1,1,1-Trichloroethane	ND	5.9						0	0	20		
1,1,2,2-Tetrachloroethane	ND	5.9						0	0	20		
1,1,2-Trichloroethane	ND	5.9						0	0	20		
1,1-Dichloroethane	ND	5.9						0	0	20		
1,1-Dichloroethene	ND	5.9						0	0	20		
1,1-Dichloropropene	ND	5.9						0	0	20		
1,2,3-Trichlorobenzene	ND	5.9						0	0	20		
1,2,3-Trichloropropane	ND	5.9						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

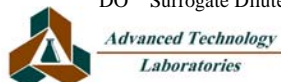
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108345						
Client ID: 1001-101-2-S	Batch ID: T09VS102	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1699954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.9						0	0	20	
1,2,4-Trimethylbenzene	ND	5.9						0	0	20	
1,2-Dibromo-3-chloropropane	ND	12						0	0	20	
1,2-Dibromoethane	ND	5.9						0	0	20	
1,2-Dichlorobenzene	ND	5.9						0	0	20	
1,2-Dichloroethane	ND	5.9						0	0	20	
1,2-Dichloropropane	ND	5.9						0	0	20	
1,3,5-Trimethylbenzene	ND	5.9						0	0	20	
1,3-Dichlorobenzene	ND	5.9						0	0	20	
1,3-Dichloropropane	ND	5.9						0	0	20	
1,4-Dichlorobenzene	ND	5.9						0	0	20	
2,2-Dichloropropane	ND	5.9						0	0	20	
2-Butanone	ND	59						0	0	20	
2-Chloroethyl vinyl ether	ND	5.9						0	0	20	
2-Chlorotoluene	ND	5.9						0	0	20	
2-Hexanone	ND	59						0	0	20	
4-Chlorotoluene	ND	5.9						0	0	20	
4-Isopropyltoluene	ND	5.9						0	0	20	
4-Methyl-2-pentanone	ND	59						0	0	20	
Acetone	ND	59						8.877	0	20	
Acrolein	ND	59						0	0	20	
Acrylonitrile	ND	59						0	0	20	
Benzene	ND	5.9						0	0	20	
Bromobenzene	ND	5.9						0	0	20	
Bromochloromethane	ND	5.9						0	0	20	
Bromodichloromethane	ND	5.9						0	0	20	
Bromoform	ND	5.9						0	0	20	
Bromomethane	ND	5.9						0	0	20	
Carbon disulfide	ND	5.9						0	0	20	
Carbon tetrachloride	ND	5.9						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

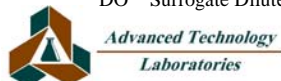
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108345						
Client ID: 1001-101-2-S	Batch ID: T09VS102	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1699954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.9						0	0	20	
Chloroethane	ND	5.9						0	0	20	
Chloroform	ND	5.9						0	0	20	
Chloromethane	ND	5.9						0	0	20	
cis-1,2-Dichloroethene	ND	5.9						0	0	20	
cis-1,3-Dichloropropene	ND	5.9						0	0	20	
Cyclohexanone	ND	59						0	0	20	
Di-isopropyl ether	ND	5.9						0	0	20	
Dibromochloromethane	ND	5.9						0	0	20	
Dibromomethane	ND	5.9						0	0	20	
Dichlorodifluoromethane	ND	5.9						0	0	20	
Ethyl Acetate	ND	59						0	0	20	
Ethyl Ether	ND	59						0	0	20	
Ethyl Tert-butyl ether	ND	5.9						0	0	20	
Ethylbenzene	ND	5.9						0	0	20	
Freon-113	ND	5.9						0	0	20	
Hexachlorobutadiene	ND	5.9						0	0	20	
Iodomethane	ND	5.9						0	0	20	
Isopropylbenzene	ND	5.9						0	0	20	
m,p-Xylene	ND	12						0	0	20	
Methylene chloride	ND	5.9						0	0	20	
MTBE	ND	5.9						0	0	20	
n-Butylbenzene	ND	5.9						0	0	20	
n-Propylbenzene	ND	5.9						0	0	20	
Naphthalene	ND	5.9						0	0	20	
o-Xylene	ND	5.9						0	0	20	
sec-Butylbenzene	ND	5.9						0	0	20	
Styrene	ND	5.9						0	0	20	
Tert-amyl methyl ether	ND	5.9						0	0	20	
Tert-Butanol	ND	120						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

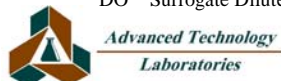
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108345						
Client ID: 1001-101-2-S	Batch ID: T09VS102	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1699954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	5.9						0	0	20	
Tetrachloroethene	7.055	5.9						5.456	25.6	20	R
Toluene	ND	5.9						0	0	20	
trans-1,2-Dichloroethene	ND	5.9						0	0	20	
trans-1,3-Dichloropropene	ND	5.9						0	0	20	
Trichloroethene	ND	5.9						0	0	20	
Trichlorofluoromethane	ND	5.9						0	0	20	
Vinyl acetate	ND	59						0	0	20	
Vinyl chloride	ND	5.9						0	0	20	
Xylenes, Total	ND	18						0	0	20	
Surr: 1,2-Dichloroethane-d4	68.717		59.38		116	68	147		0	20	
Surr: 4-Bromofluorobenzene	59.988		59.38		101	67	127		0	20	
Surr: Dibromofluoromethane	63.587		59.38		107	72	141		0	20	
Surr: Toluene-d8	66.995		59.38		113	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

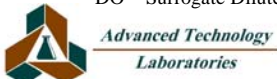
TestCode: 8260_S_5035

Sample ID: T090421LC3		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108371		
Client ID: LCSS		Batch ID: T09VS103		TestNo: EPA 8260B				Analysis Date: 4/21/2009		SeqNo: 1700436		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	50.740	5.0	50.00	0	101	70	130					
Benzene	109.300	5.0	100.0	0	109	70	130					
Chlorobenzene	51.120	5.0	50.00	0	102	70	130					
MTBE	52.700	5.0	50.00	0	105	70	130					
Toluene	113.450	5.0	100.0	0	113	70	130					
Trichloroethene	46.600	5.0	50.00	0	93.2	70	130					
Surr: 1,2-Dichloroethane-d4	52.390		50.00		105	68	147					
Surr: 4-Bromofluorobenzene	52.740		50.00		105	67	127					
Surr: Dibromofluoromethane	55.990		50.00		112	72	141					
Surr: Toluene-d8	59.420		50.00		119	75	120					

Sample ID: T090421MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108371		
Client ID: PBS		Batch ID: T09VS103		TestNo: EPA 8260B				Analysis Date: 4/21/2009		SeqNo: 1700438		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.0										
1,1,1-Trichloroethane	ND	5.0										
1,1,2,2-Tetrachloroethane	ND	5.0										
1,1,2-Trichloroethane	ND	5.0										
1,1-Dichloroethane	ND	5.0										
1,1-Dichloroethene	ND	5.0										
1,1-Dichloropropene	ND	5.0										
1,2,3-Trichlorobenzene	ND	5.0										
1,2,3-Trichloropropane	ND	5.0										
1,2,4-Trichlorobenzene	ND	5.0										
1,2,4-Trimethylbenzene	ND	5.0										
1,2-Dibromo-3-chloropropane	ND	10										
1,2-Dibromoethane	ND	5.0										
1,2-Dichlorobenzene	ND	5.0										
1,2-Dichloroethane	ND	5.0										

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

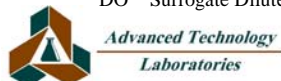
TestCode: 8260_S_5035

Sample ID: T090421MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108371						
Client ID: PBS	Batch ID: T09VS103	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

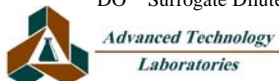
TestCode: 8260_S_5035

Sample ID: T090421MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108371		
Client ID: PBS		Batch ID: T09VS103		TestNo: EPA 8260B		Analysis Date: 4/21/2009		SeqNo: 1700438				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	52.770		50.00		106	68	147					
Surr: 4-Bromofluorobenzene	52.350		50.00		105	67	127					
Surr: Dibromofluoromethane	55.370		50.00		111	72	141					
Surr: Toluene-d8	59.490		50.00		119	75	120					

Sample ID: 105139-005C		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/21/2009		RunNo: 108371		
Client ID: 1001-102-2-S		Batch ID: T09VS103		TestNo: EPA 8260B		Analysis Date: 4/21/2009		SeqNo: 1700449				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	4.8						0	0	20		
1,1,1-Trichloroethane	ND	4.8						0	0	20		
1,1,2,2-Tetrachloroethane	ND	4.8						0	0	20		
1,1,2-Trichloroethane	ND	4.8						0	0	20		
1,1-Dichloroethane	ND	4.8						0	0	20		
1,1-Dichloroethene	ND	4.8						0	0	20		
1,1-Dichloropropene	ND	4.8						0	0	20		
1,2,3-Trichlorobenzene	ND	4.8						0	0	20		
1,2,3-Trichloropropane	ND	4.8						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

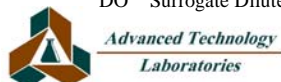
TestCode: 8260_S_5035

Sample ID: 105139-005C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108371
Client ID: 1001-102-2-S	Batch ID: T09VS103	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700449

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	4.8						0	0	20	
1,2,4-Trimethylbenzene	ND	4.8						0	0	20	
1,2-Dibromo-3-chloropropane	ND	9.6						0	0	20	
1,2-Dibromoethane	ND	4.8						0	0	20	
1,2-Dichlorobenzene	ND	4.8						0	0	20	
1,2-Dichloroethane	ND	4.8						0	0	20	
1,2-Dichloropropane	ND	4.8						0	0	20	
1,3,5-Trimethylbenzene	ND	4.8						0	0	20	
1,3-Dichlorobenzene	ND	4.8						0	0	20	
1,3-Dichloropropane	ND	4.8						0	0	20	
1,4-Dichlorobenzene	ND	4.8						0	0	20	
2,2-Dichloropropane	ND	4.8						0	0	20	
2-Butanone	ND	48						0	0	20	
2-Chloroethyl vinyl ether	ND	4.8						0	0	20	
2-Chlorotoluene	ND	4.8						0	0	20	
2-Hexanone	ND	48						0	0	20	
4-Chlorotoluene	ND	4.8						0	0	20	
4-Isopropyltoluene	ND	4.8						0	0	20	
4-Methyl-2-pentanone	ND	48						0	0	20	
Acetone	15.048	48						25.19	0	20	
Acrolein	ND	48						0	0	20	
Acrylonitrile	ND	48						0	0	20	
Benzene	ND	4.8						0	0	20	
Bromobenzene	ND	4.8						0	0	20	
Bromochloromethane	ND	4.8						0	0	20	
Bromodichloromethane	ND	4.8						0	0	20	
Bromoform	ND	4.8						0	0	20	
Bromomethane	ND	4.8						0	0	20	
Carbon disulfide	ND	4.8						0	0	20	
Carbon tetrachloride	ND	4.8						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

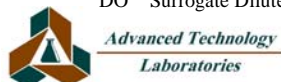
TestCode: 8260_S_5035

Sample ID: 105139-005C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108371
Client ID: 1001-102-2-S	Batch ID: T09VS103	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700449

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	4.8						0	0	20	
Chloroethane	ND	4.8						0	0	20	
Chloroform	ND	4.8						0	0	20	
Chloromethane	ND	4.8						0	0	20	
cis-1,2-Dichloroethene	ND	4.8						0	0	20	
cis-1,3-Dichloropropene	ND	4.8						0	0	20	
Cyclohexanone	ND	48						0	0	20	
Di-isopropyl ether	ND	4.8						0	0	20	
Dibromochloromethane	ND	4.8						0	0	20	
Dibromomethane	ND	4.8						0	0	20	
Dichlorodifluoromethane	ND	4.8						0	0	20	
Ethyl Acetate	ND	48						0	0	20	
Ethyl Ether	ND	48						0	0	20	
Ethyl Tert-butyl ether	ND	4.8						0	0	20	
Ethylbenzene	ND	4.8						0	0	20	
Freon-113	ND	4.8						0	0	20	
Hexachlorobutadiene	ND	4.8						0	0	20	
Iodomethane	ND	4.8						0	0	20	
Isopropylbenzene	ND	4.8						0	0	20	
m,p-Xylene	ND	9.6						0	0	20	
Methylene chloride	ND	4.8						0	0	20	
MTBE	ND	4.8						0	0	20	
n-Butylbenzene	ND	4.8						0	0	20	
n-Propylbenzene	ND	4.8						0	0	20	
Naphthalene	ND	4.8						0	0	20	
o-Xylene	ND	4.8						0	0	20	
sec-Butylbenzene	ND	4.8						0	0	20	
Styrene	ND	4.8						0	0	20	
Tert-amyl methyl ether	ND	4.8						0	0	20	
Tert-Butanol	ND	96						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

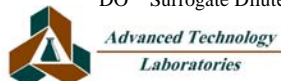
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-005C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108371						
Client ID: 1001-102-2-S	Batch ID: T09VS103	TestNo: EPA 8260B		Analysis Date: 4/21/2009	SeqNo: 1700449						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	4.8						0	0	20	
Tetrachloroethene	14.111	4.8						18.21	25.3	20	
Toluene	ND	4.8						0.7550	0	20	
trans-1,2-Dichloroethene	ND	4.8						0	0	20	
trans-1,3-Dichloropropene	ND	4.8						0	0	20	
Trichloroethene	ND	4.8						3.899	0	20	
Trichlorofluoromethane	ND	4.8						0	0	20	
Vinyl acetate	ND	48						0	0	20	
Vinyl chloride	ND	4.8						0	0	20	
Xylenes, Total	ND	14						0	0	20	
Surr: 1,2-Dichloroethane-d4	53.652		47.80		112	68	147		0	20	
Surr: 4-Bromofluorobenzene	50.172		47.80		105	67	127		0	20	
Surr: Dibromofluoromethane	54.551		47.80		114	72	141		0	20	
Surr: Toluene-d8	55.966		47.80		117	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

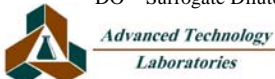
Sample ID: T090422LC1		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108373		
Client ID: LCSS		Batch ID: T09VS104		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1700457		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	50.360	5.0	50.00	0	101	70	130					
Benzene	107.770	5.0	100.0	0	108	70	130					
Chlorobenzene	52.940	5.0	50.00	0	106	70	130					
MTBE	53.080	5.0	50.00	0	106	70	130					
Toluene	112.110	5.0	100.0	0	112	70	130					
Trichloroethene	47.860	5.0	50.00	0	95.7	70	130					
Surr: 1,2-Dichloroethane-d4	48.030		50.00		96.1	68	147					
Surr: 4-Bromofluorobenzene	51.740		50.00		103	67	127					
Surr: Dibromofluoromethane	52.460		50.00		105	72	141					
Surr: Toluene-d8	56.590		50.00		113	75	120					

Sample ID: T090422LC2		SampType: LCSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108373		
Client ID: LCSS02		Batch ID: T09VS104		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1700458		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	50.330	5.0	50.00	0	101	70	130	50.36	0.0596	20		
Benzene	110.730	5.0	100.0	0	111	70	130	107.8	2.71	20		
Chlorobenzene	51.760	5.0	50.00	0	104	70	130	52.94	2.25	20		
MTBE	51.220	5.0	50.00	0	102	70	130	53.08	3.57	20		
Toluene	110.930	5.0	100.0	0	111	70	130	112.1	1.06	20		
Trichloroethene	46.780	5.0	50.00	0	93.6	70	130	47.86	2.28	20		
Surr: 1,2-Dichloroethane-d4	47.530		50.00		95.1	68	147		0	20		
Surr: 4-Bromofluorobenzene	50.730		50.00		101	67	127		0	20		
Surr: Dibromofluoromethane	51.790		50.00		104	72	141		0	20		
Surr: Toluene-d8	56.990		50.00		114	75	120		0	20		

Sample ID: T090422MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108373		
Client ID: PBS		Batch ID: T09VS104		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1701063		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
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ANALYTICAL QC SUMMARY REPORT

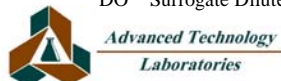
TestCode: 8260_S_5035

Sample ID: T090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108373						
Client ID: PBS	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

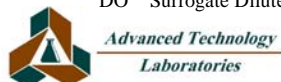
TestCode: 8260_S_5035

Sample ID: T090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108373
Client ID: PBS	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701063

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	46.150		50.00		92.3	68	147				
Surr: 4-Bromofluorobenzene	48.730		50.00		97.5	67	127				
Surr: Dibromofluoromethane	49.160		50.00		98.3	72	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

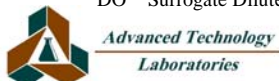
TestCode: 8260_S_5035

Sample ID: T090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108373						
Client ID: PBS	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	55.680		50.00		111	75	120				

Sample ID: 105139-025C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108373						
Client ID: 1001-111-2D-S	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701074						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.4						0	0	20	
1,1,1-Trichloroethane	ND	5.4						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.4						0	0	20	
1,1,2-Trichloroethane	ND	5.4						0	0	20	
1,1-Dichloroethane	ND	5.4						0	0	20	
1,1-Dichloroethene	ND	5.4						0	0	20	
1,1-Dichloropropene	ND	5.4						0	0	20	
1,2,3-Trichlorobenzene	ND	5.4						0	0	20	
1,2,3-Trichloropropane	ND	5.4						0	0	20	
1,2,4-Trichlorobenzene	ND	5.4						0	0	20	
1,2,4-Trimethylbenzene	ND	5.4						0	0	20	
1,2-Dibromo-3-chloropropane	ND	11						0	0	20	
1,2-Dibromoethane	ND	5.4						0	0	20	
1,2-Dichlorobenzene	ND	5.4						0	0	20	
1,2-Dichloroethane	ND	5.4						0	0	20	
1,2-Dichloropropane	ND	5.4						0	0	20	
1,3,5-Trimethylbenzene	ND	5.4						0	0	20	
1,3-Dichlorobenzene	ND	5.4						0	0	20	
1,3-Dichloropropane	ND	5.4						0	0	20	
1,4-Dichlorobenzene	ND	5.4						0	0	20	
2,2-Dichloropropane	ND	5.4						0	0	20	
2-Butanone	ND	5.4						0	0	20	
2-Chloroethyl vinyl ether	ND	5.4						0	0	20	
2-Chlorotoluene	ND	5.4						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

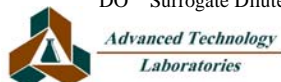
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-025C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108373						
Client ID: 1001-111-2D-S	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701074						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	ND	54						0	0	20	
4-Chlorotoluene	ND	5.4						0	0	20	
4-Isopropyltoluene	ND	5.4						0	0	20	
4-Methyl-2-pentanone	ND	54						0	0	20	
Acetone	18.223	54						21.78	0	20	
Acrolein	ND	54						0	0	20	
Acrylonitrile	ND	54						0	0	20	
Benzene	ND	5.4						0	0	20	
Bromobenzene	ND	5.4						0	0	20	
Bromochloromethane	ND	5.4						0	0	20	
Bromodichloromethane	ND	5.4						0	0	20	
Bromoform	ND	5.4						0	0	20	
Bromomethane	ND	5.4						0	0	20	
Carbon disulfide	ND	5.4						0	0	20	
Carbon tetrachloride	ND	5.4						0	0	20	
Chlorobenzene	ND	5.4						0	0	20	
Chloroethane	ND	5.4						0	0	20	
Chloroform	ND	5.4						0	0	20	
Chloromethane	ND	5.4						0	0	20	
cis-1,2-Dichloroethene	ND	5.4						0	0	20	
cis-1,3-Dichloropropene	ND	5.4						0	0	20	
Cyclohexanone	ND	54						0	0	20	
Di-isopropyl ether	ND	5.4						0	0	20	
Dibromochloromethane	ND	5.4						0	0	20	
Dibromomethane	ND	5.4						0	0	20	
Dichlorodifluoromethane	ND	5.4						0	0	20	
Ethyl Acetate	ND	54						0	0	20	
Ethyl Ether	ND	54						0	0	20	
Ethyl Tert-butyl ether	ND	5.4						0	0	20	
Ethylbenzene	ND	5.4						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

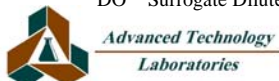
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105139-025C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108373						
Client ID: 1001-111-2D-S	Batch ID: T09VS104	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701074						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	ND	5.4						0	0	20	
Hexachlorobutadiene	ND	5.4						0	0	20	
Iodomethane	ND	5.4						0	0	20	
Isopropylbenzene	ND	5.4						0	0	20	
m,p-Xylene	ND	11						0	0	20	
Methylene chloride	ND	5.4						0	0	20	
MTBE	ND	5.4						0	0	20	
n-Butylbenzene	ND	5.4						0	0	20	
n-Propylbenzene	ND	5.4						0	0	20	
Naphthalene	ND	5.4						0	0	20	
o-Xylene	ND	5.4						0	0	20	
sec-Butylbenzene	ND	5.4						0	0	20	
Styrene	ND	5.4						0	0	20	
Tert-amyl methyl ether	ND	5.4						0	0	20	
Tert-Butanol	ND	110						0	0	20	
tert-Butylbenzene	ND	5.4						0	0	20	
Tetrachloroethene	15.439	5.4						15.17	1.76	20	
Toluene	ND	5.4						0	0	20	
trans-1,2-Dichloroethene	ND	5.4						0	0	20	
trans-1,3-Dichloropropene	ND	5.4						0	0	20	
Trichloroethene	ND	5.4						0	0	20	
Trichlorofluoromethane	ND	5.4						0	0	20	
Vinyl acetate	ND	5.4						0	0	20	
Vinyl chloride	ND	5.4						0	0	20	
Xylenes, Total	ND	16						0	0	20	
Surr: 1,2-Dichloroethane-d4	58.769		53.53		110	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.901		53.53		89.5	67	127		0	20	
Surr: Dibromofluoromethane	59.454		53.53		111	72	141		0	20	
Surr: Toluene-d8	59.561		53.53		111	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

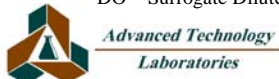
Sample ID: Q090422LCS1	SampType: LCS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: LCSW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701556						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.470	5.0	20.00	0	92.4	70	130				
Benzene	40.010	5.0	40.00	0	100	70	130				
Chlorobenzene	21.630	5.0	20.00	0	108	70	130				
MTBE	19.050	5.0	20.00	0	95.2	70	130				
Toluene	39.710	5.0	40.00	0	99.3	70	130				
Trichloroethene	17.240	5.0	20.00	0	86.2	70	130				
Surr: 1,2-Dichloroethane-d4	20.990		25.00		84.0	70	130				
Surr: 4-Bromofluorobenzene	26.320		25.00		105	70	130				
Surr: Dibromofluoromethane	23.820		25.00		95.3	70	130				
Surr: Toluene-d8	24.220		25.00		96.9	70	130				

Sample ID: Q090422MB2MS	SampType: MS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701557						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.560	5.0	20.00	0	97.8	70	130				
Benzene	39.550	5.0	40.00	0	98.9	70	130				
Chlorobenzene	21.100	5.0	20.00	0	106	70	130				
Toluene	40.570	5.0	40.00	0	101	70	130				
Trichloroethene	17.640	5.0	20.00	0	88.2	70	130				
Surr: 1,2-Dichloroethane-d4	20.900		25.00		83.6	70	130				
Surr: 4-Bromofluorobenzene	26.200		25.00		105	70	130				
Surr: Dibromofluoromethane	23.100		25.00		92.4	70	130				
Surr: Toluene-d8	24.020		25.00		96.1	70	130				

Sample ID: Q090422MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.150	5.0	20.00	0	95.8	70	130	19.56	2.12	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

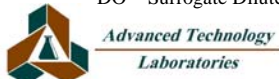
TestCode: 8260_WP

Sample ID: Q090422MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.910	5.0	40.00	0	99.8	70	130	39.55	0.906	20	
Chlorobenzene	20.870	5.0	20.00	0	104	70	130	21.10	1.10	20	
Toluene	39.260	5.0	40.00	0	98.2	70	130	40.57	3.28	20	
Trichloroethene	17.610	5.0	20.00	0	88.0	70	130	17.64	0.170	20	
Surr: 1,2-Dichloroethane-d4	20.310		25.00		81.2	70	130		0	20	
Surr: 4-Bromofluorobenzene	25.510		25.00		102	70	130		0	20	
Surr: Dibromofluoromethane	23.250		25.00		93.0	70	130		0	20	
Surr: Toluene-d8	23.480		25.00		93.9	70	130		0	20	

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

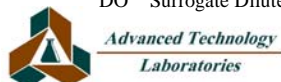
TestCode: 8260_WP

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701559

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

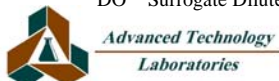
TestCode: 8260_WP

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	22.260		25.00		89.0	70	130				
Surr: 4-Bromofluorobenzene	26.840		25.00		107	70	130				
Surr: Dibromofluoromethane	23.450		25.00		93.8	70	130				
Surr: Toluene-d8	23.280		25.00		93.1	70	130				

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

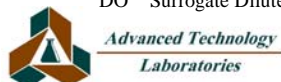
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	5.0						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

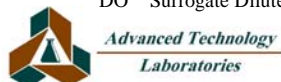
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	23.040		25.00		92.2	70	130		0	20	
Surr: 4-Bromofluorobenzene	27.210		25.00		109	70	130		0	20	
Surr: Dibromofluoromethane	24.600		25.00		98.4	70	130		0	20	
Surr: Toluene-d8	22.910		25.00		91.6	70	130		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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ANALYTICAL QC SUMMARY REPORT

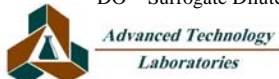
TestCode: 8270_S_FULL

Sample ID: LCS-54881	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: LCSS	Batch ID: 54881	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/21/2009	SeqNo: 1700121						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2936.333	330	3330	0	88.2	61	107				
1,4-Dichlorobenzene	2802.667	330	3330	0	84.2	56	100				
2,4-Dinitrotoluene	3619.667	330	3330	0	109	72	130				
2-Chlorophenol	2981.667	330	3330	0	89.5	64	105				
4-Chloro-3-methylphenol	3605.667	660	3330	0	108	74	125				
4-Nitrophenol	3819.000	1600	3330	0	115	77	137				
Acenaphthene	3265.667	330	3330	0	98.1	63	117				
N-Nitrosodi-n-propylamine	3241.667	330	3330	0	97.3	71	121				
Pentachlorophenol	3292.000	1600	3330	0	98.9	69	125				
Phenol	3106.000	330	3330	0	93.3	67	111				
Pyrene	3491.667	330	3330	0	105	60	122				
Surr: 1,2-Dichlorobenzene-d4	2730.333		3330		82.0	49	103				
Surr: 2,4,6-Tribromophenol	3380.333		3330		102	47	129				
Surr: 2-Chlorophenol-d4	2842.000		3330		85.3	54	109				
Surr: 2-Fluorobiphenyl	3087.667		3330		92.7	59	108				
Surr: 2-Fluorophenol	2744.000		3330		82.4	50	111				
Surr: 4-Terphenyl-d14	3419.333		3330		103	58	135				
Surr: Nitrobenzene-d5	2846.000		3330		85.5	54	115				
Surr: Phenol-d5	2896.667		3330		87.0	58	112				

Sample ID: MB-54881MS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: ZZZZZ	Batch ID: 54881	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/21/2009	SeqNo: 1700122						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3065.333	330	3330	0	92.1	60	105				
1,4-Dichlorobenzene	2868.000	330	3330	0	86.1	50	99				
2,4-Dinitrotoluene	3752.000	330	3330	0	113	70	130				
2-Chlorophenol	3056.000	330	3330	0	91.8	58	107				
4-Chloro-3-methylphenol	3656.667	660	3330	0	110	72	124				
4-Nitrophenol	3899.667	1600	3330	0	117	69	139				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

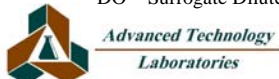
TestCode: 8270_S_FULL

Sample ID: MB-54881MS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: ZZZZZ	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/21/2009	SeqNo: 1700122						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	3416.667	330	3330	0	103	59	118				
N-Nitrosodi-n-propylamine	3268.000	330	3330	0	98.1	61	125				
Pentachlorophenol	3408.333	1600	3330	0	102	56	131				
Phenol	3179.667	330	3330	0	95.5	60	113				
Pyrene	3567.333	330	3330	0	107	51	130				
Surr: 1,2-Dichlorobenzene-d4	2818.000		3330		84.6	49	103				
Surr: 2,4,6-Tribromophenol	3549.667		3330		107	47	129				
Surr: 2-Chlorophenol-d4	2932.000		3330		88.0	54	109				
Surr: 2-Fluorobiphenyl	3239.000		3330		97.3	59	108				
Surr: 2-Fluorophenol	2821.000		3330		84.7	50	111				
Surr: 4-Terphenyl-d14	3521.333		3330		106	58	135				
Surr: Nitrobenzene-d5	2933.333		3330		88.1	54	115				
Surr: Phenol-d5	2984.667		3330		89.6	58	112				

Sample ID: MB-54881MSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: ZZZZZ	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/21/2009	SeqNo: 1700123						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3091.333	330	3330	0	92.8	60	105	3065	0.845	20	
1,4-Dichlorobenzene	2909.333	330	3330	0	87.4	50	99	2868	1.43	20	
2,4-Dinitrotoluene	3985.333	330	3330	0	120	70	130	3752	6.03	20	
2-Chlorophenol	3128.000	330	3330	0	93.9	58	107	3056	2.33	20	
4-Chloro-3-methylphenol	3817.667	660	3330	0	115	72	124	3657	4.31	20	
4-Nitrophenol	4132.333	1600	3330	0	124	69	139	3900	5.79	20	
Acenaphthene	3536.667	330	3330	0	106	59	118	3417	3.45	20	
N-Nitrosodi-n-propylamine	3309.000	330	3330	0	99.4	61	125	3268	1.25	20	
Pentachlorophenol	3692.333	1600	3330	0	111	56	131	3408	8.00	20	
Phenol	3247.333	330	3330	0	97.5	60	113	3180	2.11	20	
Pyrene	3835.667	330	3330	0	115	51	130	3567	7.25	20	
Surr: 1,2-Dichlorobenzene-d4	2800.000		3330		84.1	49	103		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

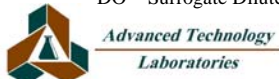
TestCode: 8270_S_FULL

Sample ID: MB-54881MSD		SampType: MSD		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/21/2009		RunNo: 108355	
Client ID: ZZZZZZ		Batch ID: 54881		TestNo: EPA 8270C EPA 3550B				Analysis Date: 4/21/2009		SeqNo: 1700123	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	3725.333		3330		112	47	129		0	0	
Surr: 2-Chlorophenol-d4	2927.333		3330		87.9	54	109		0	0	
Surr: 2-Fluorobiphenyl	3268.667		3330		98.2	59	108		0	0	
Surr: 2-Fluorophenol	2791.667		3330		83.8	50	111		0	0	
Surr: 4-Terphenyl-d14	3700.000		3330		111	58	135		0	0	
Surr: Nitrobenzene-d5	2910.000		3330		87.4	54	115		0	0	
Surr: Phenol-d5	2998.667		3330		90.1	58	112		0	0	

Sample ID: 105147-005ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/21/2009		RunNo: 108355	
Client ID: ZZZZZZ		Batch ID: 54881		TestNo: EPA 8270C EPA 3550B				Analysis Date: 4/21/2009		SeqNo: 1700132	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	820						0	0	20	
1,2-Dichlorobenzene	ND	820						0	0	20	
1,3-Dichlorobenzene	ND	820						0	0	20	
1,4-Dichlorobenzene	ND	820						0	0	20	
2,4,5-Trichlorophenol	ND	820						0	0	20	
2,4,6-Trichlorophenol	ND	820						0	0	20	
2,4-Dichlorophenol	ND	4100						0	0	20	
2,4-Dimethylphenol	ND	820						0	0	20	
2,4-Dinitrophenol	ND	4100						0	0	20	
2,4-Dinitrotoluene	ND	820						0	0	20	
2,6-Dinitrotoluene	ND	820						0	0	20	
2-Chloronaphthalene	ND	820						0	0	20	
2-Chlorophenol	ND	820						0	0	20	
2-Methylnaphthalene	ND	820						0	0	20	
2-Methylphenol	ND	820						0	0	20	
2-Nitroaniline	ND	4100						0	0	20	
2-Nitrophenol	ND	820						0	0	20	
3,3'-Dichlorobenzidine	ND	1600						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

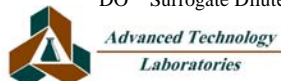
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105147-005ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: ZZZZZZ	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/21/2009	SeqNo: 1700132						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
3-Nitroaniline	ND	4100						0	0	20	
4,6-Dinitro-2-methylphenol	ND	4100						0	0	20	
4-Bromophenyl-phenylether	ND	820						0	0	20	
4-Chloro-3-methylphenol	ND	1600						0	0	20	
4-Chloroaniline	ND	1600						0	0	20	
4-Chlorophenyl-phenylether	ND	820						0	0	20	
4-Methylphenol	ND	820						0	0	20	
4-Nitroaniline	ND	4100						0	0	20	
4-Nitrophenol	ND	4100						0	0	20	
Acenaphthene	ND	820						0	0	20	
Acenaphthylene	ND	820						0	0	20	
Anthracene	ND	820						0	0	20	
Benzdine (M)	ND	4100						0	0	20	
Benzo(a)anthracene	ND	820						0	0	20	
Benzo(a)pyrene	ND	820						0	0	20	
Benzo(b)fluoranthene	ND	820						0	0	20	
Benzo(g,h,i)perylene	ND	820						0	0	20	
Benzo(k)fluoranthene	ND	820						0	0	20	
Benzoic acid	ND	4100						0	0	20	
Benzyl alcohol	ND	1600						0	0	20	
Bis(2-chloroethoxy)methane	ND	820						0	0	20	
Bis(2-chloroethyl)ether	ND	820						0	0	20	
Bis(2-chloroisopropyl)ether	ND	820						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	820						0	0	20	
Butylbenzylphthalate	ND	820						0	0	20	
Chrysene	ND	820						0	0	20	
Di-n-butylphthalate	ND	820						0	0	20	
Di-n-octylphthalate	ND	820						0	0	20	
Dibenz(a,h)anthracene	ND	820						0	0	20	
Dibenzofuran	ND	820						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

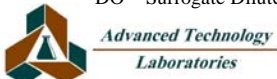
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105147-005ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: ZZZZZ	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/21/2009	SeqNo: 1700132						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylphthalate	ND	820						0	0	20	
Dimethylphthalate	ND	820						0	0	20	
Fluoranthene	ND	820						0	0	20	
Fluorene	ND	820						0	0	20	
Hexachlorobenzene	ND	820						0	0	20	
Hexachlorobutadiene	ND	1600						0	0	20	
Hexachlorocyclopentadiene	ND	1600						0	0	20	
Hexachloroethane	ND	820						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	820						0	0	20	
Isophorone	ND	820						0	0	20	
N-Nitrosodi-n-propylamine	ND	820						0	0	20	
N-Nitrosodiphenylamine	ND	820						0	0	20	
Naphthalene	ND	820						0	0	20	
Nitrobenzene	ND	820						0	0	20	
Pentachlorophenol	ND	4100						0	0	20	
Phenanthrene	ND	820						0	0	20	
Phenol	ND	820						0	0	20	
Pyrene	ND	820						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2294.167		3330		68.9	49	103		0	0	
Surr: 2,4,6-Tribromophenol	2442.500		3330		73.3	47	129		0	0	
Surr: 2-Chlorophenol-d4	2540.000		3330		76.3	54	109		0	0	
Surr: 2-Fluorobiphenyl	2686.667		3330		80.7	59	108		0	0	
Surr: 2-Fluorophenol	2519.167		3330		75.7	50	111		0	0	
Surr: 4-Terphenyl-d14	3462.500		3330		104	58	135		0	0	
Surr: Nitrobenzene-d5	2531.667		3330		76.0	54	115		0	0	
Surr: Phenol-d5	2673.333		3330		80.3	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

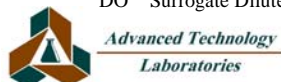
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54881	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: PBS	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

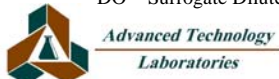
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54881	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: PBS	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Project: 207126015

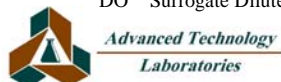
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54881	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/21/2009	RunNo: 108355						
Client ID: PBS	Batch ID: 54881	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	3136.000		3330		94.2	49	103				
Surr: 2,4,6-Tribromophenol	3266.333		3330		98.1	47	129				
Surr: 2-Chlorophenol-d4	3355.333		3330		101	54	109				
Surr: 2-Fluorobiphenyl	3330.000		3330		100	59	108				
Surr: 2-Fluorophenol	3277.000		3330		98.4	50	111				
Surr: 4-Terphenyl-d14	4130.333		3330		124	58	135				
Surr: Nitrobenzene-d5	3288.000		3330		98.7	54	115				
Surr: Phenol-d5	3429.000		3330		103	58	112				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

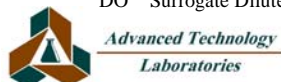
TestCode: 8270_S_FULL

Sample ID: MB-54911	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393
Client ID: PBS	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700627

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

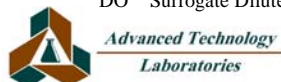
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54911	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: PBS	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

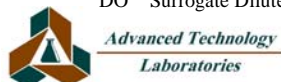
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Sample ID: MB-54911	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: PBS	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	3010.667		3330		90.4	49	103				
Surr: 2,4,6-Tribromophenol	3130.667		3330		94.0	47	129				
Surr: 2-Chlorophenol-d4	3173.000		3330		95.3	54	109				
Surr: 2-Fluorobiphenyl	3230.000		3330		97.0	59	108				
Surr: 2-Fluorophenol	3152.667		3330		94.7	50	111				
Surr: 4-Terphenyl-d14	3903.667		3330		117	58	135				
Surr: Nitrobenzene-d5	3125.333		3330		93.9	54	115				
Surr: Phenol-d5	3288.000		3330		98.7	58	112				

Sample ID: LCS-54911	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: LCSS	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700628						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3009.667	330	3330	0	90.4	61	107				
1,4-Dichlorobenzene	2822.000	330	3330	0	84.7	56	100				
2,4-Dinitrotoluene	3866.667	330	3330	0	116	72	130				
2-Chlorophenol	3024.333	330	3330	0	90.8	64	105				
4-Chloro-3-methylphenol	3779.333	660	3330	0	113	74	125				
4-Nitrophenol	4169.667	1600	3330	0	125	77	137				
Acenaphthene	3446.333	330	3330	0	103	63	117				
N-Nitrosodi-n-propylamine	3285.667	330	3330	0	98.7	71	121				
Pentachlorophenol	3500.667	1600	3330	0	105	69	125				
Phenol	3170.667	330	3330	0	95.2	67	111				
Pyrene	3671.333	330	3330	0	110	60	122				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

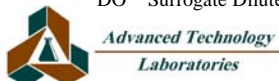
TestCode: 8270_S_FULL

Sample ID: LCS-54911	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: LCSS	Batch ID: 54911	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700628						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	2722.000		3330		81.7	49	103				
Surr: 2,4,6-Tribromophenol	3637.000		3330		109	47	129				
Surr: 2-Chlorophenol-d4	2846.333		3330		85.5	54	109				
Surr: 2-Fluorobiphenyl	3151.333		3330		94.6	59	108				
Surr: 2-Fluorophenol	2714.667		3330		81.5	50	111				
Surr: 4-Terphenyl-d14	3446.667		3330		104	58	135				
Surr: Nitrobenzene-d5	2836.667		3330		85.2	54	115				
Surr: Phenol-d5	2892.333		3330		86.9	58	112				

Sample ID: 105139-008AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: 1001-102-20-S	Batch ID: 54911	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3107.302	330	3330	0	93.3	60	105				
1,4-Dichlorobenzene	2892.971	330	3330	0	86.9	50	99				
2,4-Dinitrotoluene	3820.628	330	3330	0	115	70	130				
2-Chlorophenol	3280.634	330	3330	0	98.5	58	107				
4-Chloro-3-methylphenol	3773.296	660	3330	0	113	72	124				
4-Nitrophenol	4016.960	1600	3330	0	121	69	139				
Acenaphthene	3350.300	330	3330	0	101	59	118				
N-Nitrosodi-n-propylamine	3368.300	330	3330	0	101	61	125				
Pentachlorophenol	3320.300	1600	3330	0	99.7	56	131				
Phenol	3397.633	330	3330	0	102	60	113				
Pyrene	3668.297	330	3330	0	110	51	130				
Surr: 1,2-Dichlorobenzene-d4	2808.305		3330		84.3	49	103				
Surr: 2,4,6-Tribromophenol	3520.631		3330		106	47	129				
Surr: 2-Chlorophenol-d4	3041.970		3330		91.4	54	109				
Surr: 2-Fluorobiphenyl	3240.301		3330		97.3	59	108				
Surr: 2-Fluorophenol	2936.637		3330		88.2	50	111				
Surr: 4-Terphenyl-d14	3391.299		3330		102	58	135				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

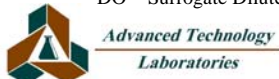
TestCode: 8270_S_FULL

Sample ID: 105139-008AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: 1001-102-20-S	Batch ID: 54911	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	2897.971		3330		87.0	54	115				
Surr: Phenol-d5	3115.969		3330		93.6	58	112				

Sample ID: 105139-008AMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: 1001-102-20-S	Batch ID: 54911	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700630						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3298.634	330	3330	0	99.1	60	105	3107	5.97	20	
1,4-Dichlorobenzene	3030.970	330	3330	0	91.0	50	99	2893	4.66	20	
2,4-Dinitrotoluene	3952.294	330	3330	0	119	70	130	3821	3.39	20	
2-Chlorophenol	3474.299	330	3330	0	104	58	107	3281	5.73	20	
4-Chloro-3-methylphenol	3916.961	660	3330	0	118	72	124	3773	3.74	20	
4-Nitrophenol	4076.959	1600	3330	0	122	69	139	4017	1.48	20	
Acenaphthene	3550.298	330	3330	0	107	59	118	3350	5.80	20	
N-Nitrosodi-n-propylamine	3491.632	330	3330	0	105	61	125	3368	3.60	20	
Pentachlorophenol	3449.632	1600	3330	0	104	56	131	3320	3.82	20	
Phenol	3549.298	330	3330	0	107	60	113	3398	4.37	20	
Pyrene	3757.296	330	3330	0	113	51	130	3668	2.40	20	
Surr: 1,2-Dichlorobenzene-d4	2942.637		3330		88.4	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3588.297		3330		108	47	129		0	0	
Surr: 2-Chlorophenol-d4	3171.302		3330		95.2	54	109		0	0	
Surr: 2-Fluorobiphenyl	3351.966		3330		101	59	108		0	0	
Surr: 2-Fluorophenol	3067.636		3330		92.1	50	111		0	0	
Surr: 4-Terphenyl-d14	3508.298		3330		105	58	135		0	0	
Surr: Nitrobenzene-d5	3064.636		3330		92.0	54	115		0	0	
Surr: Phenol-d5	3247.968		3330		97.5	58	112		0	0	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

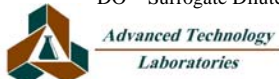
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-010ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108393		
Client ID: 1001-112-5-S		Batch ID: 54911		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009		SeqNo: 1700642				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,2,4-Trichlorobenzene	ND	330						0	0	20		
1,2-Dichlorobenzene	ND	330						0	0	20		
1,2-Diphenylhydrazine	ND	330						0	0	20		
1,3-Dichlorobenzene	ND	330						0	0	20		
1,4-Dichlorobenzene	ND	330						0	0	20		
1,4-Dioxane	ND	330						0	0	20		
2,4,5-Trichlorophenol	ND	330						0	0	20		
2,4,6-Trichlorophenol	ND	330						0	0	20		
2,4-Dichlorophenol	ND	1600						0	0	20		
2,4-Dimethylphenol	ND	330						0	0	20		
2,4-Dinitrophenol	ND	1600						0	0	20		
2,4-Dinitrotoluene	ND	330						0	0	20		
2,6-Dinitrotoluene	ND	330						0	0	20		
2-Chloronaphthalene	ND	330						0	0	20		
2-Chlorophenol	ND	330						0	0	20		
2-Methylnaphthalene	ND	330						0	0	20		
2-Methylphenol	ND	330						0	0	20		
2-Nitroaniline	ND	1600						0	0	20		
2-Nitrophenol	ND	330						0	0	20		
3,3'-Dichlorobenzidine	ND	660						0	0	20		
3-Nitroaniline	ND	1600						0	0	20		
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20		
4-Bromophenyl-phenylether	ND	330						0	0	20		
4-Chloro-3-methylphenol	ND	660						0	0	20		
4-Chloroaniline	ND	660						0	0	20		
4-Chlorophenyl-phenylether	ND	330						0	0	20		
3/4-Methylphenol	ND	330						0	0	20		
4-Methylphenol	ND	330						0	0	20		
4-Nitroaniline	ND	1600						0	0	20		
4-Nitrophenol	ND	1600						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

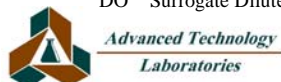
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-010ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: 1001-112-5-S	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700642						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Aniline	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	
Benidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Carbazole	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

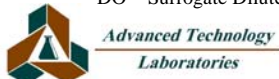
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-010ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108393						
Client ID: 1001-112-5-S	Batch ID: 54911	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700642						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodimethylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						228.0	0	20	
Pyrene	ND	330						0	0	20	
Pyridine	ND	1600						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2483.309		3330		74.6	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3059.969		3330		91.9	47	129		0	0	
Surr: 2-Chlorophenol-d4	2912.304		3330		87.5	54	109		0	0	
Surr: 2-Fluorobiphenyl	2997.637		3330		90.0	59	108		0	0	
Surr: 2-Fluorophenol	2859.305		3330		85.9	50	111		0	0	
Surr: 4-Terphenyl-d14	3777.296		3330		113	58	135		0	0	
Surr: Nitrobenzene-d5	2683.973		3330		80.6	54	115		0	0	
Surr: Phenol-d5	3045.970		3330		91.5	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

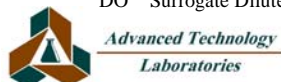
TestCode: 8270_S_FULL

Sample ID: MB-54912	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395
Client ID: PBS	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

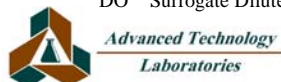
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54912	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: PBS	Batch ID: 54912	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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ANALYTICAL QC SUMMARY REPORT

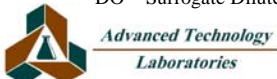
TestCode: 8270_S_FULL

Sample ID: MB-54912	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: PBS	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	3048.000		3330		91.5	49	103				
Surr: 2,4,6-Tribromophenol	3018.333		3330		90.6	47	129				
Surr: 2-Chlorophenol-d4	3208.333		3330		96.3	54	109				
Surr: 2-Fluorobiphenyl	3244.333		3330		97.4	59	108				
Surr: 2-Fluorophenol	3165.000		3330		95.0	50	111				
Surr: 4-Terphenyl-d14	3972.333		3330		119	58	135				
Surr: Nitrobenzene-d5	3157.000		3330		94.8	54	115				
Surr: Phenol-d5	3283.000		3330		98.6	58	112				

Sample ID: LCS-54912	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: LCSS	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700649						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3027.667	330	3330	0	90.9	61	107				
1,4-Dichlorobenzene	2843.667	330	3330	0	85.4	56	100				
2,4-Dinitrotoluene	3865.667	330	3330	0	116	72	130				
2-Chlorophenol	3043.667	330	3330	0	91.4	64	105				
4-Chloro-3-methylphenol	3797.667	660	3330	0	114	74	125				
4-Nitrophenol	4054.667	1600	3330	0	122	77	137				
Acenaphthene	3368.667	330	3330	0	101	63	117				
N-Nitrosodi-n-propylamine	3281.333	330	3330	0	98.5	71	121				
Pentachlorophenol	3477.000	1600	3330	0	104	69	125				
Phenol	3205.000	330	3330	0	96.2	67	111				
Pyrene	3715.000	330	3330	0	112	60	122				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

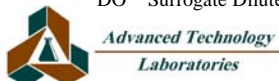
TestCode: 8270_S_FULL

Sample ID: LCS-54912	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: LCSS	Batch ID: 54912	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700649						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	2744.667		3330		82.4	49	103				
Surr: 2,4,6-Tribromophenol	3524.000		3330		106	47	129				
Surr: 2-Chlorophenol-d4	2851.667		3330		85.6	54	109				
Surr: 2-Fluorobiphenyl	3077.667		3330		92.4	59	108				
Surr: 2-Fluorophenol	2751.667		3330		82.6	50	111				
Surr: 4-Terphenyl-d14	3483.333		3330		105	58	135				
Surr: Nitrobenzene-d5	2841.667		3330		85.3	54	115				
Surr: Phenol-d5	2922.000		3330		87.7	58	112				

Sample ID: 105139-016AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: 1001-103-20-S	Batch ID: 54912	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/22/2009	SeqNo: 1700650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3353.300	330	3330	0	101	60	105				
1,4-Dichlorobenzene	3067.969	330	3330	0	92.1	50	99				
2,4-Dinitrotoluene	4068.293	330	3330	0	122	70	130				
2-Chlorophenol	3516.632	330	3330	0	106	58	107				
4-Chloro-3-methylphenol	4054.293	660	3330	0	122	72	124				
4-Nitrophenol	4252.624	1600	3330	0	128	69	139				
Acenaphthene	3628.630	330	3330	0	109	59	118				
N-Nitrosodi-n-propylamine	3617.630	330	3330	0	109	61	125				
Pentachlorophenol	3614.964	1600	3330	0	109	56	131				
Phenol	3687.963	330	3330	98.67	108	60	113				
Pyrene	3912.628	330	3330	0	117	51	130				
Surr: 1,2-Dichlorobenzene-d4	2992.303		3330		89.9	49	103				
Surr: 2,4,6-Tribromophenol	3816.295		3330		115	47	129				
Surr: 2-Chlorophenol-d4	3292.967		3330		98.9	54	109				
Surr: 2-Fluorobiphenyl	3466.632		3330		104	59	108				
Surr: 2-Fluorophenol	3141.969		3330		94.4	50	111				
Surr: 4-Terphenyl-d14	3663.963		3330		110	58	135				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

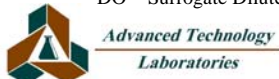
TestCode: 8270_S_FULL

Sample ID: 105139-016AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: 1001-103-20-S	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	3137.302		3330		94.2	54	115				
Surr: Phenol-d5	3360.966		3330		101	58	112				

Sample ID: 105139-016AMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: 1001-103-20-S	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/22/2009	SeqNo: 1700651						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3256.967	330	3330	0	97.8	60	105	3353	2.91	20	
1,4-Dichlorobenzene	3030.636	330	3330	0	91.0	50	99	3068	1.22	20	
2,4-Dinitrotoluene	3938.294	330	3330	0	118	70	130	4068	3.25	20	
2-Chlorophenol	3479.965	330	3330	0	105	58	107	3517	1.05	20	
4-Chloro-3-methylphenol	3967.294	660	3330	0	119	72	124	4054	2.17	20	
4-Nitrophenol	4055.626	1600	3330	0	122	69	139	4253	4.74	20	
Acenaphthene	3528.631	330	3330	0	106	59	118	3629	2.79	20	
N-Nitrosodi-n-propylamine	3501.965	330	3330	0	105	61	125	3618	3.25	20	
Pentachlorophenol	3518.298	1600	3330	0	106	56	131	3615	2.71	20	
Phenol	3624.297	330	3330	98.67	106	60	113	3688	1.74	20	
Pyrene	3757.962	330	3330	0	113	51	130	3913	4.03	20	
Surr: 1,2-Dichlorobenzene-d4	2947.971		3330		88.5	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3661.630		3330		110	47	129		0	0	
Surr: 2-Chlorophenol-d4	3196.968		3330		96.0	54	109		0	0	
Surr: 2-Fluorobiphenyl	3421.299		3330		103	59	108		0	0	
Surr: 2-Fluorophenol	3089.636		3330		92.8	50	111		0	0	
Surr: 4-Terphenyl-d14	3636.297		3330		109	58	135		0	0	
Surr: Nitrobenzene-d5	3051.969		3330		91.7	54	115		0	0	
Surr: Phenol-d5	3293.634		3330		98.9	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

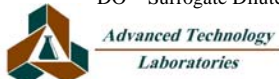
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-018ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108395		
Client ID: 1001-104-5-S		Batch ID: 54912		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1700656				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,2,4-Trichlorobenzene	ND	330						0	0	20		
1,2-Dichlorobenzene	ND	330						0	0	20		
1,2-Diphenylhydrazine	ND	330						0	0	20		
1,3-Dichlorobenzene	ND	330						0	0	20		
1,4-Dichlorobenzene	ND	330						0	0	20		
1,4-Dioxane	ND	330						0	0	20		
2,4,5-Trichlorophenol	ND	330						0	0	20		
2,4,6-Trichlorophenol	ND	330						0	0	20		
2,4-Dichlorophenol	ND	1600						0	0	20		
2,4-Dimethylphenol	ND	330						0	0	20		
2,4-Dinitrophenol	ND	1600						0	0	20		
2,4-Dinitrotoluene	ND	330						0	0	20		
2,6-Dinitrotoluene	ND	330						0	0	20		
2-Chloronaphthalene	ND	330						0	0	20		
2-Chlorophenol	ND	330						0	0	20		
2-Methylnaphthalene	ND	330						0	0	20		
2-Methylphenol	ND	330						0	0	20		
2-Nitroaniline	ND	1600						0	0	20		
2-Nitrophenol	ND	330						0	0	20		
3,3'-Dichlorobenzidine	ND	660						0	0	20		
3-Nitroaniline	ND	1600						0	0	20		
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20		
4-Bromophenyl-phenylether	ND	330						0	0	20		
4-Chloro-3-methylphenol	ND	660						0	0	20		
4-Chloroaniline	ND	660						0	0	20		
4-Chlorophenyl-phenylether	ND	330						0	0	20		
3/4-Methylphenol	ND	330						0	0	20		
4-Methylphenol	ND	330						0	0	20		
4-Nitroaniline	ND	1600						0	0	20		
4-Nitrophenol	ND	1600						0	0	20		

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

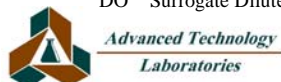
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-018ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108395	
Client ID: 1001-104-5-S		Batch ID: 54912		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1700656			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Aniline	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	
Benzidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Carbazole	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

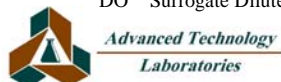
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-018ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108395						
Client ID: 1001-104-5-S	Batch ID: 54912	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1700656						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodimethylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						151.3	0	20	
Pyrene	ND	330						0	0	20	
Pyridine	ND	1600						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2407.309		3330		72.3	49	103		0	0	
Surr: 2,4,6-Tribromophenol	2823.638		3330		84.8	47	129		0	0	
Surr: 2-Chlorophenol-d4	2742.306		3330		82.4	54	109		0	0	
Surr: 2-Fluorobiphenyl	2820.305		3330		84.7	59	108		0	0	
Surr: 2-Fluorophenol	2721.973		3330		81.7	50	111		0	0	
Surr: 4-Terphenyl-d14	3691.296		3330		111	58	135		0	0	
Surr: Nitrobenzene-d5	2615.641		3330		78.5	54	115		0	0	
Surr: Phenol-d5	2881.638		3330		86.5	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

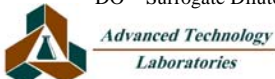
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

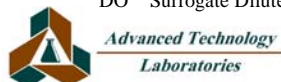
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

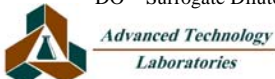
TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2937.667		3330		88.2	49	103				
Surr: 2,4,6-Tribromophenol	2628.000		3330		78.9	47	129				
Surr: 2-Chlorophenol-d4	3056.333		3330		91.8	54	109				
Surr: 2-Fluorobiphenyl	3235.667		3330		97.2	59	108				
Surr: 2-Fluorophenol	3030.333		3330		91.0	50	111				
Surr: 4-Terphenyl-d14	4446.000		3330		134	58	135				
Surr: Nitrobenzene-d5	3080.000		3330		92.5	54	115				
Surr: Phenol-d5	3089.333		3330		92.8	58	112				

Sample ID: LCS-54926	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: LCSS	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3240.000	330	3330	0	97.3	61	107				
1,4-Dichlorobenzene	3026.333	330	3330	0	90.9	56	100				
2,4-Dinitrotoluene	3481.333	330	3330	0	105	72	130				
2-Chlorophenol	3200.333	330	3330	0	96.1	64	105				
4-Chloro-3-methylphenol	3658.667	660	3330	0	110	74	125				
4-Nitrophenol	3501.000	1600	3330	0	105	77	137				
Acenaphthene	3461.333	330	3330	0	104	63	117				
N-Nitrosodi-n-propylamine	3391.000	330	3330	0	102	71	121				
Pentachlorophenol	3145.333	1600	3330	0	94.5	69	125				
Phenol	3324.333	330	3330	0	99.8	67	111				
Pyrene	3285.000	330	3330	0	98.6	60	122				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

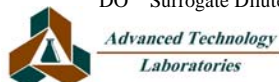
TestCode: 8270_S_FULL

Sample ID: LCS-54926	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: LCSS	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	2959.667		3330		88.9	49	103				
Surr: 2,4,6-Tribromophenol	3157.333		3330		94.8	47	129				
Surr: 2-Chlorophenol-d4	3033.000		3330		91.1	54	109				
Surr: 2-Fluorobiphenyl	3492.667		3330		105	59	108				
Surr: 2-Fluorophenol	2880.333		3330		86.5	50	111				
Surr: 4-Terphenyl-d14	3647.333		3330		110	58	135				
Surr: Nitrobenzene-d5	3123.333		3330		93.8	54	115				
Surr: Phenol-d5	3064.000		3330		92.0	58	112				

Sample ID: 105139-032AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: 1001-104-20-S	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3219.667	330	3330	0	96.7	60	105				
1,4-Dichlorobenzene	2879.000	330	3330	0	86.5	50	99				
2,4-Dinitrotoluene	3671.000	330	3330	0	110	70	130				
2-Chlorophenol	3339.000	330	3330	0	100	58	107				
4-Chloro-3-methylphenol	3749.333	660	3330	0	113	72	124				
4-Nitrophenol	3638.000	1600	3330	0	109	69	139				
Acenaphthene	3465.000	330	3330	0	104	59	118				
N-Nitrosodi-n-propylamine	3387.000	330	3330	0	102	61	125				
Pentachlorophenol	3142.667	1600	3330	0	94.4	56	131				
Phenol	3426.667	330	3330	178.3	97.5	60	113				
Pyrene	3380.333	330	3330	0	102	51	130				
Surr: 1,2-Dichlorobenzene-d4	2819.000		3330		84.7	49	103				
Surr: 2,4,6-Tribromophenol	3317.333		3330		99.6	47	129				
Surr: 2-Chlorophenol-d4	3081.667		3330		92.5	54	109				
Surr: 2-Fluorobiphenyl	3489.667		3330		105	59	108				
Surr: 2-Fluorophenol	2946.000		3330		88.5	50	111				
Surr: 4-Terphenyl-d14	3944.333		3330		118	58	135				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

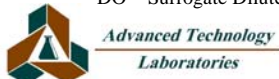
TestCode: 8270_S_FULL

Sample ID: 105139-032AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: 1001-104-20-S	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	3004.000		3330		90.2	54	115				
Surr: Phenol-d5	3121.667		3330		93.7	58	112				

Sample ID: 105139-032AMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: 1001-104-20-S	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701108						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3298.000	330	3330	0	99.0	60	105	3220	2.40	20	
1,4-Dichlorobenzene	2945.000	330	3330	0	88.4	50	99	2879	2.27	20	
2,4-Dinitrotoluene	3692.000	330	3330	0	111	70	130	3671	0.570	20	
2-Chlorophenol	3359.667	330	3330	0	101	58	107	3339	0.617	20	
4-Chloro-3-methylphenol	3783.000	660	3330	0	114	72	124	3749	0.894	20	
4-Nitrophenol	3638.333	1600	3330	0	109	69	139	3638	0.00916	20	
Acenaphthene	3527.000	330	3330	0	106	59	118	3465	1.77	20	
N-Nitrosodi-n-propylamine	3397.333	330	3330	0	102	61	125	3387	0.305	20	
Pentachlorophenol	3167.333	1600	3330	0	95.1	56	131	3143	0.782	20	
Phenol	3446.000	330	3330	178.3	98.1	60	113	3427	0.563	20	
Pyrene	3407.667	330	3330	0	102	51	130	3380	0.805	20	
Surr: 1,2-Dichlorobenzene-d4	2867.667		3330		86.1	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3360.333		3330		101	47	129		0	0	
Surr: 2-Chlorophenol-d4	3124.000		3330		93.8	54	109		0	0	
Surr: 2-Fluorobiphenyl	3515.000		3330		106	59	108		0	0	
Surr: 2-Fluorophenol	2987.333		3330		89.7	50	111		0	0	
Surr: 4-Terphenyl-d14	3971.000		3330		119	58	135		0	0	
Surr: Nitrobenzene-d5	3117.667		3330		93.6	54	115		0	0	
Surr: Phenol-d5	3163.000		3330		95.0	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

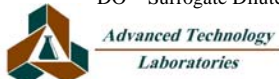
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108422	
Client ID: 1001-111-10-S		Batch ID: 54926		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702819			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330						0	0	20	
1,2-Dichlorobenzene	ND	330						0	0	20	
1,2-Diphenylhydrazine	ND	330						0	0	20	
1,3-Dichlorobenzene	ND	330						0	0	20	
1,4-Dichlorobenzene	ND	330						0	0	20	
1,4-Dioxane	ND	330						0	0	20	
2,4,5-Trichlorophenol	ND	330						0	0	20	
2,4,6-Trichlorophenol	ND	330						0	0	20	
2,4-Dichlorophenol	ND	1600						0	0	20	
2,4-Dimethylphenol	ND	330						0	0	20	
2,4-Dinitrophenol	ND	1600						0	0	20	
2,4-Dinitrotoluene	ND	330						0	0	20	
2,6-Dinitrotoluene	ND	330						0	0	20	
2-Chloronaphthalene	ND	330						0	0	20	
2-Chlorophenol	ND	330						0	0	20	
2-Methylnaphthalene	ND	330						0	0	20	
2-Methylphenol	ND	330						0	0	20	
2-Nitroaniline	ND	1600						0	0	20	
2-Nitrophenol	ND	330						0	0	20	
3,3'-Dichlorobenzidine	ND	660						0	0	20	
3-Nitroaniline	ND	1600						0	0	20	
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20	
4-Bromophenyl-phenylether	ND	330						0	0	20	
4-Chloro-3-methylphenol	ND	660						0	0	20	
4-Chloroaniline	ND	660						0	0	20	
4-Chlorophenyl-phenylether	ND	330						0	0	20	
3/4-Methylphenol	ND	330						0	0	20	
4-Methylphenol	ND	330						0	0	20	
4-Nitroaniline	ND	1600						0	0	20	
4-Nitrophenol	ND	1600						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

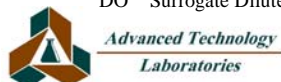
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: 1001-111-10-S	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009	SeqNo: 1702819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Aniline	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	
Benzidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Carbazole	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

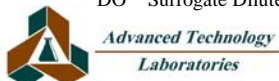
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: 1001-111-10-S	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1702819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodimethylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						537.7	0	20	
Pyrene	ND	330						0	0	20	
Pyridine	ND	1600						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2811.667		3330		84.4	49	103		0	0	
Surr: 2,4,6-Tribromophenol	2886.333		3330		86.7	47	129		0	0	
Surr: 2-Chlorophenol-d4	3013.333		3330		90.5	54	109		0	0	
Surr: 2-Fluorobiphenyl	3383.333		3330		102	59	108		0	0	
Surr: 2-Fluorophenol	2956.667		3330		88.8	50	111		0	0	
Surr: 4-Terphenyl-d14	4393.333		3330		132	58	135		0	0	
Surr: Nitrobenzene-d5	3071.667		3330		92.2	54	115		0	0	
Surr: Phenol-d5	3152.667		3330		94.7	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

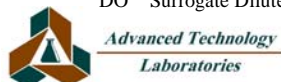
TestCode: 8270_W_FULL

Sample ID: MB-54957	SampType: MBLK	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532
Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3'-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
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ANALYTICAL QC SUMMARY REPORT

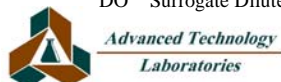
TestCode: 8270_W_FULL

Sample ID: MB-54957	SampType: MBLK	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532
Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

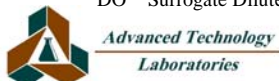
TestCode: 8270_W_FULL

Sample ID: MB-54957	SampType: MBLK	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									
Surr: 1,2-Dichlorobenzene-d4	75.030		100.0		75.0	42	98				
Surr: 2,4,6-Tribromophenol	88.320		100.0		88.3	60	128				
Surr: 2-Chlorophenol-d4	70.520		100.0		70.5	43	102				
Surr: 2-Fluorobiphenyl	82.480		100.0		82.5	50	108				
Surr: 2-Fluorophenol	42.840		100.0		42.8	22	69				
Surr: 4-Terphenyl-d14	109.500		100.0		110	66	130				
Surr: Nitrobenzene-d5	82.660		100.0		82.7	47	117				
Surr: Phenol-d5	28.900		100.0		28.9	16	50				

Sample ID: LCS-54957	SampType: LCS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: LCSW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	82.350	10	100.0	0	82.4	54	110				
1,4-Dichlorobenzene	72.690	10	100.0	0	72.7	48	103				
2,4-Dinitrotoluene	101.530	10	100.0	0	102	69	136				
2-Chlorophenol	75.260	10	100.0	0	75.3	53	100				
4-Chloro-3-methylphenol	96.750	50	100.0	0	96.8	70	124				
4-Nitrophenol	47.400	50	100.0	0	47.4	32	69				
Acenaphthene	93.500	10	100.0	0	93.5	64	118				
N-Nitrosodi-n-propylamine	94.300	10	100.0	0	94.3	62	130				
Pentachlorophenol	108.110	50	100.0	0	108	64	130				
Phenol	33.510	10	100.0	0	33.5	25	50				
Pyrene	100.210	10	100.0	0	100	66	123				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

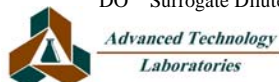
TestCode: 8270_W_FULL

Sample ID: LCS-54957	SampType: LCS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: LCSW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	70.400		100.0		70.4	42	98				
Surr: 2,4,6-Tribromophenol	92.760		100.0		92.8	60	128				
Surr: 2-Chlorophenol-d4	69.670		100.0		69.7	43	102				
Surr: 2-Fluorobiphenyl	85.330		100.0		85.3	50	108				
Surr: 2-Fluorophenol	42.460		100.0		42.5	22	69				
Surr: 4-Terphenyl-d14	91.060		100.0		91.1	66	130				
Surr: Nitrobenzene-d5	81.510		100.0		81.5	47	117				
Surr: Phenol-d5	30.250		100.0		30.2	16	50				

Sample ID: MB-54957MS	SampType: MS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703232						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	88.760	10	100.0	0	88.8	54	110				
1,4-Dichlorobenzene	80.860	10	100.0	0	80.9	48	103				
2,4-Dinitrotoluene	105.780	10	100.0	0	106	69	136				
2-Chlorophenol	82.940	10	100.0	0	82.9	53	100				
4-Chloro-3-methylphenol	103.930	50	100.0	0	104	70	124				
4-Nitrophenol	48.880	50	100.0	0	48.9	32	69				
Acenaphthene	99.380	10	100.0	0	99.4	64	118				
N-Nitrosodi-n-propylamine	97.320	10	100.0	0	97.3	62	130				
Pentachlorophenol	113.160	50	100.0	0	113	64	130				
Phenol	35.770	10	100.0	0	35.8	25	50				
Pyrene	104.020	10	100.0	0	104	66	123				
Surr: 1,2-Dichlorobenzene-d4	77.430		100.0		77.4	42	98				
Surr: 2,4,6-Tribromophenol	96.960		100.0		97.0	60	128				
Surr: 2-Chlorophenol-d4	75.540		100.0		75.5	43	102				
Surr: 2-Fluorobiphenyl	90.850		100.0		90.8	50	108				
Surr: 2-Fluorophenol	44.360		100.0		44.4	22	69				
Surr: 4-Terphenyl-d14	98.360		100.0		98.4	66	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
 Work Order: 105139
 Project: 207126015

ANALYTICAL QC SUMMARY REPORT

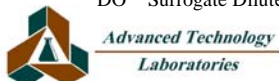
TestCode: 8270_W_FULL

Sample ID: MB-54957MS	SampType: MS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703232						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	87.720		100.0		87.7	47	117				
Surr: Phenol-d5	31.910		100.0		31.9	16	50				

Sample ID: MB-54957MSD	SampType: MSD	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703233						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	87.750	10	100.0	0	87.8	54	110	88.76	1.14	20	
1,4-Dichlorobenzene	78.940	10	100.0	0	78.9	48	103	80.86	2.40	20	
2,4-Dinitrotoluene	103.700	10	100.0	0	104	69	136	105.8	1.99	20	
2-Chlorophenol	79.970	10	100.0	0	80.0	53	100	82.94	3.65	20	
4-Chloro-3-methylphenol	102.000	50	100.0	0	102	70	124	103.9	1.87	20	
4-Nitrophenol	48.940	50	100.0	0	48.9	32	69	48.88	0	20	
Acenaphthene	95.190	10	100.0	0	95.2	64	118	99.38	4.31	20	
N-Nitrosodi-n-propylamine	94.910	10	100.0	0	94.9	62	130	97.32	2.51	20	
Pentachlorophenol	110.370	50	100.0	0	110	64	130	113.2	2.50	20	
Phenol	36.300	10	100.0	0	36.3	25	50	35.77	1.47	20	
Pyrene	100.370	10	100.0	0	100	66	123	104.0	3.57	20	
Surr: 1,2-Dichlorobenzene-d4	75.630		100.0		75.6	42	98		0	0	
Surr: 2,4,6-Tribromophenol	94.760		100.0		94.8	60	128		0	0	
Surr: 2-Chlorophenol-d4	74.730		100.0		74.7	43	102		0	0	
Surr: 2-Fluorobiphenyl	86.110		100.0		86.1	50	108		0	0	
Surr: 2-Fluorophenol	44.380		100.0		44.4	22	69		0	0	
Surr: 4-Terphenyl-d14	96.940		100.0		96.9	66	130		0	0	
Surr: Nitrobenzene-d5	87.440		100.0		87.4	47	117		0	0	
Surr: Phenol-d5	31.700		100.0		31.7	16	50		0	0	

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105139-001A	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108340						
Client ID: 1001-101-2-S	Batch ID: R108340	TestNo: EPA 9045C		Analysis Date: 4/21/2009	SeqNo: 1699856						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.000	0.10						6.940	0.861	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105139-011A	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108341						
Client ID: 1001-112-10-S	Batch ID: R108341	TestNo: EPA 9045C		Analysis Date: 4/21/2009	SeqNo: 1699869						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.290	0.10						8.260	0.363	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105139-021A	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108342						
Client ID: 1001-105-5-S	Batch ID: R108342	TestNo: EPA 9045C		Analysis Date: 4/21/2009	SeqNo: 1699880						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.010	0.10						6.980	0.429	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: MB-54880	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108424						
Client ID: PBS	Batch ID: 54880	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1701242						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	75.280		80.00		94.1	57	144				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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ANALYTICAL QC SUMMARY REPORT

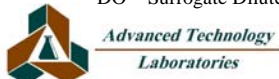
TestCode: HC_S_SEMI

Sample ID: MB-54918	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: PBS	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703756						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	80.260		80.00		100	57	144				

Sample ID: 105139-001ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-101-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	
C13-C22	ND	10						0	0	20	
C18-C36	ND	10						0	0	20	
T/R Hydrocarbons: C8	ND	10						0	0	20	
C22+ to C40	ND	10						0	0	20	
C23-C39	ND	10						0	0	20	
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40	ND	10						0	0	20	
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

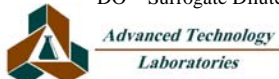
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105139-001ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108562						
Client ID: 1001-101-2-S	Batch ID: 54918	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1703757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	
T/R Hydrocarbons:>C23	ND	10						0	0	20	
T/R Hydrocarbons:>C32	ND	10						0	0	20	
T/R Hydrocarbons:>C40	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	
Surr: p-Terphenyl	69.580		80.00		87.0	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

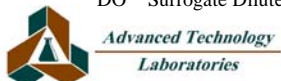
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: MB-54919	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108526						
Client ID: PBS	Batch ID: 54919	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/25/2009	SeqNo: 1703236						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	80.730		80.00		101	57	144				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

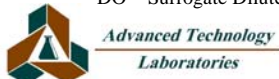
TestCode: HC_S_SEMI

Sample ID: MB-54920	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: PBS	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704831						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	73.546		80.00		91.9	57	144				

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: ZZZZZZ	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704833						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	
T/R Hydrocarbons:>C32	ND	10						0	0	20	
Surr: p-Terphenyl	73.398		80.00		91.7	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090421LCS1	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: LCSS	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702167						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.510	1.0	5.000	0	90.2	73	120				
Surr: Bromofluorobenzene (FID)	96.037		100.0		96.0	59	145				

Sample ID: E090421MB1	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: PBS	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702168						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.526		100.0		102	59	145				

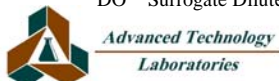
Sample ID: 105133-001AMS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: ZZZZZ	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.270	1.0	5.000	0	85.4	39	135				
Surr: Bromofluorobenzene (FID)	92.733		100.0		92.7	59	145				

Sample ID: 105133-001AMSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108359						
Client ID: ZZZZZ	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.207	1.0	5.000	0	84.1	39	135	4.270	1.49	20	
Surr: Bromofluorobenzene (FID)	89.023		100.0		89.0	59	145		0	0	

Sample ID: 105139-001FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108359						
Client ID: 1001-101-2-S	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702173						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105139-001FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108359						
Client ID: 1001-101-2-S	Batch ID: E09VS104	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702173						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	110.961		105.7		105	59	145		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090421LCS3	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: LCSS	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.494	1.0	5.000	0	89.9	73	120				
Surr: Bromofluorobenzene (FID)	98.536		100.0		98.5	59	145				

Sample ID: E090421MB2MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: ZZZZZZ	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.647	1.0	5.000	0	92.9	39	135				
Surr: Bromofluorobenzene (FID)	98.955		100.0		99.0	59	145				

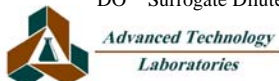
Sample ID: E090421MB2MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: ZZZZZZ	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702200						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.628	1.0	5.000	0	92.6	39	135	4.647	0.410	20	
Surr: Bromofluorobenzene (FID)	94.456		100.0		94.5	59	145		0	0	

Sample ID: E090421MB2	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108369						
Client ID: PBS	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702201						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	93.136		100.0		93.1	59	145				

Sample ID: 105139-011FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108369						
Client ID: 1001-112-10-S	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105139-011FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108369						
Client ID: 1001-112-10-S	Batch ID: E09VS105	TestNo: EPA 8015B		Analysis Date: 4/21/2009	SeqNo: 1702203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	121.354		105.9		115	59	145		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090421LCS5	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: LCSS	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702213						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.528	1.0	5.000	0	90.6	73	120				
Surr: Bromofluorobenzene (FID)	97.351		100.0		97.4	59	145				

Sample ID: E090421MB3MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: ZZZZZZ	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702214						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.671	1.0	5.000	0	93.4	39	135				
Surr: Bromofluorobenzene (FID)	97.150		100.0		97.2	59	145				

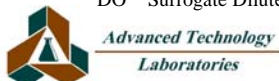
Sample ID: E090421MB3MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: ZZZZZZ	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702215						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.767	1.0	5.000	0	95.3	39	135	4.671	2.03	20	
Surr: Bromofluorobenzene (FID)	100.322		100.0		100	59	145		0	0	

Sample ID: E090421MB3	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108370						
Client ID: PBS	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702216						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	102.220		100.0		102	59	145				

Sample ID: 105139-022FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108453						
Client ID: 1001-105-10-S	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702292						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105139-022FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/20/2009	RunNo: 108453						
Client ID: 1001-105-10-S	Batch ID: E09VS106	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702292						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	130.508		114.4		114	59	145		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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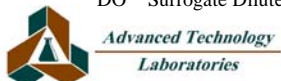
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_SEMI

Sample ID: MB-54952	SampType: MBLK	TestCode: HC_W_SEMI	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: PBW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	0.20									
T/R Hydrocarbons: C23-C32	ND	0.20									
T/R Hydrocarbons:>C32	ND	0.20									
Surr: p-Terphenyl	0.051		0.08000		64.2	35	131				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_VOAC4C12

Sample ID: D090423LCS	SampType: LCS	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: LCSW	Batch ID: D09VW067	TestNo: EPA 8015B	Analysis Date: 4/23/2009	SeqNo: 1701735							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	0.963	0.20	1.000	0	96.3	69	125				
Surr: Bromofluorobenzene (FID)	101.914		100.0		102	71	130				

Sample ID: D090423MB2MS	SampType: MS	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B	Analysis Date: 4/23/2009	SeqNo: 1701736							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	0.875	0.20	1.000	0	87.5	69	125				
Surr: Bromofluorobenzene (FID)	100.900		100.0		101	71	130				

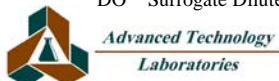
Sample ID: D090424MB2MSD	SampType: MSD	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B	Analysis Date: 4/23/2009	SeqNo: 1701737							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	0.915	0.20	1.000	0	91.5	69	125	0.8750	4.47	20	
Surr: Bromofluorobenzene (FID)	99.676		100.0		99.7	71	130		0	0	

Sample ID: D090423MB2	SampType: MBLK	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: PBW	Batch ID: D09VW067	TestNo: EPA 8015B	Analysis Date: 4/23/2009	SeqNo: 1701738							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.20									
Surr: Bromofluorobenzene (FID)	104.012		100.0		104	71	130				

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B	Analysis Date: 4/23/2009	SeqNo: 1701740							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
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CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_VOAC4C12

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701740						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	101.016		100.0		101	71	130		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

LABORATORY: Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill CA 90807 (562) 989-4045	SITE: 777 North Front Street Burbank California Ninyo & Moore # 207126015	CONSULTANT: Ninyo & Moore 475 Goddard Suite #200 Irvine Ca 92618 (949) 753-7070 fax # (949) 753-7071	NOTES: pH past hold time OK (TM)
Sampler (s) <u>Tommy Mutter</u>		Received by (name, date, and time) <u>Tommy Mutter 4/20/09 1625</u>	
Relinquished by (name, date, and time) <u>Tommy Mutter 4/20/09 1625</u>		Received by (name, date, and time) <u>Tommy Mutter 4/20/09 1625</u>	
Relinquished by (name, date, and time)		Received by (name, date, and time)	
Relinquished by (name, date, and time)		Received by (name, date, and time)	

please fax COC to David Shuler (949) 753-7071

LAB NO.	SAMPLE ID	DATE	TIME	ANALYSIS REQUESTED											PCB	
				VOCs 8260B 5035	SVOCs 8270C	TPHs 8015 5035	TPHs 8015	TPHext 8015	METALS 6000/7000	HEX CHROM 7199/7196A	pH 9045	SAMPLE MATRIX	NUMBER OF CONTAINERS	TURN-AROUND TIME		# CONTAINERS
	1001-101-2-S	4/20/09	8:00	X	X	X	X	X	X	X	X	X	5	7	F	X
	1001-101-5-S		8:10													
	1001-101-10-S		8:20													
	1001-101-20-S		8:45													
	1001-102-2-S		9:25													
	1001-102-5-S		9:35													
	1001-102-10-S		9:45													
	1001-102-20-S		10:00													
	1001-112-2-S		10:30													
	1001-112-5-S		10:35													
	1001-112-10-S		10:40													
	1001-112-20-S		10:45													
	1001-103-2-S		11:05													
	1001-103-5-S		11:10													
	1001-103-10-S		11:15													
	1001-103-20-S		11:20													
	1001-104-2-S		11:50													
	1001-104-5-S		11:55													
	1001-104-10-S		12:00													
	1001-105-2-S		13:15													
	1001-105-5-S		13:20													
	1001-105-10-S		13:25													
	1001-105-20-S		13:35													
	1001-111-2-S		14:10													
	1001-111-20-S		14:15													
	1001-111-5-S		14:20													
	1001-111-10-S		14:20													
	1001-111-20-S		14:25													
	1001-111-20 D-S		14:25													
	ERB-1		15:00										5	11		
	TRIP Blank		-										5	11		
	1001-104-20-S		12:10	X	X	X	X	X	X	X	X	X	5	7	E	X

VOCs Only (TM)

May 14, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196
Workorder No.: 105139

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 20, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 14-May-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105139**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-001A	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001B	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001C	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001D	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001E	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001F	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-001G	1001-101-2-S	Soil	4/20/2009 8:00:00 AM	4/20/2009	5/14/2009
105139-002A	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002B	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002C	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002D	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002E	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002F	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-002G	1001-101-5-S	Soil	4/20/2009 8:10:00 AM	4/20/2009	5/14/2009
105139-003A	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003B	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003C	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003D	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003E	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003F	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-003G	1001-101-10-S	Soil	4/20/2009 8:20:00 AM	4/20/2009	5/14/2009
105139-004A	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004B	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004C	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004D	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004E	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004F	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-004G	1001-101-20-S	Soil	4/20/2009 8:45:00 AM	4/20/2009	5/14/2009
105139-005A	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-005B	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-005C	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-005D	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-005E	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-005F	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-005G	1001-102-2-S	Soil	4/20/2009 9:25:00 AM	4/20/2009	5/14/2009
105139-006A	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006B	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006C	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006D	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006E	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006F	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-006G	1001-102-5-S	Soil	4/20/2009 9:35:00 AM	4/20/2009	5/14/2009
105139-007A	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007B	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007C	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007D	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007E	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007F	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-007G	1001-102-10-S	Soil	4/20/2009 9:45:00 AM	4/20/2009	5/14/2009
105139-008A	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008B	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008C	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008D	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008E	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008F	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-008G	1001-102-20-S	Soil	4/20/2009 10:00:00 AM	4/20/2009	5/14/2009
105139-009A	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-009B	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-009C	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-009D	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-009E	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-009F	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-009G	1001-112-2-S	Soil	4/20/2009 10:30:00 AM	4/20/2009	5/14/2009
105139-010A	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010B	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010C	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010D	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010E	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010F	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-010G	1001-112-5-S	Soil	4/20/2009 10:35:00 AM	4/20/2009	5/14/2009
105139-011A	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011B	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011C	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011D	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011E	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011F	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-011G	1001-112-10-S	Soil	4/20/2009 10:40:00 AM	4/20/2009	5/14/2009
105139-012A	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012B	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012C	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012D	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012E	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012F	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-012G	1001-112-20-S	Soil	4/20/2009 10:45:00 AM	4/20/2009	5/14/2009
105139-013A	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-013B	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-013C	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-013D	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-013E	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-013F	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-013G	1001-103-2-S	Soil	4/20/2009 11:05:00 AM	4/20/2009	5/14/2009
105139-014A	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014B	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014C	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014D	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014E	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014F	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-014G	1001-103-5-S	Soil	4/20/2009 11:10:00 AM	4/20/2009	5/14/2009
105139-015A	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015B	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015C	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015D	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015E	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015F	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-015G	1001-103-10-S	Soil	4/20/2009 11:15:00 AM	4/20/2009	5/14/2009
105139-016A	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016B	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016C	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016D	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016E	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016F	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-016G	1001-103-20-S	Soil	4/20/2009 11:20:00 AM	4/20/2009	5/14/2009
105139-017A	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017B	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017C	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017D	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017E	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017F	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009
105139-017G	1001-104-2-S	Soil	4/20/2009 11:50:00 AM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-018A	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018B	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018C	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018D	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018E	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018F	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-018G	1001-104-5-S	Soil	4/20/2009 11:55:00 AM	4/20/2009	5/14/2009
105139-019A	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019B	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019C	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019D	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019E	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019F	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-019G	1001-104-10-S	Soil	4/20/2009 12:00:00 PM	4/20/2009	5/14/2009
105139-020A	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020B	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020C	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020D	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020E	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020F	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-020G	1001-105-2-S	Soil	4/20/2009 1:15:00 PM	4/20/2009	5/14/2009
105139-021A	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021B	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021C	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021D	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021E	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021F	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-021G	1001-105-5-S	Soil	4/20/2009 1:20:00 PM	4/20/2009	5/14/2009
105139-022A	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-022B	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-022C	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-022D	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-022E	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-022F	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-022G	1001-105-10-S	Soil	4/20/2009 1:25:00 PM	4/20/2009	5/14/2009
105139-023A	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023B	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023C	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023D	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023E	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023F	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-023G	1001-105-20-S	Soil	4/20/2009 1:35:00 PM	4/20/2009	5/14/2009
105139-024A	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024B	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024C	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024D	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024E	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024F	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-024G	1001-111-2-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025A	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025B	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025C	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025D	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025E	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025F	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-025G	1001-111-2D-S	Soil	4/20/2009 2:10:00 PM	4/20/2009	5/14/2009
105139-026A	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-026B	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-026C	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-026D	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-026E	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-026F	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-026G	1001-111-5-S	Soil	4/20/2009 2:15:00 PM	4/20/2009	5/14/2009
105139-027A	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027B	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027C	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027D	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027E	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027F	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-027G	1001-111-10-S	Soil	4/20/2009 2:20:00 PM	4/20/2009	5/14/2009
105139-028A	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028B	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028C	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028D	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028E	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028F	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-028G	1001-111-20-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029A	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029B	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029C	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029D	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029E	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029F	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-029G	1001-111-20D-S	Soil	4/20/2009 2:25:00 PM	4/20/2009	5/14/2009
105139-030A	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-030B	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-030C	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-030D	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-030E	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-030F	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105139-030G	ERB-1	Water	4/20/2009 3:00:00 PM	4/20/2009	5/14/2009
105139-031A	TRIP Blank	Water	4/20/2009	4/20/2009	5/14/2009
105139-032A	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032B	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032C	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032D	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032E	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032F	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009
105139-032G	1001-104-20-S	Soil	4/20/2009 12:10:00 PM	4/20/2009	5/14/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105139

CASE NARRATIVE

Analytical Comments for EPA 6010B

1. Sample 105139-009ADUP, RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 14-May-09

CLIENT: Ninyo & Moore
Lab Order: 105139
Project: 207126015
Lab ID: 105139-009A

Client Sample ID: 1001-112-2-S
Collection Date: 4/20/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

WET/ EPA 6010B

RunID: ICP8_090514C	QC Batch: R109019	PrepDate:	Analyst: CL
Lead	2.4 0.042	1.0 mg/L	20 5/14/2009 12:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105139
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID: MB-55299	SampType: MBLK	TestCode: 6010_ST	Units: mg/L	Prep Date:	RunNo: 109019						
Client ID: PBS	Batch ID: R109019	TestNo: WET/ EPA 60		Analysis Date: 5/14/2009	SeqNo: 1711352						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.050

Sample ID: LCS-55299	SampType: LCS	TestCode: 6010_ST	Units: mg/L	Prep Date:	RunNo: 109019						
Client ID: LCSS	Batch ID: R109019	TestNo: WET/ EPA 60		Analysis Date: 5/14/2009	SeqNo: 1711353						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.999 0.050 1.000 0 99.9 85 115

Sample ID: 105139-009ADUP	SampType: DUP	TestCode: 6010_ST	Units: mg/L	Prep Date:	RunNo: 109019						
Client ID: 1001-112-2-S	Batch ID: R109019	TestNo: WET/ EPA 60		Analysis Date: 5/14/2009	SeqNo: 1711355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 11.161 1.0 2.369 130 20 R

Sample ID: 105139-009AMS	SampType: MS	TestCode: 6010_ST	Units: mg/L	Prep Date:	RunNo: 109019						
Client ID: 1001-112-2-S	Batch ID: R109019	TestNo: WET/ EPA 60		Analysis Date: 5/14/2009	SeqNo: 1711356						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

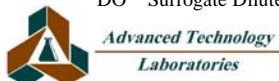
Lead 4.738 1.0 2.500 2.369 94.8 71 121

Sample ID: 105139-009AMSD	SampType: MSD	TestCode: 6010_ST	Units: mg/L	Prep Date:	RunNo: 109019						
Client ID: 1001-112-2-S	Batch ID: R109019	TestNo: WET/ EPA 60		Analysis Date: 5/14/2009	SeqNo: 1711357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 4.673 1.0 2.500 2.369 92.2 71 121 4.738 1.37 20

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



May 01, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 105148

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 21, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie F. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 01-May-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105148**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-001A	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001B	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001C	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001D	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001E	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001F	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-001G	1001-110-2-S	Soil	4/21/2009 7:50:00 AM	4/21/2009	5/1/2009
105148-002A	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002B	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002C	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002D	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002E	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002F	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-002G	1001-110-5-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003A	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003B	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003C	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003D	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003E	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003F	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-003G	1001-110-5D-S	Soil	4/21/2009 7:55:00 AM	4/21/2009	5/1/2009
105148-004A	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004B	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004C	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004D	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004E	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004F	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-004G	1001-110-10-S	Soil	4/21/2009 8:00:00 AM	4/21/2009	5/1/2009
105148-005A	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-005B	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-005C	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-005D	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-005E	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-005F	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-005G	1001-110-20-S	Soil	4/21/2009 8:10:00 AM	4/21/2009	5/1/2009
105148-006A	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006B	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006C	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006D	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006E	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006F	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-006G	1001-109-2-S	Soil	4/21/2009 8:20:00 AM	4/21/2009	5/1/2009
105148-007A	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007B	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007C	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007D	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007E	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007F	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-007G	1001-109-5-S	Soil	4/21/2009 8:25:00 AM	4/21/2009	5/1/2009
105148-008A	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008B	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008C	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008D	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008E	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008F	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-008G	1001-109-10-S	Soil	4/21/2009 8:35:00 AM	4/21/2009	5/1/2009
105148-009A	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-009B	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-009C	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-009D	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-009E	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-009F	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-009G	1001-109-20-S	Soil	4/21/2009 8:40:00 AM	4/21/2009	5/1/2009
105148-010A	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010B	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010C	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010D	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010E	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010F	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-010G	1001-108-2-S	Soil	4/21/2009 9:05:00 AM	4/21/2009	5/1/2009
105148-011A	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011B	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011C	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011D	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011E	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011F	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-011G	1001-108-5-S	Soil	4/21/2009 9:10:00 AM	4/21/2009	5/1/2009
105148-012A	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012B	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012C	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012D	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012E	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012F	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-012G	1001-108-10-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013A	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013B	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013C	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013D	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013E	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-013F	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-013G	1001-108-10D-S	Soil	4/21/2009 9:15:00 AM	4/21/2009	5/1/2009
105148-014A	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014B	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014C	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014D	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014E	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014F	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-014G	1001-108-20-S	Soil	4/21/2009 9:25:00 AM	4/21/2009	5/1/2009
105148-015A	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015B	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015C	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015D	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015E	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015F	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-015G	1001-106-2-S	Soil	4/21/2009 9:40:00 AM	4/21/2009	5/1/2009
105148-016A	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016B	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016C	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016D	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016E	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016F	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-016G	1001-106-5-S	Soil	4/21/2009 9:45:00 AM	4/21/2009	5/1/2009
105148-017A	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017B	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017C	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017D	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017E	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017F	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009
105148-017G	1001-106-10-S	Soil	4/21/2009 9:55:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-018A	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018B	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018C	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018D	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018E	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018F	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-018G	1001-106-20-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019A	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019B	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019C	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019D	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019E	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019F	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-019G	1001-106-20D-S	Soil	4/21/2009 10:05:00 AM	4/21/2009	5/1/2009
105148-020A	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020B	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020C	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020D	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020E	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020F	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-020G	1001-107-2-S	Soil	4/21/2009 10:15:00 AM	4/21/2009	5/1/2009
105148-021A	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021B	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021C	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021D	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021E	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021F	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-021G	1001-107-5-S	Soil	4/21/2009 10:25:00 AM	4/21/2009	5/1/2009
105148-022A	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-022B	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105148-022C	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-022D	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-022E	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-022F	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-022G	1001-107-10-S	Soil	4/21/2009 10:30:00 AM	4/21/2009	5/1/2009
105148-023A	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023B	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023C	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023D	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023E	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023F	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-023G	1001-107-20-S	Soil	4/21/2009 10:40:00 AM	4/21/2009	5/1/2009
105148-024A	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024B	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024C	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024D	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024E	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024F	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009
105148-024G	QCEB	Water	4/21/2009 10:50:00 AM	4/21/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105148

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Sample Receiving/General Comment

Trip Blank sample was not received, client was notified on 4/21/09. Analytical Comments for METHOD 8270_S_FULL, SAMPLE 105148-006A: black sample extract

Analytical Comments for EPA 6010B

1. Samples 105148-020ADUP and 105148-023ADUP, RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for EPA 8015B(M)

1. Sample 105148-011ADUP, RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.
2. Samples MB-54952MS and MB-54952MSD, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8270C

1. Sample 105148-006A, dilution was necessary due to samples' dark extract.

Analytical Comments for SM4500-H+B

1. Samples 105148-024A and 105148-024ADUP, were received and analyzed past holding time.



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001A

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:23 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Barium	130	0.13	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Chromium	18	0.088	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Cobalt	7.0	0.014	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Copper	18	0.26	2.0	mg/Kg	1	4/24/2009 04:23 PM	
Lead	2.4	0.11	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Nickel	13	0.032	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Vanadium	43	0.019	1.0	mg/Kg	1	4/24/2009 04:23 PM	
Zinc	77	0.19	1.0	mg/Kg	1	4/24/2009 04:23 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	17	10	10	mg/Kg	1	4/30/2009 11:38 AM	
Surr: p-Terphenyl	97.6	0	57-144	%REC	1	4/30/2009 11:38 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 11:38 AM	
T/R Hydrocarbons: C23-C32	12	10	10	mg/Kg	1	4/30/2009 11:38 AM	
T/R Hydrocarbons:>C32	22	10	10	mg/Kg	1	4/30/2009 11:38 AM	
Surr: p-Terphenyl	98.3	0	57-144	%REC	1	4/30/2009 11:38 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001A

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423B	QC Batch: 54965	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/24/2009 04:40 AM
Surr: Decachlorobiphenyl	83.2 0	30-124	%REC 1 4/24/2009 04:40 AM
Surr: Tetrachloro-m-xylene	105 0	40-118	%REC 1 4/24/2009 04:40 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:03 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428B	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/28/2009 03:29 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/28/2009 03:29 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/28/2009 03:29 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/28/2009 03:29 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/28/2009 03:29 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/28/2009 03:29 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/28/2009 03:29 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/28/2009 03:29 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/28/2009 03:29 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/28/2009 03:29 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/28/2009 03:29 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/28/2009 03:29 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/28/2009 03:29 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/28/2009 03:29 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/28/2009 03:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001A

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428B	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 03:29 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 03:29 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 03:29 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 03:29 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 03:29 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 03:29 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 03:29 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 03:29 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 03:29 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 03:29 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 03:29 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 03:29 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 03:29 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 03:29 PM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 03:29 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 03:29 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 03:29 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 03:29 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 03:29 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 03:29 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 03:29 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 03:29 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 03:29 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 03:29 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 03:29 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 03:29 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 03:29 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 03:29 PM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 03:29 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 03:29 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 03:29 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 03:29 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 03:29 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 03:29 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 03:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001A

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428B	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 03:29 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 03:29 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 03:29 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 03:29 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 03:29 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 03:29 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 03:29 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 03:29 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 03:29 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 03:29 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 03:29 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 03:29 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 03:29 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 03:29 PM
Phenol	400	95	330	µg/Kg	1	4/28/2009 03:29 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 03:29 PM
Surr: 1,2-Dichlorobenzene-d4	71.6	0	49-103	%REC	1	4/28/2009 03:29 PM
Surr: 2,4,6-Tribromophenol	49.1	0	47-129	%REC	1	4/28/2009 03:29 PM
Surr: 2-Chlorophenol-d4	76.4	0	54-109	%REC	1	4/28/2009 03:29 PM
Surr: 2-Fluorobiphenyl	86.6	0	59-108	%REC	1	4/28/2009 03:29 PM
Surr: 2-Fluorophenol	76.1	0	50-111	%REC	1	4/28/2009 03:29 PM
Surr: 4-Terphenyl-d14	106	0	58-135	%REC	1	4/28/2009 03:29 PM
Surr: Nitrobenzene-d5	83.6	0	54-115	%REC	1	4/28/2009 03:29 PM
Surr: Phenol-d5	81.1	0	58-112	%REC	1	4/28/2009 03:29 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL			
pH	8.6	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001B

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1,1-Trichloroethane	ND 0.67	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1,2,2-Tetrachloroethane	ND 1.6	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1,2-Trichloroethane	ND 1.7	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1-Dichloroethane	ND 0.53	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1-Dichloroethene	ND 1.3	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,1-Dichloropropene	ND 1.6	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2,3-Trichlorobenzene	ND 1.1	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2,3-Trichloropropane	ND 0.78	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2,4-Trichlorobenzene	ND 1.4	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2,4-Trimethylbenzene	ND 0.89	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2-Dibromo-3-chloropropane	ND 2.0	10	µg/Kg 1 4/22/2009 12:51 PM
1,2-Dibromoethane	ND 1.5	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2-Dichlorobenzene	ND 0.87	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2-Dichloroethane	ND 1.2	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,2-Dichloropropane	ND 1.6	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,3,5-Trimethylbenzene	ND 1.0	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,3-Dichlorobenzene	ND 1.0	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,3-Dichloropropane	ND 1.1	5.2	µg/Kg 1 4/22/2009 12:51 PM
1,4-Dichlorobenzene	ND 1.3	5.2	µg/Kg 1 4/22/2009 12:51 PM
2,2-Dichloropropane	ND 0.91	5.2	µg/Kg 1 4/22/2009 12:51 PM
2-Chlorotoluene	ND 0.69	5.2	µg/Kg 1 4/22/2009 12:51 PM
4-Chlorotoluene	ND 0.70	5.2	µg/Kg 1 4/22/2009 12:51 PM
4-Isopropyltoluene	ND 0.60	5.2	µg/Kg 1 4/22/2009 12:51 PM
Benzene	ND 0.86	5.2	µg/Kg 1 4/22/2009 12:51 PM
Bromobenzene	ND 1.6	5.2	µg/Kg 1 4/22/2009 12:51 PM
Bromodichloromethane	ND 0.89	5.2	µg/Kg 1 4/22/2009 12:51 PM
Bromoform	ND 1.3	5.2	µg/Kg 1 4/22/2009 12:51 PM
Bromomethane	ND 0.91	5.2	µg/Kg 1 4/22/2009 12:51 PM
Carbon tetrachloride	ND 1.4	5.2	µg/Kg 1 4/22/2009 12:51 PM
Chlorobenzene	ND 0.93	5.2	µg/Kg 1 4/22/2009 12:51 PM
Chloroethane	ND 1.4	5.2	µg/Kg 1 4/22/2009 12:51 PM
Chloroform	ND 0.65	5.2	µg/Kg 1 4/22/2009 12:51 PM
Chloromethane	ND 0.85	5.2	µg/Kg 1 4/22/2009 12:51 PM
cis-1,2-Dichloroethene	ND 1.3	5.2	µg/Kg 1 4/22/2009 12:51 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-001B

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.3	5.2	µg/Kg	1	4/22/2009 12:51 PM
Dibromochloromethane	ND	0.71	5.2	µg/Kg	1	4/22/2009 12:51 PM
Dibromomethane	ND	1.8	5.2	µg/Kg	1	4/22/2009 12:51 PM
Dichlorodifluoromethane	ND	0.63	5.2	µg/Kg	1	4/22/2009 12:51 PM
Ethylbenzene	ND	0.95	5.2	µg/Kg	1	4/22/2009 12:51 PM
Hexachlorobutadiene	ND	3.5	5.2	µg/Kg	1	4/22/2009 12:51 PM
Isopropylbenzene	ND	1.3	5.2	µg/Kg	1	4/22/2009 12:51 PM
m,p-Xylene	ND	1.8	10	µg/Kg	1	4/22/2009 12:51 PM
Methylene chloride	ND	5.2	5.2	µg/Kg	1	4/22/2009 12:51 PM
n-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/22/2009 12:51 PM
n-Propylbenzene	ND	0.94	5.2	µg/Kg	1	4/22/2009 12:51 PM
Naphthalene	ND	1.7	5.2	µg/Kg	1	4/22/2009 12:51 PM
o-Xylene	ND	1.1	5.2	µg/Kg	1	4/22/2009 12:51 PM
sec-Butylbenzene	ND	0.89	5.2	µg/Kg	1	4/22/2009 12:51 PM
Styrene	ND	0.93	5.2	µg/Kg	1	4/22/2009 12:51 PM
tert-Butylbenzene	ND	0.63	5.2	µg/Kg	1	4/22/2009 12:51 PM
Tetrachloroethene	19	1.1	5.2	µg/Kg	1	4/22/2009 12:51 PM
Toluene	ND	0.86	5.2	µg/Kg	1	4/22/2009 12:51 PM
trans-1,2-Dichloroethene	ND	1.0	5.2	µg/Kg	1	4/22/2009 12:51 PM
Trichloroethene	ND	2.1	5.2	µg/Kg	1	4/22/2009 12:51 PM
Trichlorofluoromethane	ND	1.2	5.2	µg/Kg	1	4/22/2009 12:51 PM
Vinyl chloride	ND	0.61	5.2	µg/Kg	1	4/22/2009 12:51 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/22/2009 12:51 PM
Surr: 4-Bromofluorobenzene	103	0	67-127	%REC	1	4/22/2009 12:51 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/22/2009 12:51 PM
Surr: Toluene-d8	107	0	75-120	%REC	1	4/22/2009 12:51 PM

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DO Surrogate Diluted Out



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Project: 207126015
Lab ID: 105148-001E

Client Sample ID: 1001-110-2-S
Collection Date: 4/21/2009 7:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.13	0.86	mg/Kg	1	4/22/2009 11:58 AM
Surr: Bromofluorobenzene (FID)	79.5 0	59-145	%REC	1	4/22/2009 11:58 AM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.17	0.86	mg/Kg	1	4/22/2009 11:58 AM
Surr: Bromofluorobenzene (FID)	79.5 0	59-145	%REC	1	4/22/2009 11:58 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-002A

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:26 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Barium	200	0.13	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Chromium	26	0.088	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Copper	30	0.26	2.0	mg/Kg	1	4/24/2009 04:26 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Nickel	20	0.032	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Vanadium	62	0.019	1.0	mg/Kg	1	4/24/2009 04:26 PM	
Zinc	64	0.19	1.0	mg/Kg	1	4/24/2009 04:26 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 12:05 PM	
Surr: p-Terphenyl	108	0	57-144	%REC	1	4/30/2009 12:05 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 12:05 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 12:05 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 12:05 PM	
Surr: p-Terphenyl	103	0	57-144	%REC	1	4/30/2009 12:05 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-002A

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423B	QC Batch: 54965			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 05:10 AM	
Surr: Decachlorobiphenyl	78.3	0	30-124	%REC	1	4/24/2009 05:10 AM	
Surr: Tetrachloro-m-xylene	104	0	40-118	%REC	1	4/24/2009 05:10 AM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090423B	QC Batch: 54933			PrepDate:	4/23/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/23/2009 12:05 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090423A	QC Batch: 54926			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/24/2009 02:49 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/24/2009 02:49 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/24/2009 02:49 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/24/2009 02:49 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/24/2009 02:49 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/24/2009 02:49 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/24/2009 02:49 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/24/2009 02:49 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/24/2009 02:49 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 02:49 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 02:49 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/24/2009 02:49 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/24/2009 02:49 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/24/2009 02:49 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/24/2009 02:49 PM	

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H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-002A

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/24/2009 02:49 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/24/2009 02:49 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/24/2009 02:49 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 02:49 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/24/2009 02:49 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/24/2009 02:49 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/24/2009 02:49 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/24/2009 02:49 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/24/2009 02:49 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/24/2009 02:49 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 02:49 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/24/2009 02:49 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/24/2009 02:49 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/24/2009 02:49 PM
Anthracene	ND	76	330	µg/Kg	1	4/24/2009 02:49 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/24/2009 02:49 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/24/2009 02:49 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/24/2009 02:49 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/24/2009 02:49 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/24/2009 02:49 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/24/2009 02:49 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/24/2009 02:49 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/24/2009 02:49 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/24/2009 02:49 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/24/2009 02:49 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/24/2009 02:49 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/24/2009 02:49 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/24/2009 02:49 PM
Chrysene	ND	79	330	µg/Kg	1	4/24/2009 02:49 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/24/2009 02:49 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/24/2009 02:49 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/24/2009 02:49 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/24/2009 02:49 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/24/2009 02:49 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/24/2009 02:49 PM

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Lab ID: 105148-002A

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Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/24/2009 02:49 PM
Fluorene	ND	69	330	µg/Kg	1 4/24/2009 02:49 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/24/2009 02:49 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/24/2009 02:49 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/24/2009 02:49 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/24/2009 02:49 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/24/2009 02:49 PM
Isophorone	ND	85	330	µg/Kg	1 4/24/2009 02:49 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/24/2009 02:49 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/24/2009 02:49 PM
Naphthalene	ND	86	330	µg/Kg	1 4/24/2009 02:49 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/24/2009 02:49 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/24/2009 02:49 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/24/2009 02:49 PM
Phenol	ND	95	330	µg/Kg	1 4/24/2009 02:49 PM
Pyrene	ND	77	330	µg/Kg	1 4/24/2009 02:49 PM
Surr: 1,2-Dichlorobenzene-d4	78.7	0	49-103	%REC	1 4/24/2009 02:49 PM
Surr: 2,4,6-Tribromophenol	85.5	0	47-129	%REC	1 4/24/2009 02:49 PM
Surr: 2-Chlorophenol-d4	87.4	0	54-109	%REC	1 4/24/2009 02:49 PM
Surr: 2-Fluorobiphenyl	96.1	0	59-108	%REC	1 4/24/2009 02:49 PM
Surr: 2-Fluorophenol	84.0	0	50-111	%REC	1 4/24/2009 02:49 PM
Surr: 4-Terphenyl-d14	122	0	58-135	%REC	1 4/24/2009 02:49 PM
Surr: Nitrobenzene-d5	89.2	0	54-115	%REC	1 4/24/2009 02:49 PM
Surr: Phenol-d5	91.5	0	58-112	%REC	1 4/24/2009 02:49 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435			PrepDate:	Analyst: DDL
pH	7.7	0.10	0.10	pH Units	1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-002B

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	2.1	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1,1-Trichloroethane	ND	0.77	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1,2,2-Tetrachloroethane	ND	1.9	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1,2-Trichloroethane	ND	2.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1-Dichloroethane	ND	0.61	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1-Dichloroethene	ND	1.5	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,1-Dichloropropene	ND	1.8	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2,3-Trichlorobenzene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2,3-Trichloropropane	ND	0.90	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2,4-Trichlorobenzene	ND	1.6	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2,4-Trimethylbenzene	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2-Dibromo-3-chloropropane	ND	2.3	12	µg/Kg	1	4/22/2009 01:07 PM	
1,2-Dibromoethane	ND	1.8	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2-Dichlorobenzene	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2-Dichloroethane	ND	1.4	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,2-Dichloropropane	ND	1.9	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,3,5-Trimethylbenzene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,3-Dichlorobenzene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,3-Dichloropropane	ND	1.3	6.0	µg/Kg	1	4/22/2009 01:07 PM	
1,4-Dichlorobenzene	ND	1.4	6.0	µg/Kg	1	4/22/2009 01:07 PM	
2,2-Dichloropropane	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
2-Chlorotoluene	ND	0.79	6.0	µg/Kg	1	4/22/2009 01:07 PM	
4-Chlorotoluene	ND	0.81	6.0	µg/Kg	1	4/22/2009 01:07 PM	
4-Isopropyltoluene	ND	0.69	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Benzene	ND	0.99	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Bromobenzene	ND	1.9	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Bromodichloromethane	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Bromoform	ND	1.5	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Bromomethane	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Carbon tetrachloride	ND	1.6	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Chlorobenzene	ND	1.1	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Chloroethane	ND	1.6	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Chloroform	ND	0.74	6.0	µg/Kg	1	4/22/2009 01:07 PM	
Chloromethane	ND	0.98	6.0	µg/Kg	1	4/22/2009 01:07 PM	
cis-1,2-Dichloroethene	ND	1.4	6.0	µg/Kg	1	4/22/2009 01:07 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-002B

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.5	6.0	µg/Kg	1	4/22/2009 01:07 PM
Dibromochloromethane	ND	0.82	6.0	µg/Kg	1	4/22/2009 01:07 PM
Dibromomethane	ND	2.0	6.0	µg/Kg	1	4/22/2009 01:07 PM
Dichlorodifluoromethane	ND	0.72	6.0	µg/Kg	1	4/22/2009 01:07 PM
Ethylbenzene	ND	1.1	6.0	µg/Kg	1	4/22/2009 01:07 PM
Hexachlorobutadiene	ND	4.1	6.0	µg/Kg	1	4/22/2009 01:07 PM
Isopropylbenzene	ND	1.5	6.0	µg/Kg	1	4/22/2009 01:07 PM
m,p-Xylene	ND	2.0	12	µg/Kg	1	4/22/2009 01:07 PM
Methylene chloride	ND	6.0	6.0	µg/Kg	1	4/22/2009 01:07 PM
n-Butylbenzene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM
n-Propylbenzene	ND	1.1	6.0	µg/Kg	1	4/22/2009 01:07 PM
Naphthalene	ND	2.0	6.0	µg/Kg	1	4/22/2009 01:07 PM
o-Xylene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM
sec-Butylbenzene	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM
Styrene	ND	1.1	6.0	µg/Kg	1	4/22/2009 01:07 PM
tert-Butylbenzene	ND	0.73	6.0	µg/Kg	1	4/22/2009 01:07 PM
Tetrachloroethene	ND	1.3	6.0	µg/Kg	1	4/22/2009 01:07 PM
Toluene	ND	1.0	6.0	µg/Kg	1	4/22/2009 01:07 PM
trans-1,2-Dichloroethene	ND	1.2	6.0	µg/Kg	1	4/22/2009 01:07 PM
Trichloroethene	ND	2.4	6.0	µg/Kg	1	4/22/2009 01:07 PM
Trichlorofluoromethane	ND	1.4	6.0	µg/Kg	1	4/22/2009 01:07 PM
Vinyl chloride	ND	0.71	6.0	µg/Kg	1	4/22/2009 01:07 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/22/2009 01:07 PM
Surr: 4-Bromofluorobenzene	106	0	67-127	%REC	1	4/22/2009 01:07 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/22/2009 01:07 PM
Surr: Toluene-d8	105	0	75-120	%REC	1	4/22/2009 01:07 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-002E

Client Sample ID: 1001-110-5-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.16	1.0	mg/Kg	1	4/22/2009 12:29 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/22/2009 12:29 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg	1	4/22/2009 12:29 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/22/2009 12:29 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003A

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:28 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Barium	180	0.13	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Chromium	24	0.088	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Copper	26	0.26	2.0	mg/Kg	1	4/24/2009 04:28 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Nickel	18	0.032	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Vanadium	55	0.019	1.0	mg/Kg	1	4/24/2009 04:28 PM	
Zinc	56	0.19	1.0	mg/Kg	1	4/24/2009 04:28 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 12:32 PM	
Surr: p-Terphenyl	112	0	57-144	%REC	1	4/30/2009 12:32 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 12:32 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 12:32 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 12:32 PM	
Surr: p-Terphenyl	106	0	57-144	%REC	1	4/30/2009 12:32 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003A

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423B	QC Batch: 54965			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 06:10 AM	
Surr: Decachlorobiphenyl	81.7	0	30-124	%REC	1	4/24/2009 06:10 AM	
Surr: Tetrachloro-m-xylene	105	0	40-118	%REC	1	4/24/2009 06:10 AM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:07 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS 13_090423A	QC Batch: 54926			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/24/2009 03:16 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/24/2009 03:16 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/24/2009 03:16 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/24/2009 03:16 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/24/2009 03:16 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/24/2009 03:16 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/24/2009 03:16 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/24/2009 03:16 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/24/2009 03:16 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 03:16 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/24/2009 03:16 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/24/2009 03:16 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/24/2009 03:16 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/24/2009 03:16 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/24/2009 03:16 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003A

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/24/2009 03:16 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/24/2009 03:16 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/24/2009 03:16 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/24/2009 03:16 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/24/2009 03:16 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/24/2009 03:16 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/24/2009 03:16 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/24/2009 03:16 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/24/2009 03:16 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/24/2009 03:16 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/24/2009 03:16 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/24/2009 03:16 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/24/2009 03:16 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/24/2009 03:16 PM
Anthracene	ND 76	330	µg/Kg 1 4/24/2009 03:16 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/24/2009 03:16 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/24/2009 03:16 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/24/2009 03:16 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/24/2009 03:16 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/24/2009 03:16 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/24/2009 03:16 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/24/2009 03:16 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/24/2009 03:16 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/24/2009 03:16 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/24/2009 03:16 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/24/2009 03:16 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/24/2009 03:16 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/24/2009 03:16 PM
Chrysene	ND 79	330	µg/Kg 1 4/24/2009 03:16 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/24/2009 03:16 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/24/2009 03:16 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/24/2009 03:16 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/24/2009 03:16 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/24/2009 03:16 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/24/2009 03:16 PM

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Lab ID: 105148-003A

Client Sample ID: 1001-110-5D-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/24/2009 03:16 PM
Fluorene	ND	69	330	µg/Kg	1 4/24/2009 03:16 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/24/2009 03:16 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/24/2009 03:16 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/24/2009 03:16 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/24/2009 03:16 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/24/2009 03:16 PM
Isophorone	ND	85	330	µg/Kg	1 4/24/2009 03:16 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/24/2009 03:16 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/24/2009 03:16 PM
Naphthalene	ND	86	330	µg/Kg	1 4/24/2009 03:16 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/24/2009 03:16 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/24/2009 03:16 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/24/2009 03:16 PM
Phenol	ND	95	330	µg/Kg	1 4/24/2009 03:16 PM
Pyrene	ND	77	330	µg/Kg	1 4/24/2009 03:16 PM
Surr: 1,2-Dichlorobenzene-d4	78.1	0	49-103	%REC	1 4/24/2009 03:16 PM
Surr: 2,4,6-Tribromophenol	87.1	0	47-129	%REC	1 4/24/2009 03:16 PM
Surr: 2-Chlorophenol-d4	85.2	0	54-109	%REC	1 4/24/2009 03:16 PM
Surr: 2-Fluorobiphenyl	98.4	0	59-108	%REC	1 4/24/2009 03:16 PM
Surr: 2-Fluorophenol	81.4	0	50-111	%REC	1 4/24/2009 03:16 PM
Surr: 4-Terphenyl-d14	125	0	58-135	%REC	1 4/24/2009 03:16 PM
Surr: Nitrobenzene-d5	87.5	0	54-115	%REC	1 4/24/2009 03:16 PM
Surr: Phenol-d5	90.6	0	58-112	%REC	1 4/24/2009 03:16 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435			PrepDate:	Analyst: DDL
pH	7.6	0.10	0.10	pH Units	1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003B

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1,1-Trichloroethane	ND	0.61	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1,2-Trichloroethane	ND	1.5	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1-Dichloroethane	ND	0.47	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1-Dichloroethene	ND	1.2	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,1-Dichloropropene	ND	1.4	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2,3-Trichlorobenzene	ND	0.97	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2,3-Trichloropropane	ND	0.70	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2,4-Trichlorobenzene	ND	1.3	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2,4-Trimethylbenzene	ND	0.81	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.4	µg/Kg	1	4/22/2009 01:24 PM	
1,2-Dibromoethane	ND	1.4	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2-Dichlorobenzene	ND	0.78	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2-Dichloroethane	ND	1.1	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,2-Dichloropropane	ND	1.5	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,3,5-Trimethylbenzene	ND	0.94	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,3-Dichlorobenzene	ND	0.95	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,3-Dichloropropane	ND	0.99	4.7	µg/Kg	1	4/22/2009 01:24 PM	
1,4-Dichlorobenzene	ND	1.1	4.7	µg/Kg	1	4/22/2009 01:24 PM	
2,2-Dichloropropane	ND	0.82	4.7	µg/Kg	1	4/22/2009 01:24 PM	
2-Chlorotoluene	ND	0.62	4.7	µg/Kg	1	4/22/2009 01:24 PM	
4-Chlorotoluene	ND	0.63	4.7	µg/Kg	1	4/22/2009 01:24 PM	
4-Isopropyltoluene	ND	0.54	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Benzene	ND	0.77	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Bromobenzene	ND	1.5	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Bromodichloromethane	ND	0.80	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Bromoform	ND	1.1	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Bromomethane	ND	0.82	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Carbon tetrachloride	ND	1.3	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Chlorobenzene	ND	0.84	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Chloroethane	ND	1.2	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Chloroform	ND	0.58	4.7	µg/Kg	1	4/22/2009 01:24 PM	
Chloromethane	ND	0.77	4.7	µg/Kg	1	4/22/2009 01:24 PM	
cis-1,2-Dichloroethene	ND	1.1	4.7	µg/Kg	1	4/22/2009 01:24 PM	

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003B

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.7	µg/Kg 1 4/22/2009 01:24 PM
Dibromochloromethane	ND 0.64	4.7	µg/Kg 1 4/22/2009 01:24 PM
Dibromomethane	ND 1.6	4.7	µg/Kg 1 4/22/2009 01:24 PM
Dichlorodifluoromethane	ND 0.56	4.7	µg/Kg 1 4/22/2009 01:24 PM
Ethylbenzene	ND 0.86	4.7	µg/Kg 1 4/22/2009 01:24 PM
Hexachlorobutadiene	ND 3.2	4.7	µg/Kg 1 4/22/2009 01:24 PM
Isopropylbenzene	ND 1.1	4.7	µg/Kg 1 4/22/2009 01:24 PM
m,p-Xylene	ND 1.6	9.4	µg/Kg 1 4/22/2009 01:24 PM
Methylene chloride	ND 4.7	4.7	µg/Kg 1 4/22/2009 01:24 PM
n-Butylbenzene	ND 0.98	4.7	µg/Kg 1 4/22/2009 01:24 PM
n-Propylbenzene	ND 0.85	4.7	µg/Kg 1 4/22/2009 01:24 PM
Naphthalene	ND 1.6	4.7	µg/Kg 1 4/22/2009 01:24 PM
o-Xylene	ND 0.97	4.7	µg/Kg 1 4/22/2009 01:24 PM
sec-Butylbenzene	ND 0.80	4.7	µg/Kg 1 4/22/2009 01:24 PM
Styrene	ND 0.84	4.7	µg/Kg 1 4/22/2009 01:24 PM
tert-Butylbenzene	ND 0.57	4.7	µg/Kg 1 4/22/2009 01:24 PM
Tetrachloroethene	4.9 0.99	4.7	µg/Kg 1 4/22/2009 01:24 PM
Toluene	ND 0.78	4.7	µg/Kg 1 4/22/2009 01:24 PM
trans-1,2-Dichloroethene	ND 0.93	4.7	µg/Kg 1 4/22/2009 01:24 PM
Trichloroethene	ND 1.9	4.7	µg/Kg 1 4/22/2009 01:24 PM
Trichlorofluoromethane	ND 1.1	4.7	µg/Kg 1 4/22/2009 01:24 PM
Vinyl chloride	ND 0.55	4.7	µg/Kg 1 4/22/2009 01:24 PM
Surr: 1,2-Dichloroethane-d4	125 0	68-147	%REC 1 4/22/2009 01:24 PM
Surr: 4-Bromofluorobenzene	102 0	67-127	%REC 1 4/22/2009 01:24 PM
Surr: Dibromofluoromethane	119 0	72-141	%REC 1 4/22/2009 01:24 PM
Surr: Toluene-d8	108 0	75-120	%REC 1 4/22/2009 01:24 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-003E

Client Sample ID: 1001-110-5D-S
Collection Date: 4/21/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.18	1.2	mg/Kg	1	4/22/2009 12:44 PM
Surr: Bromofluorobenzene (FID)	99.3 0	59-145	%REC	1	4/22/2009 12:44 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.23	1.2	mg/Kg	1	4/22/2009 12:44 PM
Surr: Bromofluorobenzene (FID)	99.3 0	59-145	%REC	1	4/22/2009 12:44 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-004A

Client Sample ID: 1001-110-10-S
Collection Date: 4/21/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:31 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Barium	120	0.13	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Chromium	17	0.088	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Cobalt	7.4	0.014	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Copper	17	0.26	2.0	mg/Kg	1	4/24/2009 04:31 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Nickel	13	0.032	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Vanadium	43	0.019	1.0	mg/Kg	1	4/24/2009 04:31 PM	
Zinc	41	0.19	1.0	mg/Kg	1	4/24/2009 04:31 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 12:58 PM	
Surr: p-Terphenyl	97.7	0	57-144	%REC	1	4/30/2009 12:58 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 12:58 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 12:58 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 12:58 PM	
Surr: p-Terphenyl	92.4	0	57-144	%REC	1	4/30/2009 12:58 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-004A

Client Sample ID: 1001-110-10-S
Collection Date: 4/21/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423B	QC Batch: 54965	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/24/2009 06:39 AM
Surr: Decachlorobiphenyl	84.9 0	30-124	%REC 1 4/24/2009 06:39 AM
Surr: Tetrachloro-m-xylene	106 0	40-118	%REC 1 4/24/2009 06:39 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:13 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/24/2009 03:43 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/24/2009 03:43 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/24/2009 03:43 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/24/2009 03:43 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/24/2009 03:43 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/24/2009 03:43 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/24/2009 03:43 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/24/2009 03:43 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/24/2009 03:43 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 03:43 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/24/2009 03:43 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/24/2009 03:43 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/24/2009 03:43 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/24/2009 03:43 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/24/2009 03:43 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-004A

Client Sample ID: 1001-110-10-S
Collection Date: 4/21/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/24/2009 03:43 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/24/2009 03:43 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/24/2009 03:43 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 03:43 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/24/2009 03:43 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/24/2009 03:43 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/24/2009 03:43 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/24/2009 03:43 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/24/2009 03:43 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/24/2009 03:43 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/24/2009 03:43 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/24/2009 03:43 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/24/2009 03:43 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/24/2009 03:43 PM
Anthracene	ND	76	330	µg/Kg	1	4/24/2009 03:43 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/24/2009 03:43 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/24/2009 03:43 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/24/2009 03:43 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/24/2009 03:43 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/24/2009 03:43 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/24/2009 03:43 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/24/2009 03:43 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/24/2009 03:43 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/24/2009 03:43 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/24/2009 03:43 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/24/2009 03:43 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/24/2009 03:43 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/24/2009 03:43 PM
Chrysene	ND	79	330	µg/Kg	1	4/24/2009 03:43 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/24/2009 03:43 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/24/2009 03:43 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/24/2009 03:43 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/24/2009 03:43 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/24/2009 03:43 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/24/2009 03:43 PM

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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-004A

Client Sample ID: 1001-110-10-S
Collection Date: 4/21/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090423A	QC Batch: 54926			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/24/2009 03:43 PM
Fluorene	ND	69	330	µg/Kg	1 4/24/2009 03:43 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/24/2009 03:43 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/24/2009 03:43 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/24/2009 03:43 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/24/2009 03:43 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/24/2009 03:43 PM
Isophorone	ND	85	330	µg/Kg	1 4/24/2009 03:43 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/24/2009 03:43 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/24/2009 03:43 PM
Naphthalene	ND	86	330	µg/Kg	1 4/24/2009 03:43 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/24/2009 03:43 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/24/2009 03:43 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/24/2009 03:43 PM
Phenol	ND	95	330	µg/Kg	1 4/24/2009 03:43 PM
Pyrene	ND	77	330	µg/Kg	1 4/24/2009 03:43 PM
Surr: 1,2-Dichlorobenzene-d4	80.4	0	49-103	%REC	1 4/24/2009 03:43 PM
Surr: 2,4,6-Tribromophenol	83.6	0	47-129	%REC	1 4/24/2009 03:43 PM
Surr: 2-Chlorophenol-d4	84.6	0	54-109	%REC	1 4/24/2009 03:43 PM
Surr: 2-Fluorobiphenyl	95.9	0	59-108	%REC	1 4/24/2009 03:43 PM
Surr: 2-Fluorophenol	82.2	0	50-111	%REC	1 4/24/2009 03:43 PM
Surr: 4-Terphenyl-d14	125	0	58-135	%REC	1 4/24/2009 03:43 PM
Surr: Nitrobenzene-d5	88.3	0	54-115	%REC	1 4/24/2009 03:43 PM
Surr: Phenol-d5	89.0	0	58-112	%REC	1 4/24/2009 03:43 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435			PrepDate:	Analyst: DDL
pH	8.4	0.10	0.10	pH Units	1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Client Sample ID: 1001-110-10-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1,1-Trichloroethane	ND	0.58	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1,2-Trichloroethane	ND	1.5	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1-Dichloroethane	ND	0.45	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,1-Dichloropropene	ND	1.4	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2,3-Trichlorobenzene	ND	0.93	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2,3-Trichloropropane	ND	0.68	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2,4-Trimethylbenzene	ND	0.77	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2-Dibromo-3-chloropropane	ND	1.7	9.0	µg/Kg	1	4/22/2009 01:41 PM	
1,2-Dibromoethane	ND	1.3	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2-Dichlorobenzene	ND	0.75	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2-Dichloroethane	ND	1.1	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,2-Dichloropropane	ND	1.4	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,3,5-Trimethylbenzene	ND	0.90	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,3-Dichlorobenzene	ND	0.91	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,3-Dichloropropane	ND	0.95	4.5	µg/Kg	1	4/22/2009 01:41 PM	
1,4-Dichlorobenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 01:41 PM	
2,2-Dichloropropane	ND	0.78	4.5	µg/Kg	1	4/22/2009 01:41 PM	
2-Chlorotoluene	ND	0.59	4.5	µg/Kg	1	4/22/2009 01:41 PM	
4-Chlorotoluene	ND	0.61	4.5	µg/Kg	1	4/22/2009 01:41 PM	
4-Isopropyltoluene	ND	0.52	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Benzene	ND	0.74	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Bromobenzene	ND	1.4	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Bromodichloromethane	ND	0.77	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Bromoform	ND	1.1	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Bromomethane	ND	0.79	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Carbon tetrachloride	ND	1.2	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Chlorobenzene	ND	0.81	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Chloroethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Chloroform	ND	0.56	4.5	µg/Kg	1	4/22/2009 01:41 PM	
Chloromethane	ND	0.74	4.5	µg/Kg	1	4/22/2009 01:41 PM	
cis-1,2-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/22/2009 01:41 PM	

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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.5	µg/Kg 1 4/22/2009 01:41 PM
Dibromochloromethane	ND 0.61	4.5	µg/Kg 1 4/22/2009 01:41 PM
Dibromomethane	ND 1.5	4.5	µg/Kg 1 4/22/2009 01:41 PM
Dichlorodifluoromethane	ND 0.54	4.5	µg/Kg 1 4/22/2009 01:41 PM
Ethylbenzene	ND 0.82	4.5	µg/Kg 1 4/22/2009 01:41 PM
Hexachlorobutadiene	ND 3.1	4.5	µg/Kg 1 4/22/2009 01:41 PM
Isopropylbenzene	ND 1.1	4.5	µg/Kg 1 4/22/2009 01:41 PM
m,p-Xylene	ND 1.5	9.0	µg/Kg 1 4/22/2009 01:41 PM
Methylene chloride	ND 4.5	4.5	µg/Kg 1 4/22/2009 01:41 PM
n-Butylbenzene	ND 0.94	4.5	µg/Kg 1 4/22/2009 01:41 PM
n-Propylbenzene	ND 0.81	4.5	µg/Kg 1 4/22/2009 01:41 PM
Naphthalene	ND 1.5	4.5	µg/Kg 1 4/22/2009 01:41 PM
o-Xylene	ND 0.93	4.5	µg/Kg 1 4/22/2009 01:41 PM
sec-Butylbenzene	ND 0.77	4.5	µg/Kg 1 4/22/2009 01:41 PM
Styrene	ND 0.81	4.5	µg/Kg 1 4/22/2009 01:41 PM
tert-Butylbenzene	ND 0.55	4.5	µg/Kg 1 4/22/2009 01:41 PM
Tetrachloroethene	ND 0.95	4.5	µg/Kg 1 4/22/2009 01:41 PM
Toluene	ND 0.75	4.5	µg/Kg 1 4/22/2009 01:41 PM
trans-1,2-Dichloroethene	ND 0.89	4.5	µg/Kg 1 4/22/2009 01:41 PM
Trichloroethene	ND 1.8	4.5	µg/Kg 1 4/22/2009 01:41 PM
Trichlorofluoromethane	ND 1.0	4.5	µg/Kg 1 4/22/2009 01:41 PM
Vinyl chloride	ND 0.53	4.5	µg/Kg 1 4/22/2009 01:41 PM
Surr: 1,2-Dichloroethane-d4	111 0	68-147	%REC 1 4/22/2009 01:41 PM
Surr: 4-Bromofluorobenzene	102 0	67-127	%REC 1 4/22/2009 01:41 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/22/2009 01:41 PM
Surr: Toluene-d8	104 0	75-120	%REC 1 4/22/2009 01:41 PM

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Client Sample ID: 1001-110-10-S
Collection Date: 4/21/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: **GC2_090422A** QC Batch: **E09VS107** PrepDate: **4/21/2009** Analyst: **KHN**
GRO ND 0.14 0.94 mg/Kg 1 4/22/2009 01:00 PM
Surr: Bromofluorobenzene (FID) 113 0 59-145 %REC 1 4/22/2009 01:00 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: **GC2_090422A** QC Batch: **E09VS107** PrepDate: **4/21/2009** Analyst: **KHN**
T/R Hydrocarbons: C4-C12 ND 0.18 0.94 mg/Kg 1 4/22/2009 01:00 PM
Surr: Bromofluorobenzene (FID) 113 0 59-145 %REC 1 4/22/2009 01:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:34 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Barium	75	0.13	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Chromium	9.7	0.088	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Cobalt	4.3	0.014	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Copper	12	0.26	2.0	mg/Kg	1	4/24/2009 04:34 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Nickel	7.0	0.032	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Vanadium	28	0.019	1.0	mg/Kg	1	4/24/2009 04:34 PM	
Zinc	24	0.19	1.0	mg/Kg	1	4/24/2009 04:34 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
Surr: p-Terphenyl	97.9	0	57-144	%REC	1	4/30/2009 01:25 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 01:25 PM	
Surr: p-Terphenyl	93.0	0	57-144	%REC	1	4/30/2009 01:25 PM	

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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423B	QC Batch: 54965	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/24/2009 07:09 AM
Surr: Decachlorobiphenyl	79.9 0	30-124	%REC 1 4/24/2009 07:09 AM
Surr: Tetrachloro-m-xylene	92.0 0	40-118	%REC 1 4/24/2009 07:09 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:15 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 05:44 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 05:44 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 05:44 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 05:44 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 05:44 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 05:44 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 05:44 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 05:44 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 05:44 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 05:44 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 05:44 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 05:44 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 05:44 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 05:44 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 05:44 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 05:44 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 05:44 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 05:44 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 05:44 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 05:44 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 05:44 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 05:44 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 05:44 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 05:44 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 05:44 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 05:44 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 05:44 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 05:44 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 05:44 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 05:44 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 05:44 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 05:44 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 05:44 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 05:44 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 05:44 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 05:44 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 05:44 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 05:44 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 05:44 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 05:44 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 05:44 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 05:44 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 05:44 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 05:44 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 05:44 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 05:44 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 05:44 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 05:44 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 05:44 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 05:44 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-005A

Client Sample ID: 1001-110-20-S
Collection Date: 4/21/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 05:44 PM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 05:44 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 05:44 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 05:44 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 05:44 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 05:44 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 05:44 PM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 05:44 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 05:44 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 05:44 PM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 05:44 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 05:44 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 05:44 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 05:44 PM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 05:44 PM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 05:44 PM
Surr: 1,2-Dichlorobenzene-d4	66.6	0	49-103	%REC	1	4/23/2009 05:44 PM
Surr: 2,4,6-Tribromophenol	86.2	0	47-129	%REC	1	4/23/2009 05:44 PM
Surr: 2-Chlorophenol-d4	74.3	0	54-109	%REC	1	4/23/2009 05:44 PM
Surr: 2-Fluorobiphenyl	82.1	0	59-108	%REC	1	4/23/2009 05:44 PM
Surr: 2-Fluorophenol	74.9	0	50-111	%REC	1	4/23/2009 05:44 PM
Surr: 4-Terphenyl-d14	96.5	0	58-135	%REC	1	4/23/2009 05:44 PM
Surr: Nitrobenzene-d5	85.4	0	54-115	%REC	1	4/23/2009 05:44 PM
Surr: Phenol-d5	77.9	0	58-112	%REC	1	4/23/2009 05:44 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-005B

Client Sample ID: 1001-110-20-S
Collection Date: 4/21/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.8	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1,1-Trichloroethane	ND	0.67	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1,2,2-Tetrachloroethane	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1,2-Trichloroethane	ND	1.7	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1-Dichloroethane	ND	0.52	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1-Dichloroethene	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,1-Dichloropropene	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2,3-Trichlorobenzene	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2,3-Trichloropropane	ND	0.78	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2,4-Trichlorobenzene	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2,4-Trimethylbenzene	ND	0.89	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2-Dibromo-3-chloropropane	ND	2.0	10	µg/Kg	1	4/22/2009 01:58 PM	
1,2-Dibromoethane	ND	1.5	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2-Dichlorobenzene	ND	0.86	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2-Dichloroethane	ND	1.2	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,2-Dichloropropane	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,3,5-Trimethylbenzene	ND	1.0	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,3-Dichlorobenzene	ND	1.0	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,3-Dichloropropane	ND	1.1	5.2	µg/Kg	1	4/22/2009 01:58 PM	
1,4-Dichlorobenzene	ND	1.2	5.2	µg/Kg	1	4/22/2009 01:58 PM	
2,2-Dichloropropane	ND	0.91	5.2	µg/Kg	1	4/22/2009 01:58 PM	
2-Chlorotoluene	ND	0.69	5.2	µg/Kg	1	4/22/2009 01:58 PM	
4-Chlorotoluene	ND	0.70	5.2	µg/Kg	1	4/22/2009 01:58 PM	
4-Isopropyltoluene	ND	0.59	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Benzene	ND	0.85	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Bromobenzene	ND	1.6	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Bromodichloromethane	ND	0.89	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Bromoform	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Bromomethane	ND	0.91	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Carbon tetrachloride	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Chlorobenzene	ND	0.93	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Chloroethane	ND	1.4	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Chloroform	ND	0.64	5.2	µg/Kg	1	4/22/2009 01:58 PM	
Chloromethane	ND	0.85	5.2	µg/Kg	1	4/22/2009 01:58 PM	
cis-1,2-Dichloroethene	ND	1.3	5.2	µg/Kg	1	4/22/2009 01:58 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-005B

Client Sample ID: 1001-110-20-S
Collection Date: 4/21/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.3	5.2	µg/Kg 1 4/22/2009 01:58 PM
Dibromochloromethane	ND 0.71	5.2	µg/Kg 1 4/22/2009 01:58 PM
Dibromomethane	ND 1.8	5.2	µg/Kg 1 4/22/2009 01:58 PM
Dichlorodifluoromethane	ND 0.62	5.2	µg/Kg 1 4/22/2009 01:58 PM
Ethylbenzene	ND 0.95	5.2	µg/Kg 1 4/22/2009 01:58 PM
Hexachlorobutadiene	ND 3.5	5.2	µg/Kg 1 4/22/2009 01:58 PM
Isopropylbenzene	ND 1.3	5.2	µg/Kg 1 4/22/2009 01:58 PM
m,p-Xylene	ND 1.8	10	µg/Kg 1 4/22/2009 01:58 PM
Methylene chloride	ND 5.2	5.2	µg/Kg 1 4/22/2009 01:58 PM
n-Butylbenzene	ND 1.1	5.2	µg/Kg 1 4/22/2009 01:58 PM
n-Propylbenzene	ND 0.94	5.2	µg/Kg 1 4/22/2009 01:58 PM
Naphthalene	ND 1.7	5.2	µg/Kg 1 4/22/2009 01:58 PM
o-Xylene	ND 1.1	5.2	µg/Kg 1 4/22/2009 01:58 PM
sec-Butylbenzene	ND 0.89	5.2	µg/Kg 1 4/22/2009 01:58 PM
Styrene	ND 0.93	5.2	µg/Kg 1 4/22/2009 01:58 PM
tert-Butylbenzene	ND 0.63	5.2	µg/Kg 1 4/22/2009 01:58 PM
Tetrachloroethene	ND 1.1	5.2	µg/Kg 1 4/22/2009 01:58 PM
Toluene	ND 0.86	5.2	µg/Kg 1 4/22/2009 01:58 PM
trans-1,2-Dichloroethene	ND 1.0	5.2	µg/Kg 1 4/22/2009 01:58 PM
Trichloroethene	ND 2.0	5.2	µg/Kg 1 4/22/2009 01:58 PM
Trichlorofluoromethane	ND 1.2	5.2	µg/Kg 1 4/22/2009 01:58 PM
Vinyl chloride	ND 0.61	5.2	µg/Kg 1 4/22/2009 01:58 PM
Surr: 1,2-Dichloroethane-d4	116 0	68-147	%REC 1 4/22/2009 01:58 PM
Surr: 4-Bromofluorobenzene	106 0	67-127	%REC 1 4/22/2009 01:58 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/22/2009 01:58 PM
Surr: Toluene-d8	114 0	75-120	%REC 1 4/22/2009 01:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-005E

Client Sample ID: 1001-110-20-S
Collection Date: 4/21/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.13	0.89	mg/Kg	1	4/22/2009 01:15 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	%REC	1	4/22/2009 01:15 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.17	0.89	mg/Kg	1	4/22/2009 01:15 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	%REC	1	4/22/2009 01:15 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006A

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:36 PM	
Arsenic	20	0.27	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Barium	150	0.13	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Chromium	19	0.088	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Cobalt	8.2	0.014	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Copper	20	0.26	2.0	mg/Kg	1	4/24/2009 04:36 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Nickel	14	0.032	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Vanadium	46	0.019	1.0	mg/Kg	1	4/24/2009 04:36 PM	
Zinc	49	0.19	1.0	mg/Kg	1	4/24/2009 04:36 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	89	10	10	mg/Kg	1	4/30/2009 01:52 PM	
Surr: p-Terphenyl	94.0	0	57-144	%REC	1	4/30/2009 01:52 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	27	10	10	mg/Kg	1	4/30/2009 01:52 PM	
T/R Hydrocarbons: C23-C32	170	10	10	mg/Kg	1	4/30/2009 01:52 PM	
T/R Hydrocarbons:>C32	350	10	10	mg/Kg	1	4/30/2009 01:52 PM	
Surr: p-Terphenyl	94.0	0	57-144	%REC	1	4/30/2009 01:52 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006A

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423B	QC Batch: 54965			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 07:39 AM
Surr: Decachlorobiphenyl	76.4	0	30-124	%REC	1	4/24/2009 07:39 AM
Surr: Tetrachloro-m-xylene	97.5	0	40-118	%REC	1	4/24/2009 07:39 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A	
RunID: AA5_090423B	QC Batch: 54933
Mercury	ND 0.021 0.10 mg/Kg
	PrepDate: 4/23/2009 Analyst: RQ
	1 4/23/2009 12:17 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090423A	QC Batch: 54928			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
1,2-Dichlorobenzene	ND	1300	5000	µg/Kg	5	4/23/2009 10:23 PM
1,3-Dichlorobenzene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
1,4-Dichlorobenzene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
2,4,5-Trichlorophenol	ND	840	5000	µg/Kg	5	4/23/2009 10:23 PM
2,4,6-Trichlorophenol	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
2,4-Dichlorophenol	ND	1300	25000	µg/Kg	5	4/23/2009 10:23 PM
2,4-Dimethylphenol	ND	1300	5000	µg/Kg	5	4/23/2009 10:23 PM
2,4-Dinitrophenol	ND	670	25000	µg/Kg	5	4/23/2009 10:23 PM
2,4-Dinitrotoluene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
2,6-Dinitrotoluene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
2-Chloronaphthalene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
2-Chlorophenol	ND	1300	5000	µg/Kg	5	4/23/2009 10:23 PM
2-Methylnaphthalene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
2-Methylphenol	ND	1400	5000	µg/Kg	5	4/23/2009 10:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006A

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	1200	25000	µg/Kg	5	4/23/2009 10:23 PM
2-Nitrophenol	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
3,3'-Dichlorobenzidine	ND	1200	9900	µg/Kg	5	4/23/2009 10:23 PM
3-Nitroaniline	ND	900	25000	µg/Kg	5	4/23/2009 10:23 PM
4,6-Dinitro-2-methylphenol	ND	950	25000	µg/Kg	5	4/23/2009 10:23 PM
4-Bromophenyl-phenylether	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
4-Chloro-3-methylphenol	ND	1100	9900	µg/Kg	5	4/23/2009 10:23 PM
4-Chloroaniline	ND	1100	9900	µg/Kg	5	4/23/2009 10:23 PM
4-Chlorophenyl-phenylether	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
4-Methylphenol	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
4-Nitroaniline	ND	910	25000	µg/Kg	5	4/23/2009 10:23 PM
4-Nitrophenol	ND	1100	25000	µg/Kg	5	4/23/2009 10:23 PM
Acenaphthene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Acenaphthylene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
Anthracene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzidine (M)	ND	1100	25000	µg/Kg	5	4/23/2009 10:23 PM
Benzo(a)anthracene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzo(a)pyrene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzo(b)fluoranthene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzo(g,h,i)perylene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzo(k)fluoranthene	ND	1500	5000	µg/Kg	5	4/23/2009 10:23 PM
Benzoic acid	ND	960	25000	µg/Kg	5	4/23/2009 10:23 PM
Benzyl alcohol	ND	1300	9900	µg/Kg	5	4/23/2009 10:23 PM
Bis(2-chloroethoxy)methane	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Bis(2-chloroethyl)ether	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Bis(2-chloroisopropyl)ether	ND	1400	5000	µg/Kg	5	4/23/2009 10:23 PM
Bis(2-ethylhexyl)phthalate	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Butylbenzylphthalate	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Chrysene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Di-n-butylphthalate	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Di-n-octylphthalate	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Dibenz(a,h)anthracene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Dibenzofuran	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
Diethylphthalate	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Dimethylphthalate	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006A

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Fluorene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
Hexachlorobenzene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Hexachlorobutadiene	ND	1200	9900	µg/Kg	5	4/23/2009 10:23 PM
Hexachlorocyclopentadiene	ND	1200	9900	µg/Kg	5	4/23/2009 10:23 PM
Hexachloroethane	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Indeno(1,2,3-cd)pyrene	ND	1000	5000	µg/Kg	5	4/23/2009 10:23 PM
Isophorone	ND	1300	5000	µg/Kg	5	4/23/2009 10:23 PM
N-Nitrosodi-n-propylamine	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
N-Nitrosodiphenylamine	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Naphthalene	ND	1300	5000	µg/Kg	5	4/23/2009 10:23 PM
Nitrobenzene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Pentachlorophenol	ND	820	25000	µg/Kg	5	4/23/2009 10:23 PM
Phenanthrene	ND	1100	5000	µg/Kg	5	4/23/2009 10:23 PM
Phenol	ND	1400	5000	µg/Kg	5	4/23/2009 10:23 PM
Pyrene	ND	1200	5000	µg/Kg	5	4/23/2009 10:23 PM
Surr: 1,2-Dichlorobenzene-d4	89.2	0	49-103	%REC	5	4/23/2009 10:23 PM
Surr: 2,4,6-Tribromophenol	78.8	0	47-129	%REC	5	4/23/2009 10:23 PM
Surr: 2-Chlorophenol-d4	94.0	0	54-109	%REC	5	4/23/2009 10:23 PM
Surr: 2-Fluorobiphenyl	98.8	0	59-108	%REC	5	4/23/2009 10:23 PM
Surr: 2-Fluorophenol	99.7	0	50-111	%REC	5	4/23/2009 10:23 PM
Surr: 4-Terphenyl-d14	108	0	58-135	%REC	5	4/23/2009 10:23 PM
Surr: Nitrobenzene-d5	105	0	54-115	%REC	5	4/23/2009 10:23 PM
Surr: Phenol-d5	95.0	0	58-112	%REC	5	4/23/2009 10:23 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL			
pH	8.1	0.10	0.10	pH Units	1	4/23/2009

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006B

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1,1-Trichloroethane	ND	0.60	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1-Dichloroethane	ND	0.47	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2,3-Trichlorobenzene	ND	0.96	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2,3-Trichloropropane	ND	0.70	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2,4-Trimethylbenzene	ND	0.80	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.3	µg/Kg	1	4/22/2009 02:14 PM	
1,2-Dibromoethane	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2-Dichlorobenzene	ND	0.77	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,2-Dichloropropane	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,3,5-Trimethylbenzene	ND	0.93	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,3-Dichlorobenzene	ND	0.94	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,3-Dichloropropane	ND	0.98	4.6	µg/Kg	1	4/22/2009 02:14 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:14 PM	
2,2-Dichloropropane	ND	0.81	4.6	µg/Kg	1	4/22/2009 02:14 PM	
2-Chlorotoluene	ND	0.61	4.6	µg/Kg	1	4/22/2009 02:14 PM	
4-Chlorotoluene	ND	0.63	4.6	µg/Kg	1	4/22/2009 02:14 PM	
4-Isopropyltoluene	ND	0.53	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Benzene	ND	0.76	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Bromodichloromethane	ND	0.79	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Bromomethane	ND	0.81	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Chlorobenzene	ND	0.83	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Chloroform	ND	0.58	4.6	µg/Kg	1	4/22/2009 02:14 PM	
Chloromethane	ND	0.76	4.6	µg/Kg	1	4/22/2009 02:14 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:14 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006B

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.6	µg/Kg 1 4/22/2009 02:14 PM
Dibromochloromethane	ND 0.63	4.6	µg/Kg 1 4/22/2009 02:14 PM
Dibromomethane	ND 1.6	4.6	µg/Kg 1 4/22/2009 02:14 PM
Dichlorodifluoromethane	ND 0.56	4.6	µg/Kg 1 4/22/2009 02:14 PM
Ethylbenzene	ND 0.84	4.6	µg/Kg 1 4/22/2009 02:14 PM
Hexachlorobutadiene	ND 3.1	4.6	µg/Kg 1 4/22/2009 02:14 PM
Isopropylbenzene	ND 1.1	4.6	µg/Kg 1 4/22/2009 02:14 PM
m,p-Xylene	ND 1.6	9.3	µg/Kg 1 4/22/2009 02:14 PM
Methylene chloride	ND 4.6	4.6	µg/Kg 1 4/22/2009 02:14 PM
n-Butylbenzene	ND 0.97	4.6	µg/Kg 1 4/22/2009 02:14 PM
n-Propylbenzene	ND 0.84	4.6	µg/Kg 1 4/22/2009 02:14 PM
Naphthalene	ND 1.5	4.6	µg/Kg 1 4/22/2009 02:14 PM
o-Xylene	ND 0.95	4.6	µg/Kg 1 4/22/2009 02:14 PM
sec-Butylbenzene	ND 0.79	4.6	µg/Kg 1 4/22/2009 02:14 PM
Styrene	ND 0.83	4.6	µg/Kg 1 4/22/2009 02:14 PM
tert-Butylbenzene	ND 0.56	4.6	µg/Kg 1 4/22/2009 02:14 PM
Tetrachloroethene	6.4 0.98	4.6	µg/Kg 1 4/22/2009 02:14 PM
Toluene	ND 0.77	4.6	µg/Kg 1 4/22/2009 02:14 PM
trans-1,2-Dichloroethene	ND 0.92	4.6	µg/Kg 1 4/22/2009 02:14 PM
Trichloroethene	ND 1.8	4.6	µg/Kg 1 4/22/2009 02:14 PM
Trichlorofluoromethane	ND 1.1	4.6	µg/Kg 1 4/22/2009 02:14 PM
Vinyl chloride	ND 0.55	4.6	µg/Kg 1 4/22/2009 02:14 PM
Surr: 1,2-Dichloroethane-d4	127 0	68-147	%REC 1 4/22/2009 02:14 PM
Surr: 4-Bromofluorobenzene	101 0	67-127	%REC 1 4/22/2009 02:14 PM
Surr: Dibromofluoromethane	123 0	72-141	%REC 1 4/22/2009 02:14 PM
Surr: Toluene-d8	100 0	75-120	%REC 1 4/22/2009 02:14 PM

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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-006E

Client Sample ID: 1001-109-2-S
Collection Date: 4/21/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.15	1.0	mg/Kg	1	4/22/2009 01:31 PM
Surr: Bromofluorobenzene (FID)	95.0 0	59-145	%REC	1	4/22/2009 01:31 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg	1	4/22/2009 01:31 PM
Surr: Bromofluorobenzene (FID)	95.0 0	59-145	%REC	1	4/22/2009 01:31 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007A

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:39 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Barium	180	0.13	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Chromium	25	0.088	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Cobalt	10	0.014	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Copper	28	0.26	2.0	mg/Kg	1	4/24/2009 04:39 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Nickel	19	0.032	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Vanadium	59	0.019	1.0	mg/Kg	1	4/24/2009 04:39 PM	
Zinc	59	0.19	1.0	mg/Kg	1	4/24/2009 04:39 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_090430A	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 02:19 PM	
Surr: p-Terphenyl	106	0	57-144	%REC	1	4/30/2009 02:19 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_090430A	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 02:19 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 02:19 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 02:19 PM	
Surr: p-Terphenyl	106	0	57-144	%REC	1	4/30/2009 02:19 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007A

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423B	QC Batch: 54965			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 08:09 AM
Surr: Decachlorobiphenyl	79.3	0	30-124	%REC	1	4/24/2009 08:09 AM
Surr: Tetrachloro-m-xylene	103	0	40-118	%REC	1	4/24/2009 08:09 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A	
RunID: AA5_090423B	QC Batch: 54933
Mercury	ND 0.021 0.10 mg/Kg
	PrepDate: 4/23/2009 Analyst: RQ
	1 4/23/2009 12:19 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090423A	QC Batch: 54928			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 06:12 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 06:12 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 06:12 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 06:12 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 06:12 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 06:12 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 06:12 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 06:12 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 06:12 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 06:12 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 06:12 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 06:12 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 06:12 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 06:12 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 06:12 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007A

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 06:12 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 06:12 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 06:12 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 06:12 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 06:12 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 06:12 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 06:12 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 06:12 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 06:12 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 06:12 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 06:12 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 06:12 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 06:12 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 06:12 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 06:12 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 06:12 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 06:12 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 06:12 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 06:12 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 06:12 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 06:12 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 06:12 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 06:12 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 06:12 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 06:12 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 06:12 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 06:12 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 06:12 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 06:12 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 06:12 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 06:12 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 06:12 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 06:12 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 06:12 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 06:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007A

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928			PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND	73	330	µg/Kg	1 4/23/2009 06:12 PM
Fluorene	ND	69	330	µg/Kg	1 4/23/2009 06:12 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1 4/23/2009 06:12 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1 4/23/2009 06:12 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1 4/23/2009 06:12 PM
Hexachloroethane	ND	81	330	µg/Kg	1 4/23/2009 06:12 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1 4/23/2009 06:12 PM
Isophorone	ND	85	330	µg/Kg	1 4/23/2009 06:12 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1 4/23/2009 06:12 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1 4/23/2009 06:12 PM
Naphthalene	ND	86	330	µg/Kg	1 4/23/2009 06:12 PM
Nitrobenzene	ND	82	330	µg/Kg	1 4/23/2009 06:12 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1 4/23/2009 06:12 PM
Phenanthrene	ND	76	330	µg/Kg	1 4/23/2009 06:12 PM
Phenol	ND	95	330	µg/Kg	1 4/23/2009 06:12 PM
Pyrene	ND	77	330	µg/Kg	1 4/23/2009 06:12 PM
Surr: 1,2-Dichlorobenzene-d4	80.6	0	49-103	%REC	1 4/23/2009 06:12 PM
Surr: 2,4,6-Tribromophenol	93.4	0	47-129	%REC	1 4/23/2009 06:12 PM
Surr: 2-Chlorophenol-d4	86.5	0	54-109	%REC	1 4/23/2009 06:12 PM
Surr: 2-Fluorobiphenyl	91.4	0	59-108	%REC	1 4/23/2009 06:12 PM
Surr: 2-Fluorophenol	86.7	0	50-111	%REC	1 4/23/2009 06:12 PM
Surr: 4-Terphenyl-d14	108	0	58-135	%REC	1 4/23/2009 06:12 PM
Surr: Nitrobenzene-d5	98.4	0	54-115	%REC	1 4/23/2009 06:12 PM
Surr: Phenol-d5	90.7	0	58-112	%REC	1 4/23/2009 06:12 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435			PrepDate:	Analyst: DDL
pH	7.9	0.10	0.10	pH Units	1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007B

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1,1-Trichloroethane	ND	0.59	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1-Dichloroethane	ND	0.46	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2,3-Trichlorobenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2,3-Trichloropropane	ND	0.69	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2,4-Trimethylbenzene	ND	0.79	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.2	µg/Kg	1	4/22/2009 02:31 PM	
1,2-Dibromoethane	ND	1.3	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2-Dichlorobenzene	ND	0.76	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,3,5-Trimethylbenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,3-Dichlorobenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,3-Dichloropropane	ND	0.96	4.6	µg/Kg	1	4/22/2009 02:31 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM	
2,2-Dichloropropane	ND	0.80	4.6	µg/Kg	1	4/22/2009 02:31 PM	
2-Chlorotoluene	ND	0.60	4.6	µg/Kg	1	4/22/2009 02:31 PM	
4-Chlorotoluene	ND	0.62	4.6	µg/Kg	1	4/22/2009 02:31 PM	
4-Isopropyltoluene	ND	0.52	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Benzene	ND	0.75	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Bromodichloromethane	ND	0.78	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Bromomethane	ND	0.80	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Chlorobenzene	ND	0.82	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Chloroform	ND	0.57	4.6	µg/Kg	1	4/22/2009 02:31 PM	
Chloromethane	ND	0.75	4.6	µg/Kg	1	4/22/2009 02:31 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007B

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/22/2009 02:31 PM
Dibromochloromethane	ND	0.62	4.6	µg/Kg	1	4/22/2009 02:31 PM
Dibromomethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:31 PM
Dichlorodifluoromethane	ND	0.55	4.6	µg/Kg	1	4/22/2009 02:31 PM
Ethylbenzene	ND	0.83	4.6	µg/Kg	1	4/22/2009 02:31 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/22/2009 02:31 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM
m,p-Xylene	ND	1.5	9.2	µg/Kg	1	4/22/2009 02:31 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/22/2009 02:31 PM
n-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 02:31 PM
n-Propylbenzene	ND	0.83	4.6	µg/Kg	1	4/22/2009 02:31 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/22/2009 02:31 PM
o-Xylene	ND	0.94	4.6	µg/Kg	1	4/22/2009 02:31 PM
sec-Butylbenzene	ND	0.78	4.6	µg/Kg	1	4/22/2009 02:31 PM
Styrene	ND	0.82	4.6	µg/Kg	1	4/22/2009 02:31 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/22/2009 02:31 PM
Tetrachloroethene	ND	0.97	4.6	µg/Kg	1	4/22/2009 02:31 PM
Toluene	ND	0.76	4.6	µg/Kg	1	4/22/2009 02:31 PM
trans-1,2-Dichloroethene	ND	0.91	4.6	µg/Kg	1	4/22/2009 02:31 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/22/2009 02:31 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 02:31 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/22/2009 02:31 PM
Surr: 1,2-Dichloroethane-d4	133	0	68-147	%REC	1	4/22/2009 02:31 PM
Surr: 4-Bromofluorobenzene	108	0	67-127	%REC	1	4/22/2009 02:31 PM
Surr: Dibromofluoromethane	121	0	72-141	%REC	1	4/22/2009 02:31 PM
Surr: Toluene-d8	111	0	75-120	%REC	1	4/22/2009 02:31 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-007E

Client Sample ID: 1001-109-5-S
Collection Date: 4/21/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.14	0.94	mg/Kg 1 4/22/2009 01:46 PM
Surr: Bromofluorobenzene (FID)	103 0	59-145	%REC 1 4/22/2009 01:46 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.94	mg/Kg 1 4/22/2009 01:46 PM
Surr: Bromofluorobenzene (FID)	103 0	59-145	%REC 1 4/22/2009 01:46 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008A

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:49 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Barium	81	0.13	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Chromium	13	0.088	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Cobalt	5.0	0.014	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Copper	11	0.26	2.0	mg/Kg	1	4/24/2009 04:49 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Nickel	9.3	0.032	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Vanadium	35	0.019	1.0	mg/Kg	1	4/24/2009 04:49 PM	
Zinc	28	0.19	1.0	mg/Kg	1	4/24/2009 04:49 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/30/2009 10:43 AM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/30/2009 10:43 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 10:43 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/30/2009 10:43 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/30/2009 10:43 AM	
Surr: p-Terphenyl	96.7	0	57-144	%REC	1	4/30/2009 10:43 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008A

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423B	QC Batch: 54965	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/24/2009 08:38 AM
Surr: Decachlorobiphenyl	83.0 0	30-124	%REC 1 4/24/2009 08:38 AM
Surr: Tetrachloro-m-xylene	101 0	40-118	%REC 1 4/24/2009 08:38 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:21 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 06:40 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 06:40 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 06:40 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 06:40 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 06:40 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 06:40 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 06:40 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 06:40 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 06:40 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 06:40 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 06:40 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 06:40 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 06:40 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 06:40 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 06:40 PM

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ANALYTICAL RESULTS

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CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008A

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/23/2009 06:40 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/23/2009 06:40 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/23/2009 06:40 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 06:40 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/23/2009 06:40 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/23/2009 06:40 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/23/2009 06:40 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/23/2009 06:40 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/23/2009 06:40 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/23/2009 06:40 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/23/2009 06:40 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/23/2009 06:40 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/23/2009 06:40 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/23/2009 06:40 PM
Anthracene	ND 76	330	µg/Kg 1 4/23/2009 06:40 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/23/2009 06:40 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/23/2009 06:40 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/23/2009 06:40 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/23/2009 06:40 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/23/2009 06:40 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/23/2009 06:40 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/23/2009 06:40 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/23/2009 06:40 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/23/2009 06:40 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/23/2009 06:40 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/23/2009 06:40 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/23/2009 06:40 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/23/2009 06:40 PM
Chrysene	ND 79	330	µg/Kg 1 4/23/2009 06:40 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/23/2009 06:40 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/23/2009 06:40 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/23/2009 06:40 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/23/2009 06:40 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/23/2009 06:40 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/23/2009 06:40 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008A

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND 73	330	µg/Kg 1 4/23/2009 06:40 PM
Fluorene	ND 69	330	µg/Kg 1 4/23/2009 06:40 PM
Hexachlorobenzene	ND 76	330	µg/Kg 1 4/23/2009 06:40 PM
Hexachlorobutadiene	ND 77	660	µg/Kg 1 4/23/2009 06:40 PM
Hexachlorocyclopentadiene	ND 80	660	µg/Kg 1 4/23/2009 06:40 PM
Hexachloroethane	ND 81	330	µg/Kg 1 4/23/2009 06:40 PM
Indeno(1,2,3-cd)pyrene	ND 69	330	µg/Kg 1 4/23/2009 06:40 PM
Isophorone	ND 85	330	µg/Kg 1 4/23/2009 06:40 PM
N-Nitrosodi-n-propylamine	ND 82	330	µg/Kg 1 4/23/2009 06:40 PM
N-Nitrosodiphenylamine	ND 79	330	µg/Kg 1 4/23/2009 06:40 PM
Naphthalene	ND 86	330	µg/Kg 1 4/23/2009 06:40 PM
Nitrobenzene	ND 82	330	µg/Kg 1 4/23/2009 06:40 PM
Pentachlorophenol	ND 55	1600	µg/Kg 1 4/23/2009 06:40 PM
Phenanthrene	ND 76	330	µg/Kg 1 4/23/2009 06:40 PM
Phenol	ND 95	330	µg/Kg 1 4/23/2009 06:40 PM
Pyrene	ND 77	330	µg/Kg 1 4/23/2009 06:40 PM
Surr: 1,2-Dichlorobenzene-d4	79.2 0	49-103	%REC 1 4/23/2009 06:40 PM
Surr: 2,4,6-Tribromophenol	87.5 0	47-129	%REC 1 4/23/2009 06:40 PM
Surr: 2-Chlorophenol-d4	84.1 0	54-109	%REC 1 4/23/2009 06:40 PM
Surr: 2-Fluorobiphenyl	87.4 0	59-108	%REC 1 4/23/2009 06:40 PM
Surr: 2-Fluorophenol	85.1 0	50-111	%REC 1 4/23/2009 06:40 PM
Surr: 4-Terphenyl-d14	99.0 0	58-135	%REC 1 4/23/2009 06:40 PM
Surr: Nitrobenzene-d5	95.7 0	54-115	%REC 1 4/23/2009 06:40 PM
Surr: Phenol-d5	87.6 0	58-112	%REC 1 4/23/2009 06:40 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL
pH	8.4 0.10	0.10	pH Units 1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008B

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.7	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1,1-Trichloroethane	ND	0.64	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1,2,2-Tetrachloroethane	ND	1.6	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1,2-Trichloroethane	ND	1.6	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1-Dichloroethane	ND	0.50	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1-Dichloroethene	ND	1.3	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,1-Dichloropropene	ND	1.5	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2,3-Trichlorobenzene	ND	1.0	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2,3-Trichloropropane	ND	0.74	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2,4-Trichlorobenzene	ND	1.3	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2,4-Trimethylbenzene	ND	0.85	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2-Dibromo-3-chloropropane	ND	1.9	9.9	µg/Kg	1	4/22/2009 02:48 PM	
1,2-Dibromoethane	ND	1.5	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2-Dichlorobenzene	ND	0.83	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2-Dichloroethane	ND	1.2	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,2-Dichloropropane	ND	1.6	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,3,5-Trimethylbenzene	ND	0.99	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,3-Dichlorobenzene	ND	1.0	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,3-Dichloropropane	ND	1.0	5.0	µg/Kg	1	4/22/2009 02:48 PM	
1,4-Dichlorobenzene	ND	1.2	5.0	µg/Kg	1	4/22/2009 02:48 PM	
2,2-Dichloropropane	ND	0.86	5.0	µg/Kg	1	4/22/2009 02:48 PM	
2-Chlorotoluene	ND	0.65	5.0	µg/Kg	1	4/22/2009 02:48 PM	
4-Chlorotoluene	ND	0.67	5.0	µg/Kg	1	4/22/2009 02:48 PM	
4-Isopropyltoluene	ND	0.57	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Benzene	ND	0.82	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Bromobenzene	ND	1.6	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Bromodichloromethane	ND	0.85	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Bromoform	ND	1.2	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Bromomethane	ND	0.87	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Carbon tetrachloride	ND	1.3	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Chlorobenzene	ND	0.89	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Chloroethane	ND	1.3	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Chloroform	ND	0.62	5.0	µg/Kg	1	4/22/2009 02:48 PM	
Chloromethane	ND	0.81	5.0	µg/Kg	1	4/22/2009 02:48 PM	
cis-1,2-Dichloroethene	ND	1.2	5.0	µg/Kg	1	4/22/2009 02:48 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008B

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.3	5.0	µg/Kg 1 4/22/2009 02:48 PM
Dibromochloromethane	ND 0.68	5.0	µg/Kg 1 4/22/2009 02:48 PM
Dibromomethane	ND 1.7	5.0	µg/Kg 1 4/22/2009 02:48 PM
Dichlorodifluoromethane	ND 0.60	5.0	µg/Kg 1 4/22/2009 02:48 PM
Ethylbenzene	ND 0.90	5.0	µg/Kg 1 4/22/2009 02:48 PM
Hexachlorobutadiene	ND 3.4	5.0	µg/Kg 1 4/22/2009 02:48 PM
Isopropylbenzene	ND 1.2	5.0	µg/Kg 1 4/22/2009 02:48 PM
m,p-Xylene	ND 1.7	9.9	µg/Kg 1 4/22/2009 02:48 PM
Methylene chloride	ND 5.0	5.0	µg/Kg 1 4/22/2009 02:48 PM
n-Butylbenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 02:48 PM
n-Propylbenzene	ND 0.90	5.0	µg/Kg 1 4/22/2009 02:48 PM
Naphthalene	ND 1.7	5.0	µg/Kg 1 4/22/2009 02:48 PM
o-Xylene	ND 1.0	5.0	µg/Kg 1 4/22/2009 02:48 PM
sec-Butylbenzene	ND 0.85	5.0	µg/Kg 1 4/22/2009 02:48 PM
Styrene	ND 0.89	5.0	µg/Kg 1 4/22/2009 02:48 PM
tert-Butylbenzene	ND 0.60	5.0	µg/Kg 1 4/22/2009 02:48 PM
Tetrachloroethene	ND 1.0	5.0	µg/Kg 1 4/22/2009 02:48 PM
Toluene	ND 0.82	5.0	µg/Kg 1 4/22/2009 02:48 PM
trans-1,2-Dichloroethene	ND 0.98	5.0	µg/Kg 1 4/22/2009 02:48 PM
Trichloroethene	ND 2.0	5.0	µg/Kg 1 4/22/2009 02:48 PM
Trichlorofluoromethane	ND 1.2	5.0	µg/Kg 1 4/22/2009 02:48 PM
Vinyl chloride	ND 0.58	5.0	µg/Kg 1 4/22/2009 02:48 PM
Surr: 1,2-Dichloroethane-d4	122 0	68-147	%REC 1 4/22/2009 02:48 PM
Surr: 4-Bromofluorobenzene	107 0	67-127	%REC 1 4/22/2009 02:48 PM
Surr: Dibromofluoromethane	124 0	72-141	%REC 1 4/22/2009 02:48 PM
Surr: Toluene-d8	108 0	75-120	%REC 1 4/22/2009 02:48 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-008E

Client Sample ID: 1001-109-10-S
Collection Date: 4/21/2009 8:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.15	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	113 0	59-145	%REC
			DF: 1
			Date: 4/22/2009 02:02 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	mg/Kg
Surr: Bromofluorobenzene (FID)	113 0	59-145	%REC
			DF: 1
			Date: 4/22/2009 02:02 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009A

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:52 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Barium	100	0.13	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Chromium	15	0.088	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Cobalt	5.9	0.014	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Copper	16	0.26	2.0	mg/Kg	1	4/24/2009 04:52 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Nickel	10	0.032	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Vanadium	36	0.019	1.0	mg/Kg	1	4/24/2009 04:52 PM	
Zinc	34	0.19	1.0	mg/Kg	1	4/24/2009 04:52 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
DRO	16	10	10	mg/Kg	1	4/30/2009 02:19 PM	
Surr: p-Terphenyl	90.8	0	57-144	%REC	1	4/30/2009 02:19 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC8_BACK_090429B	QC Batch:	54920	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/30/2009 02:19 PM	
T/R Hydrocarbons: C23-C32	15	10	10	mg/Kg	1	4/30/2009 02:19 PM	
T/R Hydrocarbons:>C32	45	10	10	mg/Kg	1	4/30/2009 02:19 PM	
Surr: p-Terphenyl	86.9	0	57-144	%REC	1	4/30/2009 02:19 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009A

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423B	QC Batch: 54965	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/24/2009 09:08 AM
Surr: Decachlorobiphenyl	82.9 0	30-124	%REC 1 4/24/2009 09:08 AM
Surr: Tetrachloro-m-xylene	103 0	40-118	%REC 1 4/24/2009 09:08 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423B	QC Batch: 54933	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:23 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 07:08 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 07:08 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 07:08 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 07:08 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 07:08 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 07:08 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 07:08 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 07:08 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 07:08 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 07:08 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 07:08 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 07:08 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 07:08 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 07:08 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 07:08 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009A

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 07:08 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 07:08 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 07:08 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 07:08 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 07:08 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 07:08 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 07:08 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 07:08 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 07:08 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 07:08 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 07:08 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 07:08 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 07:08 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 07:08 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 07:08 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 07:08 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 07:08 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 07:08 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 07:08 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 07:08 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 07:08 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 07:08 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 07:08 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 07:08 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 07:08 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 07:08 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 07:08 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 07:08 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 07:08 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 07:08 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 07:08 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 07:08 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 07:08 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 07:08 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 07:08 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009A

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 07:08 PM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 07:08 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 07:08 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 07:08 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 07:08 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 07:08 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 07:08 PM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 07:08 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 07:08 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 07:08 PM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 07:08 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 07:08 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 07:08 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 07:08 PM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 07:08 PM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 07:08 PM
Surr: 1,2-Dichlorobenzene-d4	69.5	0	49-103	%REC	1	4/23/2009 07:08 PM
Surr: 2,4,6-Tribromophenol	89.3	0	47-129	%REC	1	4/23/2009 07:08 PM
Surr: 2-Chlorophenol-d4	74.2	0	54-109	%REC	1	4/23/2009 07:08 PM
Surr: 2-Fluorobiphenyl	82.3	0	59-108	%REC	1	4/23/2009 07:08 PM
Surr: 2-Fluorophenol	75.7	0	50-111	%REC	1	4/23/2009 07:08 PM
Surr: 4-Terphenyl-d14	103	0	58-135	%REC	1	4/23/2009 07:08 PM
Surr: Nitrobenzene-d5	86.6	0	54-115	%REC	1	4/23/2009 07:08 PM
Surr: Phenol-d5	79.6	0	58-112	%REC	1	4/23/2009 07:08 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL			
pH	7.9	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009B

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1,1-Trichloroethane	ND	0.59	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1-Dichloroethane	ND	0.46	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2,3-Trichlorobenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2,3-Trichloropropane	ND	0.68	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2,4-Trimethylbenzene	ND	0.78	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.1	µg/Kg	1	4/22/2009 03:05 PM	
1,2-Dibromoethane	ND	1.3	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2-Dichlorobenzene	ND	0.76	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,3,5-Trimethylbenzene	ND	0.91	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,3-Dichlorobenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,3-Dichloropropane	ND	0.96	4.6	µg/Kg	1	4/22/2009 03:05 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:05 PM	
2,2-Dichloropropane	ND	0.79	4.6	µg/Kg	1	4/22/2009 03:05 PM	
2-Chlorotoluene	ND	0.60	4.6	µg/Kg	1	4/22/2009 03:05 PM	
4-Chlorotoluene	ND	0.62	4.6	µg/Kg	1	4/22/2009 03:05 PM	
4-Isopropyltoluene	ND	0.52	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Benzene	ND	0.75	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Bromodichloromethane	ND	0.78	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Bromomethane	ND	0.80	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Chlorobenzene	ND	0.82	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Chloroform	ND	0.57	4.6	µg/Kg	1	4/22/2009 03:05 PM	
Chloromethane	ND	0.75	4.6	µg/Kg	1	4/22/2009 03:05 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009B

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.6	µg/Kg 1 4/22/2009 03:05 PM
Dibromochloromethane	ND 0.62	4.6	µg/Kg 1 4/22/2009 03:05 PM
Dibromomethane	ND 1.5	4.6	µg/Kg 1 4/22/2009 03:05 PM
Dichlorodifluoromethane	ND 0.55	4.6	µg/Kg 1 4/22/2009 03:05 PM
Ethylbenzene	ND 0.83	4.6	µg/Kg 1 4/22/2009 03:05 PM
Hexachlorobutadiene	ND 3.1	4.6	µg/Kg 1 4/22/2009 03:05 PM
Isopropylbenzene	ND 1.1	4.6	µg/Kg 1 4/22/2009 03:05 PM
m,p-Xylene	ND 1.5	9.1	µg/Kg 1 4/22/2009 03:05 PM
Methylene chloride	ND 4.6	4.6	µg/Kg 1 4/22/2009 03:05 PM
n-Butylbenzene	ND 0.95	4.6	µg/Kg 1 4/22/2009 03:05 PM
n-Propylbenzene	ND 0.82	4.6	µg/Kg 1 4/22/2009 03:05 PM
Naphthalene	ND 1.5	4.6	µg/Kg 1 4/22/2009 03:05 PM
o-Xylene	ND 0.94	4.6	µg/Kg 1 4/22/2009 03:05 PM
sec-Butylbenzene	ND 0.78	4.6	µg/Kg 1 4/22/2009 03:05 PM
Styrene	ND 0.82	4.6	µg/Kg 1 4/22/2009 03:05 PM
tert-Butylbenzene	ND 0.56	4.6	µg/Kg 1 4/22/2009 03:05 PM
Tetrachloroethene	ND 0.96	4.6	µg/Kg 1 4/22/2009 03:05 PM
Toluene	ND 0.76	4.6	µg/Kg 1 4/22/2009 03:05 PM
trans-1,2-Dichloroethene	ND 0.91	4.6	µg/Kg 1 4/22/2009 03:05 PM
Trichloroethene	ND 1.8	4.6	µg/Kg 1 4/22/2009 03:05 PM
Trichlorofluoromethane	ND 1.1	4.6	µg/Kg 1 4/22/2009 03:05 PM
Vinyl chloride	ND 0.54	4.6	µg/Kg 1 4/22/2009 03:05 PM
Surr: 1,2-Dichloroethane-d4	117 0	68-147	%REC 1 4/22/2009 03:05 PM
Surr: 4-Bromofluorobenzene	104 0	67-127	%REC 1 4/22/2009 03:05 PM
Surr: Dibromofluoromethane	111 0	72-141	%REC 1 4/22/2009 03:05 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/22/2009 03:05 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-009E

Client Sample ID: 1001-109-20-S
Collection Date: 4/21/2009 8:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107			PrepDate: 4/21/2009	Analyst: KHN
GRO	ND	0.13	0.90	mg/Kg	1 4/22/2009 02:18 PM
Surr: Bromofluorobenzene (FID)	115	0	59-145	%REC	1 4/22/2009 02:18 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107			PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.17	0.90	mg/Kg	1 4/22/2009 02:18 PM
Surr: Bromofluorobenzene (FID)	115	0	59-145	%REC	1 4/22/2009 02:18 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010A

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090424F	QC Batch:	54944	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/24/2009 04:55 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Barium	210	0.13	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Chromium	26	0.088	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Copper	29	0.26	2.0	mg/Kg	1	4/24/2009 04:55 PM	
Lead	1.3	0.11	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Nickel	19	0.032	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Vanadium	59	0.019	1.0	mg/Kg	1	4/24/2009 04:55 PM	
Zinc	62	0.19	1.0	mg/Kg	1	4/24/2009 04:55 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427A	QC Batch:	55023	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/27/2009 10:45 AM	
Surr: p-Terphenyl	126	0	57-144	%REC	1	4/27/2009 10:45 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/27/2009 10:45 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/27/2009 10:45 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/27/2009 10:45 AM	
Surr: p-Terphenyl	126	0	57-144	%REC	1	4/27/2009 10:45 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010A

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423B	QC Batch: 54965			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 09:38 AM
Surr: Decachlorobiphenyl	82.6	0	30-124	%REC	1	4/24/2009 09:38 AM
Surr: Tetrachloro-m-xylene	105	0	40-118	%REC	1	4/24/2009 09:38 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A	
RunID: AA5_090423B	QC Batch: 54933
Mercury	ND 0.021 0.10 mg/Kg
	PrepDate: 4/23/2009 Analyst: RQ
	1 4/23/2009 11:59 AM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090423A	QC Batch: 54928			PrepDate:	4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 07:36 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 07:36 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 07:36 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 07:36 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 07:36 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 07:36 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 07:36 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 07:36 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 07:36 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 07:36 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 07:36 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 07:36 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 07:36 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 07:36 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 07:36 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010A

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 07:36 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 07:36 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 07:36 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 07:36 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 07:36 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 07:36 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 07:36 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 07:36 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 07:36 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 07:36 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 07:36 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 07:36 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 07:36 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 07:36 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 07:36 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 07:36 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 07:36 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 07:36 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 07:36 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 07:36 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 07:36 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 07:36 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 07:36 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 07:36 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 07:36 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 07:36 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 07:36 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 07:36 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 07:36 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 07:36 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 07:36 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 07:36 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 07:36 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 07:36 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 07:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010A

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 07:36 PM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 07:36 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 07:36 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 07:36 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 07:36 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 07:36 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 07:36 PM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 07:36 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 07:36 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 07:36 PM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 07:36 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 07:36 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 07:36 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 07:36 PM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 07:36 PM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 07:36 PM
Surr: 1,2-Dichlorobenzene-d4	72.7	0	49-103	%REC	1	4/23/2009 07:36 PM
Surr: 2,4,6-Tribromophenol	99.4	0	47-129	%REC	1	4/23/2009 07:36 PM
Surr: 2-Chlorophenol-d4	78.3	0	54-109	%REC	1	4/23/2009 07:36 PM
Surr: 2-Fluorobiphenyl	85.2	0	59-108	%REC	1	4/23/2009 07:36 PM
Surr: 2-Fluorophenol	79.3	0	50-111	%REC	1	4/23/2009 07:36 PM
Surr: 4-Terphenyl-d14	109	0	58-135	%REC	1	4/23/2009 07:36 PM
Surr: Nitrobenzene-d5	90.9	0	54-115	%REC	1	4/23/2009 07:36 PM
Surr: Phenol-d5	82.1	0	58-112	%REC	1	4/23/2009 07:36 PM

PH

EPA 9045C

RunID: WETCHEM_090423A	QC Batch: R108435	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010B

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422A	QC Batch:	K09VS061	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1,1-Trichloroethane	ND	0.59	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1-Dichloroethane	ND	0.46	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2,3-Trichlorobenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2,3-Trichloropropane	ND	0.69	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2,4-Trimethylbenzene	ND	0.79	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.2	µg/Kg	1	4/22/2009 03:22 PM	
1,2-Dibromoethane	ND	1.3	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2-Dichlorobenzene	ND	0.76	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,3,5-Trimethylbenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,3-Dichlorobenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,3-Dichloropropane	ND	0.96	4.6	µg/Kg	1	4/22/2009 03:22 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM	
2,2-Dichloropropane	ND	0.80	4.6	µg/Kg	1	4/22/2009 03:22 PM	
2-Chlorotoluene	ND	0.60	4.6	µg/Kg	1	4/22/2009 03:22 PM	
4-Chlorotoluene	ND	0.62	4.6	µg/Kg	1	4/22/2009 03:22 PM	
4-Isopropyltoluene	ND	0.52	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Benzene	ND	0.75	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Bromodichloromethane	ND	0.78	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Bromomethane	ND	0.80	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Chlorobenzene	ND	0.82	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Chloroform	ND	0.57	4.6	µg/Kg	1	4/22/2009 03:22 PM	
Chloromethane	ND	0.75	4.6	µg/Kg	1	4/22/2009 03:22 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010B

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422A	QC Batch: K09VS061	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/22/2009 03:22 PM
Dibromochloromethane	ND	0.62	4.6	µg/Kg	1	4/22/2009 03:22 PM
Dibromomethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 03:22 PM
Dichlorodifluoromethane	ND	0.55	4.6	µg/Kg	1	4/22/2009 03:22 PM
Ethylbenzene	ND	0.83	4.6	µg/Kg	1	4/22/2009 03:22 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/22/2009 03:22 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM
m,p-Xylene	ND	1.5	9.2	µg/Kg	1	4/22/2009 03:22 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/22/2009 03:22 PM
n-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 03:22 PM
n-Propylbenzene	ND	0.83	4.6	µg/Kg	1	4/22/2009 03:22 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/22/2009 03:22 PM
o-Xylene	ND	0.94	4.6	µg/Kg	1	4/22/2009 03:22 PM
sec-Butylbenzene	ND	0.78	4.6	µg/Kg	1	4/22/2009 03:22 PM
Styrene	ND	0.82	4.6	µg/Kg	1	4/22/2009 03:22 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/22/2009 03:22 PM
Tetrachloroethene	ND	0.97	4.6	µg/Kg	1	4/22/2009 03:22 PM
Toluene	ND	0.76	4.6	µg/Kg	1	4/22/2009 03:22 PM
trans-1,2-Dichloroethene	ND	0.91	4.6	µg/Kg	1	4/22/2009 03:22 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/22/2009 03:22 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 03:22 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/22/2009 03:22 PM
Surr: 1,2-Dichloroethane-d4	131	0	68-147	%REC	1	4/22/2009 03:22 PM
Surr: 4-Bromofluorobenzene	112	0	67-127	%REC	1	4/22/2009 03:22 PM
Surr: Dibromofluoromethane	125	0	72-141	%REC	1	4/22/2009 03:22 PM
Surr: Toluene-d8	108	0	75-120	%REC	1	4/22/2009 03:22 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-010E

Client Sample ID: 1001-108-2-S
Collection Date: 4/21/2009 9:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422A	QC Batch: E09VS107			PrepDate: 4/21/2009		Analyst: KHN
GRO	ND	0.13	0.84	mg/Kg	1	4/22/2009 02:33 PM
Surr: Bromofluorobenzene (FID)	113	0	59-145	%REC	1	4/22/2009 02:33 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422A	QC Batch: E09VS107			PrepDate: 4/21/2009		Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.16	0.84	mg/Kg	1	4/22/2009 02:33 PM
Surr: Bromofluorobenzene (FID)	113	0	59-145	%REC	1	4/22/2009 02:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011A

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:45 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Barium	130	0.13	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Chromium	21	0.088	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Cobalt	8.3	0.014	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Copper	18	0.26	2.0	mg/Kg	1	4/27/2009 04:45 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Nickel	15	0.032	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Vanadium	50	0.019	1.0	mg/Kg	1	4/27/2009 04:45 PM	
Zinc	44	0.19	1.0	mg/Kg	1	4/27/2009 04:45 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 11:59 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/23/2009 11:59 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 11:59 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 11:59 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 11:59 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/23/2009 11:59 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011A

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423A	QC Batch: 54966	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 08:15 PM
Surr: Decachlorobiphenyl	80.0 0	30-124	%REC 1 4/23/2009 08:15 PM
Surr: Tetrachloro-m-xylene	108 0	40-118	%REC 1 4/23/2009 08:15 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423C	QC Batch: 54934	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:45 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 08:31 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 08:31 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 08:31 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 08:31 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 08:31 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 08:31 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 08:31 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 08:31 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 08:31 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 08:31 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 08:31 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 08:31 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 08:31 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 08:31 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 08:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011A

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 08:31 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 08:31 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 08:31 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 08:31 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 08:31 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 08:31 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 08:31 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 08:31 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 08:31 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 08:31 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 08:31 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 08:31 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 08:31 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 08:31 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 08:31 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 08:31 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 08:31 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 08:31 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 08:31 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 08:31 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 08:31 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 08:31 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 08:31 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 08:31 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 08:31 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 08:31 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 08:31 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 08:31 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 08:31 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 08:31 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 08:31 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 08:31 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 08:31 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 08:31 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 08:31 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011A

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND 73	330	µg/Kg 1 4/23/2009 08:31 PM
Fluorene	ND 69	330	µg/Kg 1 4/23/2009 08:31 PM
Hexachlorobenzene	ND 76	330	µg/Kg 1 4/23/2009 08:31 PM
Hexachlorobutadiene	ND 77	660	µg/Kg 1 4/23/2009 08:31 PM
Hexachlorocyclopentadiene	ND 80	660	µg/Kg 1 4/23/2009 08:31 PM
Hexachloroethane	ND 81	330	µg/Kg 1 4/23/2009 08:31 PM
Indeno(1,2,3-cd)pyrene	ND 69	330	µg/Kg 1 4/23/2009 08:31 PM
Isophorone	ND 85	330	µg/Kg 1 4/23/2009 08:31 PM
N-Nitrosodi-n-propylamine	ND 82	330	µg/Kg 1 4/23/2009 08:31 PM
N-Nitrosodiphenylamine	ND 79	330	µg/Kg 1 4/23/2009 08:31 PM
Naphthalene	ND 86	330	µg/Kg 1 4/23/2009 08:31 PM
Nitrobenzene	ND 82	330	µg/Kg 1 4/23/2009 08:31 PM
Pentachlorophenol	ND 55	1600	µg/Kg 1 4/23/2009 08:31 PM
Phenanthrene	ND 76	330	µg/Kg 1 4/23/2009 08:31 PM
Phenol	ND 95	330	µg/Kg 1 4/23/2009 08:31 PM
Pyrene	ND 77	330	µg/Kg 1 4/23/2009 08:31 PM
Surr: 1,2-Dichlorobenzene-d4	77.4 0	49-103	%REC 1 4/23/2009 08:31 PM
Surr: 2,4,6-Tribromophenol	93.1 0	47-129	%REC 1 4/23/2009 08:31 PM
Surr: 2-Chlorophenol-d4	86.6 0	54-109	%REC 1 4/23/2009 08:31 PM
Surr: 2-Fluorobiphenyl	93.6 0	59-108	%REC 1 4/23/2009 08:31 PM
Surr: 2-Fluorophenol	87.8 0	50-111	%REC 1 4/23/2009 08:31 PM
Surr: 4-Terphenyl-d14	115 0	58-135	%REC 1 4/23/2009 08:31 PM
Surr: Nitrobenzene-d5	99.1 0	54-115	%REC 1 4/23/2009 08:31 PM
Surr: Phenol-d5	91.5 0	58-112	%REC 1 4/23/2009 08:31 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL
pH	8.2 0.10	0.10	pH Units 1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011B

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.7	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1,1-Trichloroethane	ND 0.64	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1,2,2-Tetrachloroethane	ND 1.6	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1,2-Trichloroethane	ND 1.6	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1-Dichloroethane	ND 0.50	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1-Dichloroethene	ND 1.3	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,1-Dichloropropene	ND 1.5	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2,3-Trichlorobenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2,3-Trichloropropane	ND 0.75	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2,4-Trichlorobenzene	ND 1.3	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2,4-Trimethylbenzene	ND 0.86	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2-Dibromo-3-chloropropane	ND 1.9	10	µg/Kg 1 4/22/2009 05:42 PM
1,2-Dibromoethane	ND 1.5	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2-Dichlorobenzene	ND 0.83	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2-Dichloroethane	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,2-Dichloropropane	ND 1.6	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,3,5-Trimethylbenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,3-Dichlorobenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,3-Dichloropropane	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
1,4-Dichlorobenzene	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM
2,2-Dichloropropane	ND 0.87	5.0	µg/Kg 1 4/22/2009 05:42 PM
2-Chlorotoluene	ND 0.66	5.0	µg/Kg 1 4/22/2009 05:42 PM
4-Chlorotoluene	ND 0.67	5.0	µg/Kg 1 4/22/2009 05:42 PM
4-Isopropyltoluene	ND 0.57	5.0	µg/Kg 1 4/22/2009 05:42 PM
Benzene	ND 0.82	5.0	µg/Kg 1 4/22/2009 05:42 PM
Bromobenzene	ND 1.6	5.0	µg/Kg 1 4/22/2009 05:42 PM
Bromodichloromethane	ND 0.85	5.0	µg/Kg 1 4/22/2009 05:42 PM
Bromoform	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM
Bromomethane	ND 0.87	5.0	µg/Kg 1 4/22/2009 05:42 PM
Carbon tetrachloride	ND 1.3	5.0	µg/Kg 1 4/22/2009 05:42 PM
Chlorobenzene	ND 0.89	5.0	µg/Kg 1 4/22/2009 05:42 PM
Chloroethane	ND 1.3	5.0	µg/Kg 1 4/22/2009 05:42 PM
Chloroform	ND 0.62	5.0	µg/Kg 1 4/22/2009 05:42 PM
Chloromethane	ND 0.81	5.0	µg/Kg 1 4/22/2009 05:42 PM
cis-1,2-Dichloroethene	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011B

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.3	5.0	µg/Kg 1 4/22/2009 05:42 PM
Dibromochloromethane	ND 0.68	5.0	µg/Kg 1 4/22/2009 05:42 PM
Dibromomethane	ND 1.7	5.0	µg/Kg 1 4/22/2009 05:42 PM
Dichlorodifluoromethane	ND 0.60	5.0	µg/Kg 1 4/22/2009 05:42 PM
Ethylbenzene	ND 0.91	5.0	µg/Kg 1 4/22/2009 05:42 PM
Hexachlorobutadiene	ND 3.4	5.0	µg/Kg 1 4/22/2009 05:42 PM
Isopropylbenzene	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM
m,p-Xylene	ND 1.7	10	µg/Kg 1 4/22/2009 05:42 PM
Methylene chloride	ND 5.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
n-Butylbenzene	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
n-Propylbenzene	ND 0.90	5.0	µg/Kg 1 4/22/2009 05:42 PM
Naphthalene	ND 1.7	5.0	µg/Kg 1 4/22/2009 05:42 PM
o-Xylene	ND 1.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
sec-Butylbenzene	ND 0.85	5.0	µg/Kg 1 4/22/2009 05:42 PM
Styrene	ND 0.89	5.0	µg/Kg 1 4/22/2009 05:42 PM
tert-Butylbenzene	ND 0.61	5.0	µg/Kg 1 4/22/2009 05:42 PM
Tetrachloroethene	ND 1.1	5.0	µg/Kg 1 4/22/2009 05:42 PM
Toluene	ND 0.83	5.0	µg/Kg 1 4/22/2009 05:42 PM
trans-1,2-Dichloroethene	ND 0.99	5.0	µg/Kg 1 4/22/2009 05:42 PM
Trichloroethene	ND 2.0	5.0	µg/Kg 1 4/22/2009 05:42 PM
Trichlorofluoromethane	ND 1.2	5.0	µg/Kg 1 4/22/2009 05:42 PM
Vinyl chloride	ND 0.59	5.0	µg/Kg 1 4/22/2009 05:42 PM
Surr: 1,2-Dichloroethane-d4	108 0	68-147	%REC 1 4/22/2009 05:42 PM
Surr: 4-Bromofluorobenzene	102 0	67-127	%REC 1 4/22/2009 05:42 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/22/2009 05:42 PM
Surr: Toluene-d8	115 0	75-120	%REC 1 4/22/2009 05:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-011E

Client Sample ID: 1001-108-5-S
Collection Date: 4/21/2009 9:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.14	0.94	mg/Kg	1	4/22/2009 05:25 PM
Surr: Bromofluorobenzene (FID)	101 0	59-145	%REC	1	4/22/2009 05:25 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.94	mg/Kg	1	4/22/2009 05:25 PM
Surr: Bromofluorobenzene (FID)	101 0	59-145	%REC	1	4/22/2009 05:25 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-012A

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

RunID:	EPA 3050B			EPA 6010B		
	QC Batch:	54945		PrepDate:	4/23/2009	Analyst: CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:47 PM
Arsenic	1.0	0.27	1.0	mg/Kg	1	4/27/2009 04:47 PM
Barium	220	0.13	1.0	mg/Kg	1	4/27/2009 04:47 PM
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:47 PM
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:47 PM
Chromium	27	0.088	1.0	mg/Kg	1	4/27/2009 04:47 PM
Cobalt	12	0.014	1.0	mg/Kg	1	4/27/2009 04:47 PM
Copper	31	0.26	2.0	mg/Kg	1	4/27/2009 04:47 PM
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:47 PM
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:47 PM
Nickel	21	0.032	1.0	mg/Kg	1	4/27/2009 04:47 PM
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:47 PM
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:47 PM
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:47 PM
Vanadium	65	0.019	1.0	mg/Kg	1	4/27/2009 04:47 PM
Zinc	64	0.19	1.0	mg/Kg	1	4/27/2009 04:47 PM

HEXAVALENT CHROMIUM

RunID:	EPA 7196A		
WETCHEM3_090427B	QC Batch:	55024	PrepDate: 4/27/2009 Analyst: CBB
Chromium, Hexavalent	ND	0.074	0.10 mg/Kg 1 4/27/2009

DIESEL RANGE ORGANICS BY GC/FID

RunID:	EPA 8015B(M)		
GC16_090423D	QC Batch:	54921	PrepDate: 4/22/2009 Analyst: CBR
DRO	ND	10	10 mg/Kg 1 4/24/2009 12:08 AM
Surr: p-Terphenyl	108	0	57-144 %REC 1 4/24/2009 12:08 AM

HYDROCARBON CHAIN IDENTIFICATION

RunID:	EPA 8015B(M)		
GC16_090423D	QC Batch:	54921	PrepDate: 4/22/2009 Analyst: CBR
T/R Hydrocarbons: C13-C22	ND	10	10 mg/Kg 1 4/24/2009 12:08 AM
T/R Hydrocarbons: C23-C32	ND	10	10 mg/Kg 1 4/24/2009 12:08 AM
T/R Hydrocarbons:>C32	ND	10	10 mg/Kg 1 4/24/2009 12:08 AM
Surr: p-Terphenyl	108	0	57-144 %REC 1 4/24/2009 12:08 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-012A

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 09:14 PM	
Surr: Decachlorobiphenyl	77.4	0	30-124	%REC	1	4/23/2009 09:14 PM	
Surr: Tetrachloro-m-xylene	104	0	40-118	%REC	1	4/23/2009 09:14 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090423C	QC Batch: 54934			PrepDate:	4/23/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/23/2009 12:47 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS6_090423A	QC Batch: 54928			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM	
1,2-Dichlorobenzene	ND	170	660	µg/Kg	1	4/23/2009 08:59 PM	
1,3-Dichlorobenzene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM	
1,4-Dichlorobenzene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM	
2,4,5-Trichlorophenol	ND	110	660	µg/Kg	1	4/23/2009 08:59 PM	
2,4,6-Trichlorophenol	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM	
2,4-Dichlorophenol	ND	170	3300	µg/Kg	1	4/23/2009 08:59 PM	
2,4-Dimethylphenol	ND	180	660	µg/Kg	1	4/23/2009 08:59 PM	
2,4-Dinitrophenol	ND	89	3300	µg/Kg	1	4/23/2009 08:59 PM	
2,4-Dinitrotoluene	ND	130	660	µg/Kg	1	4/23/2009 08:59 PM	
2,6-Dinitrotoluene	ND	130	660	µg/Kg	1	4/23/2009 08:59 PM	
2-Chloronaphthalene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM	
2-Chlorophenol	ND	180	660	µg/Kg	1	4/23/2009 08:59 PM	
2-Methylnaphthalene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM	
2-Methylphenol	ND	190	660	µg/Kg	1	4/23/2009 08:59 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-012A

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	160	3300	µg/Kg	1	4/23/2009 08:59 PM
2-Nitrophenol	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
3,3'-Dichlorobenzidine	ND	160	1300	µg/Kg	1	4/23/2009 08:59 PM
3-Nitroaniline	ND	120	3300	µg/Kg	1	4/23/2009 08:59 PM
4,6-Dinitro-2-methylphenol	ND	130	3300	µg/Kg	1	4/23/2009 08:59 PM
4-Bromophenyl-phenylether	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
4-Chloro-3-methylphenol	ND	150	1300	µg/Kg	1	4/23/2009 08:59 PM
4-Chloroaniline	ND	150	1300	µg/Kg	1	4/23/2009 08:59 PM
4-Chlorophenyl-phenylether	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
4-Methylphenol	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
4-Nitroaniline	ND	120	3300	µg/Kg	1	4/23/2009 08:59 PM
4-Nitrophenol	ND	140	3300	µg/Kg	1	4/23/2009 08:59 PM
Acenaphthene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Acenaphthylene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Anthracene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Benzidine (M)	ND	140	3300	µg/Kg	1	4/23/2009 08:59 PM
Benzo(a)anthracene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Benzo(a)pyrene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Benzo(b)fluoranthene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Benzo(g,h,i)perylene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Benzo(k)fluoranthene	ND	200	660	µg/Kg	1	4/23/2009 08:59 PM
Benzoic acid	ND	130	3300	µg/Kg	1	4/23/2009 08:59 PM
Benzyl alcohol	ND	170	1300	µg/Kg	1	4/23/2009 08:59 PM
Bis(2-chloroethoxy)methane	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Bis(2-chloroethyl)ether	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Bis(2-chloroisopropyl)ether	ND	180	660	µg/Kg	1	4/23/2009 08:59 PM
Bis(2-ethylhexyl)phthalate	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Butylbenzylphthalate	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Chrysene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Di-n-butylphthalate	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Di-n-octylphthalate	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Dibenz(a,h)anthracene	ND	170	660	µg/Kg	1	4/23/2009 08:59 PM
Dibenzofuran	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Diethylphthalate	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Dimethylphthalate	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-012A

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Fluorene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Hexachlorobenzene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Hexachlorobutadiene	ND	150	1300	µg/Kg	1	4/23/2009 08:59 PM
Hexachlorocyclopentadiene	ND	160	1300	µg/Kg	1	4/23/2009 08:59 PM
Hexachloroethane	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Indeno(1,2,3-cd)pyrene	ND	140	660	µg/Kg	1	4/23/2009 08:59 PM
Isophorone	ND	170	660	µg/Kg	1	4/23/2009 08:59 PM
N-Nitrosodi-n-propylamine	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
N-Nitrosodiphenylamine	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Naphthalene	ND	170	660	µg/Kg	1	4/23/2009 08:59 PM
Nitrobenzene	ND	160	660	µg/Kg	1	4/23/2009 08:59 PM
Pentachlorophenol	ND	110	3300	µg/Kg	1	4/23/2009 08:59 PM
Phenanthrene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Phenol	ND	190	660	µg/Kg	1	4/23/2009 08:59 PM
Pyrene	ND	150	660	µg/Kg	1	4/23/2009 08:59 PM
Surr: 1,2-Dichlorobenzene-d4	72.2	0	49-103	%REC	1	4/23/2009 08:59 PM
Surr: 2,4,6-Tribromophenol	90.1	0	47-129	%REC	1	4/23/2009 08:59 PM
Surr: 2-Chlorophenol-d4	80.2	0	54-109	%REC	1	4/23/2009 08:59 PM
Surr: 2-Fluorobiphenyl	90.0	0	59-108	%REC	1	4/23/2009 08:59 PM
Surr: 2-Fluorophenol	82.0	0	50-111	%REC	1	4/23/2009 08:59 PM
Surr: 4-Terphenyl-d14	104	0	58-135	%REC	1	4/23/2009 08:59 PM
Surr: Nitrobenzene-d5	94.8	0	54-115	%REC	1	4/23/2009 08:59 PM
Surr: Phenol-d5	84.5	0	58-112	%REC	1	4/23/2009 08:59 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-012B

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1,1-Trichloroethane	ND 0.66	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1,2,2-Tetrachloroethane	ND 1.6	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1,2-Trichloroethane	ND 1.7	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1-Dichloroethane	ND 0.52	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1-Dichloroethene	ND 1.3	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,1-Dichloropropene	ND 1.6	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2,3-Trichlorobenzene	ND 1.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2,3-Trichloropropane	ND 0.77	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2,4-Trichlorobenzene	ND 1.4	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2,4-Trimethylbenzene	ND 0.88	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2-Dibromo-3-chloropropane	ND 2.0	10	µg/Kg 1 4/22/2009 06:01 PM
1,2-Dibromoethane	ND 1.5	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2-Dichlorobenzene	ND 0.85	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2-Dichloroethane	ND 1.2	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,2-Dichloropropane	ND 1.6	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,3,5-Trimethylbenzene	ND 1.0	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,3-Dichlorobenzene	ND 1.0	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,3-Dichloropropane	ND 1.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
1,4-Dichlorobenzene	ND 1.2	5.1	µg/Kg 1 4/22/2009 06:01 PM
2,2-Dichloropropane	ND 0.89	5.1	µg/Kg 1 4/22/2009 06:01 PM
2-Chlorotoluene	ND 0.68	5.1	µg/Kg 1 4/22/2009 06:01 PM
4-Chlorotoluene	ND 0.69	5.1	µg/Kg 1 4/22/2009 06:01 PM
4-Isopropyltoluene	ND 0.59	5.1	µg/Kg 1 4/22/2009 06:01 PM
Benzene	ND 0.84	5.1	µg/Kg 1 4/22/2009 06:01 PM
Bromobenzene	ND 1.6	5.1	µg/Kg 1 4/22/2009 06:01 PM
Bromodichloromethane	ND 0.88	5.1	µg/Kg 1 4/22/2009 06:01 PM
Bromoform	ND 1.2	5.1	µg/Kg 1 4/22/2009 06:01 PM
Bromomethane	ND 0.90	5.1	µg/Kg 1 4/22/2009 06:01 PM
Carbon tetrachloride	ND 1.4	5.1	µg/Kg 1 4/22/2009 06:01 PM
Chlorobenzene	ND 0.92	5.1	µg/Kg 1 4/22/2009 06:01 PM
Chloroethane	ND 1.4	5.1	µg/Kg 1 4/22/2009 06:01 PM
Chloroform	ND 0.64	5.1	µg/Kg 1 4/22/2009 06:01 PM
Chloromethane	ND 0.84	5.1	µg/Kg 1 4/22/2009 06:01 PM
cis-1,2-Dichloroethene	ND 1.2	5.1	µg/Kg 1 4/22/2009 06:01 PM

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-012B

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.3	5.1	µg/Kg 1 4/22/2009 06:01 PM
Dibromochloromethane	ND 0.70	5.1	µg/Kg 1 4/22/2009 06:01 PM
Dibromomethane	ND 1.7	5.1	µg/Kg 1 4/22/2009 06:01 PM
Dichlorodifluoromethane	ND 0.62	5.1	µg/Kg 1 4/22/2009 06:01 PM
Ethylbenzene	ND 0.93	5.1	µg/Kg 1 4/22/2009 06:01 PM
Hexachlorobutadiene	ND 3.5	5.1	µg/Kg 1 4/22/2009 06:01 PM
Isopropylbenzene	ND 1.3	5.1	µg/Kg 1 4/22/2009 06:01 PM
m,p-Xylene	ND 1.7	10	µg/Kg 1 4/22/2009 06:01 PM
Methylene chloride	ND 5.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
n-Butylbenzene	ND 1.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
n-Propylbenzene	ND 0.93	5.1	µg/Kg 1 4/22/2009 06:01 PM
Naphthalene	ND 1.7	5.1	µg/Kg 1 4/22/2009 06:01 PM
o-Xylene	ND 1.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
sec-Butylbenzene	ND 0.88	5.1	µg/Kg 1 4/22/2009 06:01 PM
Styrene	ND 0.92	5.1	µg/Kg 1 4/22/2009 06:01 PM
tert-Butylbenzene	ND 0.63	5.1	µg/Kg 1 4/22/2009 06:01 PM
Tetrachloroethene	ND 1.1	5.1	µg/Kg 1 4/22/2009 06:01 PM
Toluene	ND 0.85	5.1	µg/Kg 1 4/22/2009 06:01 PM
trans-1,2-Dichloroethene	ND 1.0	5.1	µg/Kg 1 4/22/2009 06:01 PM
Trichloroethene	ND 2.0	5.1	µg/Kg 1 4/22/2009 06:01 PM
Trichlorofluoromethane	ND 1.2	5.1	µg/Kg 1 4/22/2009 06:01 PM
Vinyl chloride	ND 0.60	5.1	µg/Kg 1 4/22/2009 06:01 PM
Surr: 1,2-Dichloroethane-d4	110 0	68-147	%REC 1 4/22/2009 06:01 PM
Surr: 4-Bromofluorobenzene	98.5 0	67-127	%REC 1 4/22/2009 06:01 PM
Surr: Dibromofluoromethane	108 0	72-141	%REC 1 4/22/2009 06:01 PM
Surr: Toluene-d8	108 0	75-120	%REC 1 4/22/2009 06:01 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-012E

Client Sample ID: 1001-108-10-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.13	0.91	mg/Kg	1	4/22/2009 05:56 PM
Surr: Bromofluorobenzene (FID)	118 0	59-145	%REC	1	4/22/2009 05:56 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.91	mg/Kg	1	4/22/2009 05:56 PM
Surr: Bromofluorobenzene (FID)	118 0	59-145	%REC	1	4/22/2009 05:56 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-013A

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:51 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Barium	230	0.13	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Chromium	30	0.088	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Cobalt	13	0.014	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Copper	37	0.26	2.0	mg/Kg	1	4/27/2009 04:51 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Nickel	23	0.032	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Vanadium	73	0.019	1.0	mg/Kg	1	4/27/2009 04:51 PM	
Zinc	72	0.19	1.0	mg/Kg	1	4/27/2009 04:51 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 12:18 AM	
Surr: p-Terphenyl	94.8	0	57-144	%REC	1	4/24/2009 12:18 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 12:18 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 12:18 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 12:18 AM	
Surr: p-Terphenyl	94.8	0	57-144	%REC	1	4/24/2009 12:18 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_090423A	QC Batch: 54966	PrepDate: 4/23/2009	Analyst: BB
Aroclor 1016	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1221	ND 5.0	33	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1232	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1242	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1248	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1254	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1260	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1262	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Aroclor 1268	ND 5.0	16	µg/Kg 1 4/23/2009 09:44 PM
Surr: Decachlorobiphenyl	78.7 0	30-124	%REC 1 4/23/2009 09:44 PM
Surr: Tetrachloro-m-xylene	104 0	40-118	%REC 1 4/23/2009 09:44 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: AA5_090423C	QC Batch: 54934	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:49 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 82	330	µg/Kg 1 4/23/2009 09:27 PM
1,2-Dichlorobenzene	ND 85	330	µg/Kg 1 4/23/2009 09:27 PM
1,3-Dichlorobenzene	ND 74	330	µg/Kg 1 4/23/2009 09:27 PM
1,4-Dichlorobenzene	ND 78	330	µg/Kg 1 4/23/2009 09:27 PM
2,4,5-Trichlorophenol	ND 56	330	µg/Kg 1 4/23/2009 09:27 PM
2,4,6-Trichlorophenol	ND 78	330	µg/Kg 1 4/23/2009 09:27 PM
2,4-Dichlorophenol	ND 87	1600	µg/Kg 1 4/23/2009 09:27 PM
2,4-Dimethylphenol	ND 88	330	µg/Kg 1 4/23/2009 09:27 PM
2,4-Dinitrophenol	ND 45	1600	µg/Kg 1 4/23/2009 09:27 PM
2,4-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 09:27 PM
2,6-Dinitrotoluene	ND 67	330	µg/Kg 1 4/23/2009 09:27 PM
2-Chloronaphthalene	ND 70	330	µg/Kg 1 4/23/2009 09:27 PM
2-Chlorophenol	ND 89	330	µg/Kg 1 4/23/2009 09:27 PM
2-Methylnaphthalene	ND 78	330	µg/Kg 1 4/23/2009 09:27 PM
2-Methylphenol	ND 96	330	µg/Kg 1 4/23/2009 09:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-013A

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 09:27 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 09:27 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 09:27 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:27 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 09:27 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 09:27 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 09:27 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 09:27 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 09:27 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 09:27 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:27 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 09:27 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 09:27 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 09:27 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 09:27 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 09:27 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 09:27 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 09:27 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 09:27 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 09:27 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 09:27 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 09:27 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 09:27 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 09:27 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 09:27 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 09:27 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 09:27 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 09:27 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 09:27 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 09:27 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 09:27 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 09:27 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 09:27 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 09:27 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 09:27 PM

Qualifiers: B Analyte detected in the associated Method Blank
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S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-013A

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP
Fluoranthene	ND 73	330	µg/Kg 1 4/23/2009 09:27 PM
Fluorene	ND 69	330	µg/Kg 1 4/23/2009 09:27 PM
Hexachlorobenzene	ND 76	330	µg/Kg 1 4/23/2009 09:27 PM
Hexachlorobutadiene	ND 77	660	µg/Kg 1 4/23/2009 09:27 PM
Hexachlorocyclopentadiene	ND 80	660	µg/Kg 1 4/23/2009 09:27 PM
Hexachloroethane	ND 81	330	µg/Kg 1 4/23/2009 09:27 PM
Indeno(1,2,3-cd)pyrene	ND 69	330	µg/Kg 1 4/23/2009 09:27 PM
Isophorone	ND 85	330	µg/Kg 1 4/23/2009 09:27 PM
N-Nitrosodi-n-propylamine	ND 82	330	µg/Kg 1 4/23/2009 09:27 PM
N-Nitrosodiphenylamine	ND 79	330	µg/Kg 1 4/23/2009 09:27 PM
Naphthalene	ND 86	330	µg/Kg 1 4/23/2009 09:27 PM
Nitrobenzene	ND 82	330	µg/Kg 1 4/23/2009 09:27 PM
Pentachlorophenol	ND 55	1600	µg/Kg 1 4/23/2009 09:27 PM
Phenanthrene	ND 76	330	µg/Kg 1 4/23/2009 09:27 PM
Phenol	ND 95	330	µg/Kg 1 4/23/2009 09:27 PM
Pyrene	ND 77	330	µg/Kg 1 4/23/2009 09:27 PM
Surr: 1,2-Dichlorobenzene-d4	75.9 0	49-103	%REC 1 4/23/2009 09:27 PM
Surr: 2,4,6-Tribromophenol	93.7 0	47-129	%REC 1 4/23/2009 09:27 PM
Surr: 2-Chlorophenol-d4	82.6 0	54-109	%REC 1 4/23/2009 09:27 PM
Surr: 2-Fluorobiphenyl	89.5 0	59-108	%REC 1 4/23/2009 09:27 PM
Surr: 2-Fluorophenol	83.3 0	50-111	%REC 1 4/23/2009 09:27 PM
Surr: 4-Terphenyl-d14	110 0	58-135	%REC 1 4/23/2009 09:27 PM
Surr: Nitrobenzene-d5	94.1 0	54-115	%REC 1 4/23/2009 09:27 PM
Surr: Phenol-d5	86.2 0	58-112	%REC 1 4/23/2009 09:27 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL
pH	8.2 0.10	0.10	pH Units 1 4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-013B

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1,1-Trichloroethane	ND 0.54	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1,2,2-Tetrachloroethane	ND 1.3	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1,2-Trichloroethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1-Dichloroethane	ND 0.42	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1-Dichloroethene	ND 1.1	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,1-Dichloropropene	ND 1.3	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2,3-Trichlorobenzene	ND 0.87	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2,3-Trichloropropane	ND 0.63	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2,4-Trichlorobenzene	ND 1.1	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2,4-Trimethylbenzene	ND 0.72	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2-Dibromo-3-chloropropane	ND 1.6	8.4	µg/Kg 1 4/22/2009 06:21 PM
1,2-Dibromoethane	ND 1.2	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2-Dichlorobenzene	ND 0.70	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2-Dichloroethane	ND 0.98	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,2-Dichloropropane	ND 1.3	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,3,5-Trimethylbenzene	ND 0.84	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,3-Dichlorobenzene	ND 0.84	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,3-Dichloropropane	ND 0.88	4.2	µg/Kg 1 4/22/2009 06:21 PM
1,4-Dichlorobenzene	ND 1.0	4.2	µg/Kg 1 4/22/2009 06:21 PM
2,2-Dichloropropane	ND 0.73	4.2	µg/Kg 1 4/22/2009 06:21 PM
2-Chlorotoluene	ND 0.55	4.2	µg/Kg 1 4/22/2009 06:21 PM
4-Chlorotoluene	ND 0.57	4.2	µg/Kg 1 4/22/2009 06:21 PM
4-Isopropyltoluene	ND 0.48	4.2	µg/Kg 1 4/22/2009 06:21 PM
Benzene	ND 0.69	4.2	µg/Kg 1 4/22/2009 06:21 PM
Bromobenzene	ND 1.3	4.2	µg/Kg 1 4/22/2009 06:21 PM
Bromodichloromethane	ND 0.72	4.2	µg/Kg 1 4/22/2009 06:21 PM
Bromoform	ND 1.0	4.2	µg/Kg 1 4/22/2009 06:21 PM
Bromomethane	ND 0.73	4.2	µg/Kg 1 4/22/2009 06:21 PM
Carbon tetrachloride	ND 1.1	4.2	µg/Kg 1 4/22/2009 06:21 PM
Chlorobenzene	ND 0.75	4.2	µg/Kg 1 4/22/2009 06:21 PM
Chloroethane	ND 1.1	4.2	µg/Kg 1 4/22/2009 06:21 PM
Chloroform	ND 0.52	4.2	µg/Kg 1 4/22/2009 06:21 PM
Chloromethane	ND 0.68	4.2	µg/Kg 1 4/22/2009 06:21 PM
cis-1,2-Dichloroethene	ND 1.0	4.2	µg/Kg 1 4/22/2009 06:21 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-013B

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.2	µg/Kg 1 4/22/2009 06:21 PM
Dibromochloromethane	ND 0.57	4.2	µg/Kg 1 4/22/2009 06:21 PM
Dibromomethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 06:21 PM
Dichlorodifluoromethane	ND 0.50	4.2	µg/Kg 1 4/22/2009 06:21 PM
Ethylbenzene	ND 0.76	4.2	µg/Kg 1 4/22/2009 06:21 PM
Hexachlorobutadiene	ND 2.8	4.2	µg/Kg 1 4/22/2009 06:21 PM
Isopropylbenzene	ND 1.0	4.2	µg/Kg 1 4/22/2009 06:21 PM
m,p-Xylene	ND 1.4	8.4	µg/Kg 1 4/22/2009 06:21 PM
Methylene chloride	ND 4.2	4.2	µg/Kg 1 4/22/2009 06:21 PM
n-Butylbenzene	ND 0.87	4.2	µg/Kg 1 4/22/2009 06:21 PM
n-Propylbenzene	ND 0.76	4.2	µg/Kg 1 4/22/2009 06:21 PM
Naphthalene	ND 1.4	4.2	µg/Kg 1 4/22/2009 06:21 PM
o-Xylene	ND 0.86	4.2	µg/Kg 1 4/22/2009 06:21 PM
sec-Butylbenzene	ND 0.71	4.2	µg/Kg 1 4/22/2009 06:21 PM
Styrene	ND 0.75	4.2	µg/Kg 1 4/22/2009 06:21 PM
tert-Butylbenzene	ND 0.51	4.2	µg/Kg 1 4/22/2009 06:21 PM
Tetrachloroethene	ND 0.88	4.2	µg/Kg 1 4/22/2009 06:21 PM
Toluene	ND 0.70	4.2	µg/Kg 1 4/22/2009 06:21 PM
trans-1,2-Dichloroethene	ND 0.83	4.2	µg/Kg 1 4/22/2009 06:21 PM
Trichloroethene	ND 1.6	4.2	µg/Kg 1 4/22/2009 06:21 PM
Trichlorofluoromethane	ND 0.97	4.2	µg/Kg 1 4/22/2009 06:21 PM
Vinyl chloride	ND 0.49	4.2	µg/Kg 1 4/22/2009 06:21 PM
Surr: 1,2-Dichloroethane-d4	112 0	68-147	%REC 1 4/22/2009 06:21 PM
Surr: 4-Bromofluorobenzene	101 0	67-127	%REC 1 4/22/2009 06:21 PM
Surr: Dibromofluoromethane	112 0	72-141	%REC 1 4/22/2009 06:21 PM
Surr: Toluene-d8	117 0	75-120	%REC 1 4/22/2009 06:21 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-013E

Client Sample ID: 1001-108-10D-S
Collection Date: 4/21/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.15	1.0	mg/Kg	1	4/22/2009 06:11 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/22/2009 06:11 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.19	1.0	mg/Kg	1	4/22/2009 06:11 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	%REC	1	4/22/2009 06:11 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-014A

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 04:55 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Barium	150	0.13	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Chromium	18	0.088	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Cobalt	8.8	0.014	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Copper	24	0.26	2.0	mg/Kg	1	4/27/2009 04:55 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Nickel	13	0.032	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Vanadium	58	0.019	1.0	mg/Kg	1	4/27/2009 04:55 PM	
Zinc	46	0.19	1.0	mg/Kg	1	4/27/2009 04:55 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 12:27 AM	
Surr: p-Terphenyl	125	0	57-144	%REC	1	4/24/2009 12:27 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 12:27 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 12:27 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 12:27 AM	
Surr: p-Terphenyl	125	0	57-144	%REC	1	4/24/2009 12:27 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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CLIENT: Ninyo & Moore
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Project: 207126015
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 10:14 PM	
Surr: Decachlorobiphenyl	78.3	0	30-124	%REC	1	4/23/2009 10:14 PM	
Surr: Tetrachloro-m-xylene	104	0	40-118	%REC	1	4/23/2009 10:14 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090423C	QC Batch: 54934			PrepDate:	4/23/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/23/2009 12:51 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS6_090423A	QC Batch: 54928			PrepDate:	4/22/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/23/2009 09:55 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/23/2009 09:55 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/23/2009 09:55 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/23/2009 09:55 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/23/2009 09:55 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/23/2009 09:55 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/23/2009 09:55 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/23/2009 09:55 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/23/2009 09:55 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 09:55 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/23/2009 09:55 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/23/2009 09:55 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/23/2009 09:55 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/23/2009 09:55 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/23/2009 09:55 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-014A

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/23/2009 09:55 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/23/2009 09:55 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/23/2009 09:55 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:55 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/23/2009 09:55 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/23/2009 09:55 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/23/2009 09:55 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/23/2009 09:55 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/23/2009 09:55 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/23/2009 09:55 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/23/2009 09:55 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/23/2009 09:55 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/23/2009 09:55 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/23/2009 09:55 PM
Anthracene	ND	76	330	µg/Kg	1	4/23/2009 09:55 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/23/2009 09:55 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/23/2009 09:55 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/23/2009 09:55 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/23/2009 09:55 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/23/2009 09:55 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/23/2009 09:55 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/23/2009 09:55 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/23/2009 09:55 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/23/2009 09:55 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/23/2009 09:55 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/23/2009 09:55 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/23/2009 09:55 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/23/2009 09:55 PM
Chrysene	ND	79	330	µg/Kg	1	4/23/2009 09:55 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/23/2009 09:55 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/23/2009 09:55 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/23/2009 09:55 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/23/2009 09:55 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/23/2009 09:55 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/23/2009 09:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-014A

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090423A	QC Batch: 54928	PrepDate: 4/22/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/23/2009 09:55 PM
Fluorene	ND	69	330	µg/Kg	1	4/23/2009 09:55 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/23/2009 09:55 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/23/2009 09:55 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/23/2009 09:55 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/23/2009 09:55 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/23/2009 09:55 PM
Isophorone	ND	85	330	µg/Kg	1	4/23/2009 09:55 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/23/2009 09:55 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/23/2009 09:55 PM
Naphthalene	ND	86	330	µg/Kg	1	4/23/2009 09:55 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/23/2009 09:55 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/23/2009 09:55 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/23/2009 09:55 PM
Phenol	ND	95	330	µg/Kg	1	4/23/2009 09:55 PM
Pyrene	ND	77	330	µg/Kg	1	4/23/2009 09:55 PM
Surr: 1,2-Dichlorobenzene-d4	76.8	0	49-103	%REC	1	4/23/2009 09:55 PM
Surr: 2,4,6-Tribromophenol	98.9	0	47-129	%REC	1	4/23/2009 09:55 PM
Surr: 2-Chlorophenol-d4	84.2	0	54-109	%REC	1	4/23/2009 09:55 PM
Surr: 2-Fluorobiphenyl	94.9	0	59-108	%REC	1	4/23/2009 09:55 PM
Surr: 2-Fluorophenol	86.3	0	50-111	%REC	1	4/23/2009 09:55 PM
Surr: 4-Terphenyl-d14	111	0	58-135	%REC	1	4/23/2009 09:55 PM
Surr: Nitrobenzene-d5	97.8	0	54-115	%REC	1	4/23/2009 09:55 PM
Surr: Phenol-d5	89.1	0	58-112	%REC	1	4/23/2009 09:55 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-014B

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1,1-Trichloroethane	ND 0.58	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1,2-Trichloroethane	ND 1.5	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1-Dichloroethane	ND 0.45	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,1-Dichloropropene	ND 1.4	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2,3-Trichlorobenzene	ND 0.93	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2,3-Trichloropropane	ND 0.67	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2,4-Trichlorobenzene	ND 1.2	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2,4-Trimethylbenzene	ND 0.77	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2-Dibromo-3-chloropropane	ND 1.7	8.9	µg/Kg 1 4/22/2009 06:40 PM
1,2-Dibromoethane	ND 1.3	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2-Dichlorobenzene	ND 0.74	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2-Dichloroethane	ND 1.0	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,2-Dichloropropane	ND 1.4	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,3,5-Trimethylbenzene	ND 0.90	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,3-Dichlorobenzene	ND 0.90	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,3-Dichloropropane	ND 0.94	4.5	µg/Kg 1 4/22/2009 06:40 PM
1,4-Dichlorobenzene	ND 1.1	4.5	µg/Kg 1 4/22/2009 06:40 PM
2,2-Dichloropropane	ND 0.78	4.5	µg/Kg 1 4/22/2009 06:40 PM
2-Chlorotoluene	ND 0.59	4.5	µg/Kg 1 4/22/2009 06:40 PM
4-Chlorotoluene	ND 0.60	4.5	µg/Kg 1 4/22/2009 06:40 PM
4-Isopropyltoluene	ND 0.51	4.5	µg/Kg 1 4/22/2009 06:40 PM
Benzene	ND 0.74	4.5	µg/Kg 1 4/22/2009 06:40 PM
Bromobenzene	ND 1.4	4.5	µg/Kg 1 4/22/2009 06:40 PM
Bromodichloromethane	ND 0.76	4.5	µg/Kg 1 4/22/2009 06:40 PM
Bromoform	ND 1.1	4.5	µg/Kg 1 4/22/2009 06:40 PM
Bromomethane	ND 0.78	4.5	µg/Kg 1 4/22/2009 06:40 PM
Carbon tetrachloride	ND 1.2	4.5	µg/Kg 1 4/22/2009 06:40 PM
Chlorobenzene	ND 0.80	4.5	µg/Kg 1 4/22/2009 06:40 PM
Chloroethane	ND 1.2	4.5	µg/Kg 1 4/22/2009 06:40 PM
Chloroform	ND 0.55	4.5	µg/Kg 1 4/22/2009 06:40 PM
Chloromethane	ND 0.73	4.5	µg/Kg 1 4/22/2009 06:40 PM
cis-1,2-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/22/2009 06:40 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-014B

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.5	µg/Kg	1	4/22/2009 06:40 PM
Dibromochloromethane	ND	0.61	4.5	µg/Kg	1	4/22/2009 06:40 PM
Dibromomethane	ND	1.5	4.5	µg/Kg	1	4/22/2009 06:40 PM
Dichlorodifluoromethane	ND	0.54	4.5	µg/Kg	1	4/22/2009 06:40 PM
Ethylbenzene	ND	0.81	4.5	µg/Kg	1	4/22/2009 06:40 PM
Hexachlorobutadiene	ND	3.0	4.5	µg/Kg	1	4/22/2009 06:40 PM
Isopropylbenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 06:40 PM
m,p-Xylene	ND	1.5	8.9	µg/Kg	1	4/22/2009 06:40 PM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/22/2009 06:40 PM
n-Butylbenzene	ND	0.93	4.5	µg/Kg	1	4/22/2009 06:40 PM
n-Propylbenzene	ND	0.81	4.5	µg/Kg	1	4/22/2009 06:40 PM
Naphthalene	ND	1.5	4.5	µg/Kg	1	4/22/2009 06:40 PM
o-Xylene	ND	0.92	4.5	µg/Kg	1	4/22/2009 06:40 PM
sec-Butylbenzene	ND	0.76	4.5	µg/Kg	1	4/22/2009 06:40 PM
Styrene	ND	0.80	4.5	µg/Kg	1	4/22/2009 06:40 PM
tert-Butylbenzene	ND	0.54	4.5	µg/Kg	1	4/22/2009 06:40 PM
Tetrachloroethene	ND	0.94	4.5	µg/Kg	1	4/22/2009 06:40 PM
Toluene	ND	0.74	4.5	µg/Kg	1	4/22/2009 06:40 PM
trans-1,2-Dichloroethene	ND	0.89	4.5	µg/Kg	1	4/22/2009 06:40 PM
Trichloroethene	ND	1.8	4.5	µg/Kg	1	4/22/2009 06:40 PM
Trichlorofluoromethane	ND	1.0	4.5	µg/Kg	1	4/22/2009 06:40 PM
Vinyl chloride	ND	0.53	4.5	µg/Kg	1	4/22/2009 06:40 PM
Surr: 1,2-Dichloroethane-d4	116	0	68-147	%REC	1	4/22/2009 06:40 PM
Surr: 4-Bromofluorobenzene	99.5	0	67-127	%REC	1	4/22/2009 06:40 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/22/2009 06:40 PM
Surr: Toluene-d8	114	0	75-120	%REC	1	4/22/2009 06:40 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-014E

Client Sample ID: 1001-108-20-S
Collection Date: 4/21/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.14	0.95	mg/Kg	1	4/22/2009 06:27 PM
Surr: Bromofluorobenzene (FID)	110 0	59-145	%REC	1	4/22/2009 06:27 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.18	0.95	mg/Kg	1	4/22/2009 06:27 PM
Surr: Bromofluorobenzene (FID)	110 0	59-145	%REC	1	4/22/2009 06:27 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015A

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:05 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Barium	170	0.13	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Chromium	29	0.088	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Cobalt	10	0.014	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Copper	27	0.26	2.0	mg/Kg	1	4/27/2009 05:05 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Nickel	18	0.032	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Vanadium	66	0.019	1.0	mg/Kg	1	4/27/2009 05:05 PM	
Zinc	57	0.19	1.0	mg/Kg	1	4/27/2009 05:05 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 12:36 AM	
Surr: p-Terphenyl	105	0	57-144	%REC	1	4/24/2009 12:36 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 12:36 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 12:36 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 12:36 AM	
Surr: p-Terphenyl	105	0	57-144	%REC	1	4/24/2009 12:36 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 10:43 PM
Surr: Decachlorobiphenyl	32.9	0	30-124	%REC	1	4/23/2009 10:43 PM
Surr: Tetrachloro-m-xylene	43.7	0	40-118	%REC	1	4/23/2009 10:43 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090423C	QC Batch: 54934	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:53 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090424A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/27/2009 06:34 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/27/2009 06:34 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/27/2009 06:34 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/27/2009 06:34 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/27/2009 06:34 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/27/2009 06:34 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/27/2009 06:34 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/27/2009 06:34 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/27/2009 06:34 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/27/2009 06:34 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/27/2009 06:34 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/27/2009 06:34 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/27/2009 06:34 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/27/2009 06:34 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/27/2009 06:34 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015A

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090424A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/27/2009 06:34 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/27/2009 06:34 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/27/2009 06:34 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/27/2009 06:34 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/27/2009 06:34 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/27/2009 06:34 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/27/2009 06:34 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/27/2009 06:34 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/27/2009 06:34 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/27/2009 06:34 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/27/2009 06:34 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/27/2009 06:34 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/27/2009 06:34 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/27/2009 06:34 PM
Anthracene	ND	76	330	µg/Kg	1	4/27/2009 06:34 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/27/2009 06:34 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/27/2009 06:34 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/27/2009 06:34 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/27/2009 06:34 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/27/2009 06:34 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/27/2009 06:34 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/27/2009 06:34 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/27/2009 06:34 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/27/2009 06:34 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/27/2009 06:34 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/27/2009 06:34 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/27/2009 06:34 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/27/2009 06:34 PM
Chrysene	ND	79	330	µg/Kg	1	4/27/2009 06:34 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/27/2009 06:34 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/27/2009 06:34 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/27/2009 06:34 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/27/2009 06:34 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/27/2009 06:34 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/27/2009 06:34 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015A

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090424A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/27/2009 06:34 PM
Fluorene	ND	69	330	µg/Kg	1	4/27/2009 06:34 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/27/2009 06:34 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/27/2009 06:34 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/27/2009 06:34 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/27/2009 06:34 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/27/2009 06:34 PM
Isophorone	ND	85	330	µg/Kg	1	4/27/2009 06:34 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/27/2009 06:34 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/27/2009 06:34 PM
Naphthalene	ND	86	330	µg/Kg	1	4/27/2009 06:34 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/27/2009 06:34 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/27/2009 06:34 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/27/2009 06:34 PM
Phenol	ND	95	330	µg/Kg	1	4/27/2009 06:34 PM
Pyrene	ND	77	330	µg/Kg	1	4/27/2009 06:34 PM
Surr: 1,2-Dichlorobenzene-d4	89.6	0	49-103	%REC	1	4/27/2009 06:34 PM
Surr: 2,4,6-Tribromophenol	60.2	0	47-129	%REC	1	4/27/2009 06:34 PM
Surr: 2-Chlorophenol-d4	95.2	0	54-109	%REC	1	4/27/2009 06:34 PM
Surr: 2-Fluorobiphenyl	104	0	59-108	%REC	1	4/27/2009 06:34 PM
Surr: 2-Fluorophenol	91.3	0	50-111	%REC	1	4/27/2009 06:34 PM
Surr: 4-Terphenyl-d14	135	0	58-135	%REC	1	4/27/2009 06:34 PM
Surr: Nitrobenzene-d5	97.1	0	54-115	%REC	1	4/27/2009 06:34 PM
Surr: Phenol-d5	98.0	0	58-112	%REC	1	4/27/2009 06:34 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015B

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1,1-Trichloroethane	ND 0.68	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1,2,2-Tetrachloroethane	ND 1.7	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1,2-Trichloroethane	ND 1.7	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1-Dichloroethane	ND 0.54	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1-Dichloroethene	ND 1.3	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,1-Dichloropropene	ND 1.6	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2,3-Trichlorobenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2,3-Trichloropropane	ND 0.80	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2,4-Trichlorobenzene	ND 1.4	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2,4-Trimethylbenzene	ND 0.91	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2-Dibromo-3-chloropropane	ND 2.0	11	µg/Kg 1 4/22/2009 07:00 PM
1,2-Dibromoethane	ND 1.6	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2-Dichlorobenzene	ND 0.88	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2-Dichloroethane	ND 1.2	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,2-Dichloropropane	ND 1.7	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,3,5-Trimethylbenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,3-Dichlorobenzene	ND 1.1	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,3-Dichloropropane	ND 1.1	5.3	µg/Kg 1 4/22/2009 07:00 PM
1,4-Dichlorobenzene	ND 1.3	5.3	µg/Kg 1 4/22/2009 07:00 PM
2,2-Dichloropropane	ND 0.92	5.3	µg/Kg 1 4/22/2009 07:00 PM
2-Chlorotoluene	ND 0.70	5.3	µg/Kg 1 4/22/2009 07:00 PM
4-Chlorotoluene	ND 0.72	5.3	µg/Kg 1 4/22/2009 07:00 PM
4-Isopropyltoluene	ND 0.61	5.3	µg/Kg 1 4/22/2009 07:00 PM
Benzene	ND 0.87	5.3	µg/Kg 1 4/22/2009 07:00 PM
Bromobenzene	ND 1.7	5.3	µg/Kg 1 4/22/2009 07:00 PM
Bromodichloromethane	ND 0.91	5.3	µg/Kg 1 4/22/2009 07:00 PM
Bromoform	ND 1.3	5.3	µg/Kg 1 4/22/2009 07:00 PM
Bromomethane	ND 0.93	5.3	µg/Kg 1 4/22/2009 07:00 PM
Carbon tetrachloride	ND 1.4	5.3	µg/Kg 1 4/22/2009 07:00 PM
Chlorobenzene	ND 0.95	5.3	µg/Kg 1 4/22/2009 07:00 PM
Chloroethane	ND 1.4	5.3	µg/Kg 1 4/22/2009 07:00 PM
Chloroform	ND 0.66	5.3	µg/Kg 1 4/22/2009 07:00 PM
Chloromethane	ND 0.87	5.3	µg/Kg 1 4/22/2009 07:00 PM
cis-1,2-Dichloroethene	ND 1.3	5.3	µg/Kg 1 4/22/2009 07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015B

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.4	5.3	µg/Kg	1	4/22/2009 07:00 PM
Dibromochloromethane	ND	0.72	5.3	µg/Kg	1	4/22/2009 07:00 PM
Dibromomethane	ND	1.8	5.3	µg/Kg	1	4/22/2009 07:00 PM
Dichlorodifluoromethane	ND	0.64	5.3	µg/Kg	1	4/22/2009 07:00 PM
Ethylbenzene	ND	0.97	5.3	µg/Kg	1	4/22/2009 07:00 PM
Hexachlorobutadiene	ND	3.6	5.3	µg/Kg	1	4/22/2009 07:00 PM
Isopropylbenzene	ND	1.3	5.3	µg/Kg	1	4/22/2009 07:00 PM
m,p-Xylene	ND	1.8	11	µg/Kg	1	4/22/2009 07:00 PM
Methylene chloride	ND	5.3	5.3	µg/Kg	1	4/22/2009 07:00 PM
n-Butylbenzene	ND	1.1	5.3	µg/Kg	1	4/22/2009 07:00 PM
n-Propylbenzene	ND	0.96	5.3	µg/Kg	1	4/22/2009 07:00 PM
Naphthalene	ND	1.8	5.3	µg/Kg	1	4/22/2009 07:00 PM
o-Xylene	ND	1.1	5.3	µg/Kg	1	4/22/2009 07:00 PM
sec-Butylbenzene	ND	0.91	5.3	µg/Kg	1	4/22/2009 07:00 PM
Styrene	ND	0.95	5.3	µg/Kg	1	4/22/2009 07:00 PM
tert-Butylbenzene	ND	0.65	5.3	µg/Kg	1	4/22/2009 07:00 PM
Tetrachloroethene	ND	1.1	5.3	µg/Kg	1	4/22/2009 07:00 PM
Toluene	ND	0.88	5.3	µg/Kg	1	4/22/2009 07:00 PM
trans-1,2-Dichloroethene	ND	1.1	5.3	µg/Kg	1	4/22/2009 07:00 PM
Trichloroethene	ND	2.1	5.3	µg/Kg	1	4/22/2009 07:00 PM
Trichlorofluoromethane	ND	1.2	5.3	µg/Kg	1	4/22/2009 07:00 PM
Vinyl chloride	ND	0.63	5.3	µg/Kg	1	4/22/2009 07:00 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/22/2009 07:00 PM
Surr: 4-Bromofluorobenzene	99.4	0	67-127	%REC	1	4/22/2009 07:00 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/22/2009 07:00 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/22/2009 07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-015E

Client Sample ID: 1001-106-2-S
Collection Date: 4/21/2009 9:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.15	0.98	mg/Kg
Surr: Bromofluorobenzene (FID)	99.5 0	59-145	%REC

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.19	0.98	mg/Kg
Surr: Bromofluorobenzene (FID)	99.5 0	59-145	%REC

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-016A

Client Sample ID: 1001-106-5-S
Collection Date: 4/21/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:09 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Barium	190	0.13	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Chromium	28	0.088	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Cobalt	11	0.014	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Copper	27	0.26	2.0	mg/Kg	1	4/27/2009 05:09 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Nickel	20	0.032	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Vanadium	61	0.019	1.0	mg/Kg	1	4/27/2009 05:09 PM	
Zinc	59	0.19	1.0	mg/Kg	1	4/27/2009 05:09 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	0.18	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 12:45 AM	
Surr: p-Terphenyl	104	0	57-144	%REC	1	4/24/2009 12:45 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 12:45 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 12:45 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 12:45 AM	
Surr: p-Terphenyl	104	0	57-144	%REC	1	4/24/2009 12:45 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-016A

Client Sample ID: 1001-106-5-S
Collection Date: 4/21/2009 9:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 11:13 PM	
Surr: Decachlorobiphenyl	80.5	0	30-124	%REC	1	4/23/2009 11:13 PM	
Surr: Tetrachloro-m-xylene	110	0	40-118	%REC	1	4/23/2009 11:13 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A						
RunID: AA5_090423C	QC Batch: 54934			PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND	0.021	0.10	mg/Kg	1	4/23/2009 12:55 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 01:35 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 01:35 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 01:35 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 01:35 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 01:35 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 01:35 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 01:35 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 01:35 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 01:35 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 01:35 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 01:35 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 01:35 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 01:35 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 01:35 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 01:35 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Client Sample ID: 1001-106-5-S
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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 01:35 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 01:35 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 01:35 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 01:35 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 01:35 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 01:35 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 01:35 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 01:35 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 01:35 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 01:35 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 01:35 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 01:35 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 01:35 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 01:35 PM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 01:35 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 01:35 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 01:35 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 01:35 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 01:35 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 01:35 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 01:35 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 01:35 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 01:35 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 01:35 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 01:35 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 01:35 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 01:35 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 01:35 PM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 01:35 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 01:35 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 01:35 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 01:35 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 01:35 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 01:35 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 01:35 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Matrix: SOIL

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 01:35 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 01:35 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 01:35 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 01:35 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 01:35 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 01:35 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 01:35 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 01:35 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 01:35 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 01:35 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 01:35 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 01:35 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 01:35 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 01:35 PM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 01:35 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 01:35 PM
Surr: 1,2-Dichlorobenzene-d4	86.8	0	49-103	%REC	1	4/28/2009 01:35 PM
Surr: 2,4,6-Tribromophenol	91.7	0	47-129	%REC	1	4/28/2009 01:35 PM
Surr: 2-Chlorophenol-d4	91.2	0	54-109	%REC	1	4/28/2009 01:35 PM
Surr: 2-Fluorobiphenyl	94.5	0	59-108	%REC	1	4/28/2009 01:35 PM
Surr: 2-Fluorophenol	95.1	0	50-111	%REC	1	4/28/2009 01:35 PM
Surr: 4-Terphenyl-d14	117	0	58-135	%REC	1	4/28/2009 01:35 PM
Surr: Nitrobenzene-d5	97.3	0	54-115	%REC	1	4/28/2009 01:35 PM
Surr: Phenol-d5	94.1	0	58-112	%REC	1	4/28/2009 01:35 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	8.1	0.10	0.10	pH Units	1	4/23/2009

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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090422B	QC Batch:	T09VS105	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1,1-Trichloroethane	ND	0.58	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1,2-Trichloroethane	ND	1.5	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1-Dichloroethane	ND	0.45	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,1-Dichloropropene	ND	1.4	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2,3-Trichlorobenzene	ND	0.93	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2,3-Trichloropropane	ND	0.67	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2,4-Trimethylbenzene	ND	0.77	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2-Dibromo-3-chloropropane	ND	1.7	9.0	µg/Kg	1	4/22/2009 07:19 PM	
1,2-Dibromoethane	ND	1.3	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2-Dichlorobenzene	ND	0.75	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2-Dichloroethane	ND	1.0	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,2-Dichloropropane	ND	1.4	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,3,5-Trimethylbenzene	ND	0.90	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,3-Dichlorobenzene	ND	0.90	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,3-Dichloropropane	ND	0.94	4.5	µg/Kg	1	4/22/2009 07:19 PM	
1,4-Dichlorobenzene	ND	1.1	4.5	µg/Kg	1	4/22/2009 07:19 PM	
2,2-Dichloropropane	ND	0.78	4.5	µg/Kg	1	4/22/2009 07:19 PM	
2-Chlorotoluene	ND	0.59	4.5	µg/Kg	1	4/22/2009 07:19 PM	
4-Chlorotoluene	ND	0.60	4.5	µg/Kg	1	4/22/2009 07:19 PM	
4-Isopropyltoluene	ND	0.51	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Benzene	ND	0.74	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Bromobenzene	ND	1.4	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Bromodichloromethane	ND	0.77	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Bromoform	ND	1.1	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Bromomethane	ND	0.78	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Carbon tetrachloride	ND	1.2	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Chlorobenzene	ND	0.80	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Chloroethane	ND	1.2	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Chloroform	ND	0.56	4.5	µg/Kg	1	4/22/2009 07:19 PM	
Chloromethane	ND	0.73	4.5	µg/Kg	1	4/22/2009 07:19 PM	
cis-1,2-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/22/2009 07:19 PM	

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Matrix: SOIL

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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.5	µg/Kg 1 4/22/2009 07:19 PM
Dibromochloromethane	ND 0.61	4.5	µg/Kg 1 4/22/2009 07:19 PM
Dibromomethane	ND 1.5	4.5	µg/Kg 1 4/22/2009 07:19 PM
Dichlorodifluoromethane	ND 0.54	4.5	µg/Kg 1 4/22/2009 07:19 PM
Ethylbenzene	ND 0.82	4.5	µg/Kg 1 4/22/2009 07:19 PM
Hexachlorobutadiene	ND 3.0	4.5	µg/Kg 1 4/22/2009 07:19 PM
Isopropylbenzene	ND 1.1	4.5	µg/Kg 1 4/22/2009 07:19 PM
m,p-Xylene	ND 1.5	9.0	µg/Kg 1 4/22/2009 07:19 PM
Methylene chloride	ND 4.5	4.5	µg/Kg 1 4/22/2009 07:19 PM
n-Butylbenzene	ND 0.93	4.5	µg/Kg 1 4/22/2009 07:19 PM
n-Propylbenzene	ND 0.81	4.5	µg/Kg 1 4/22/2009 07:19 PM
Naphthalene	ND 1.5	4.5	µg/Kg 1 4/22/2009 07:19 PM
o-Xylene	ND 0.92	4.5	µg/Kg 1 4/22/2009 07:19 PM
sec-Butylbenzene	ND 0.76	4.5	µg/Kg 1 4/22/2009 07:19 PM
Styrene	ND 0.80	4.5	µg/Kg 1 4/22/2009 07:19 PM
tert-Butylbenzene	ND 0.55	4.5	µg/Kg 1 4/22/2009 07:19 PM
Tetrachloroethene	ND 0.95	4.5	µg/Kg 1 4/22/2009 07:19 PM
Toluene	ND 0.74	4.5	µg/Kg 1 4/22/2009 07:19 PM
trans-1,2-Dichloroethene	ND 0.89	4.5	µg/Kg 1 4/22/2009 07:19 PM
Trichloroethene	ND 1.8	4.5	µg/Kg 1 4/22/2009 07:19 PM
Trichlorofluoromethane	ND 1.0	4.5	µg/Kg 1 4/22/2009 07:19 PM
Vinyl chloride	ND 0.53	4.5	µg/Kg 1 4/22/2009 07:19 PM
Surr: 1,2-Dichloroethane-d4	112 0	68-147	%REC 1 4/22/2009 07:19 PM
Surr: 4-Bromofluorobenzene	106 0	67-127	%REC 1 4/22/2009 07:19 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/22/2009 07:19 PM
Surr: Toluene-d8	114 0	75-120	%REC 1 4/22/2009 07:19 PM

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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.14	0.92	mg/Kg 1 4/22/2009 06:58 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	%REC 1 4/22/2009 06:58 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.92	mg/Kg 1 4/22/2009 06:58 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	%REC 1 4/22/2009 06:58 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:11 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Barium	170	0.13	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Chromium	23	0.088	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Cobalt	10	0.014	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Copper	26	0.26	2.0	mg/Kg	1	4/27/2009 05:11 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Nickel	18	0.032	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Vanadium	56	0.019	1.0	mg/Kg	1	4/27/2009 05:11 PM	
Zinc	55	0.19	1.0	mg/Kg	1	4/27/2009 05:11 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 12:54 AM	
Surr: p-Terphenyl	95.7	0	57-144	%REC	1	4/24/2009 12:54 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 12:54 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 12:54 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 12:54 AM	
Surr: p-Terphenyl	95.7	0	57-144	%REC	1	4/24/2009 12:54 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017A

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/23/2009 11:43 PM
Surr: Decachlorobiphenyl	71.6	0	30-124	%REC	1	4/23/2009 11:43 PM
Surr: Tetrachloro-m-xylene	96.5	0	40-118	%REC	1	4/23/2009 11:43 PM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090423C	QC Batch: 54934	PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/23/2009 01:01 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 02:04 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 02:04 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 02:04 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 02:04 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 02:04 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 02:04 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 02:04 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 02:04 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 02:04 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 02:04 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 02:04 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 02:04 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 02:04 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 02:04 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 02:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017A

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 02:04 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 02:04 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 02:04 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 02:04 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 02:04 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 02:04 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 02:04 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 02:04 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 02:04 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 02:04 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 02:04 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 02:04 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 02:04 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 02:04 PM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 02:04 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 02:04 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 02:04 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 02:04 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 02:04 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 02:04 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 02:04 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 02:04 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 02:04 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 02:04 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 02:04 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 02:04 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 02:04 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 02:04 PM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 02:04 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 02:04 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 02:04 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 02:04 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 02:04 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 02:04 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 02:04 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017A

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 02:04 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 02:04 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 02:04 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 02:04 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 02:04 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 02:04 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 02:04 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 02:04 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 02:04 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 02:04 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 02:04 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 02:04 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 02:04 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 02:04 PM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 02:04 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 02:04 PM
Surr: 1,2-Dichlorobenzene-d4	81.1	0	49-103	%REC	1	4/28/2009 02:04 PM
Surr: 2,4,6-Tribromophenol	90.4	0	47-129	%REC	1	4/28/2009 02:04 PM
Surr: 2-Chlorophenol-d4	86.6	0	54-109	%REC	1	4/28/2009 02:04 PM
Surr: 2-Fluorobiphenyl	94.5	0	59-108	%REC	1	4/28/2009 02:04 PM
Surr: 2-Fluorophenol	90.0	0	50-111	%REC	1	4/28/2009 02:04 PM
Surr: 4-Terphenyl-d14	120	0	58-135	%REC	1	4/28/2009 02:04 PM
Surr: Nitrobenzene-d5	92.7	0	54-115	%REC	1	4/28/2009 02:04 PM
Surr: Phenol-d5	91.1	0	58-112	%REC	1	4/28/2009 02:04 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	8.1	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017B

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1,1-Trichloroethane	ND 0.54	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1,2,2-Tetrachloroethane	ND 1.3	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1,2-Trichloroethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1-Dichloroethane	ND 0.42	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1-Dichloroethene	ND 1.1	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,1-Dichloropropene	ND 1.3	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2,3-Trichlorobenzene	ND 0.86	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2,3-Trichloropropane	ND 0.62	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2,4-Trichlorobenzene	ND 1.1	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2,4-Trimethylbenzene	ND 0.72	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2-Dibromo-3-chloropropane	ND 1.6	8.3	µg/Kg 1 4/22/2009 07:39 PM
1,2-Dibromoethane	ND 1.2	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2-Dichlorobenzene	ND 0.69	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2-Dichloroethane	ND 0.98	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,2-Dichloropropane	ND 1.3	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,3,5-Trimethylbenzene	ND 0.84	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,3-Dichlorobenzene	ND 0.84	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,3-Dichloropropane	ND 0.88	4.2	µg/Kg 1 4/22/2009 07:39 PM
1,4-Dichlorobenzene	ND 1.0	4.2	µg/Kg 1 4/22/2009 07:39 PM
2,2-Dichloropropane	ND 0.73	4.2	µg/Kg 1 4/22/2009 07:39 PM
2-Chlorotoluene	ND 0.55	4.2	µg/Kg 1 4/22/2009 07:39 PM
4-Chlorotoluene	ND 0.56	4.2	µg/Kg 1 4/22/2009 07:39 PM
4-Isopropyltoluene	ND 0.48	4.2	µg/Kg 1 4/22/2009 07:39 PM
Benzene	ND 0.68	4.2	µg/Kg 1 4/22/2009 07:39 PM
Bromobenzene	ND 1.3	4.2	µg/Kg 1 4/22/2009 07:39 PM
Bromodichloromethane	ND 0.71	4.2	µg/Kg 1 4/22/2009 07:39 PM
Bromoform	ND 1.0	4.2	µg/Kg 1 4/22/2009 07:39 PM
Bromomethane	ND 0.73	4.2	µg/Kg 1 4/22/2009 07:39 PM
Carbon tetrachloride	ND 1.1	4.2	µg/Kg 1 4/22/2009 07:39 PM
Chlorobenzene	ND 0.75	4.2	µg/Kg 1 4/22/2009 07:39 PM
Chloroethane	ND 1.1	4.2	µg/Kg 1 4/22/2009 07:39 PM
Chloroform	ND 0.52	4.2	µg/Kg 1 4/22/2009 07:39 PM
Chloromethane	ND 0.68	4.2	µg/Kg 1 4/22/2009 07:39 PM
cis-1,2-Dichloroethene	ND 1.0	4.2	µg/Kg 1 4/22/2009 07:39 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017B

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.2	µg/Kg 1 4/22/2009 07:39 PM
Dibromochloromethane	ND 0.57	4.2	µg/Kg 1 4/22/2009 07:39 PM
Dibromomethane	ND 1.4	4.2	µg/Kg 1 4/22/2009 07:39 PM
Dichlorodifluoromethane	ND 0.50	4.2	µg/Kg 1 4/22/2009 07:39 PM
Ethylbenzene	ND 0.76	4.2	µg/Kg 1 4/22/2009 07:39 PM
Hexachlorobutadiene	ND 2.8	4.2	µg/Kg 1 4/22/2009 07:39 PM
Isopropylbenzene	ND 1.0	4.2	µg/Kg 1 4/22/2009 07:39 PM
m,p-Xylene	ND 1.4	8.3	µg/Kg 1 4/22/2009 07:39 PM
Methylene chloride	ND 4.2	4.2	µg/Kg 1 4/22/2009 07:39 PM
n-Butylbenzene	ND 0.87	4.2	µg/Kg 1 4/22/2009 07:39 PM
n-Propylbenzene	ND 0.75	4.2	µg/Kg 1 4/22/2009 07:39 PM
Naphthalene	ND 1.4	4.2	µg/Kg 1 4/22/2009 07:39 PM
o-Xylene	ND 0.86	4.2	µg/Kg 1 4/22/2009 07:39 PM
sec-Butylbenzene	ND 0.71	4.2	µg/Kg 1 4/22/2009 07:39 PM
Styrene	ND 0.75	4.2	µg/Kg 1 4/22/2009 07:39 PM
tert-Butylbenzene	ND 0.51	4.2	µg/Kg 1 4/22/2009 07:39 PM
Tetrachloroethene	ND 0.88	4.2	µg/Kg 1 4/22/2009 07:39 PM
Toluene	ND 0.69	4.2	µg/Kg 1 4/22/2009 07:39 PM
trans-1,2-Dichloroethene	ND 0.83	4.2	µg/Kg 1 4/22/2009 07:39 PM
Trichloroethene	ND 1.6	4.2	µg/Kg 1 4/22/2009 07:39 PM
Trichlorofluoromethane	ND 0.97	4.2	µg/Kg 1 4/22/2009 07:39 PM
Vinyl chloride	ND 0.49	4.2	µg/Kg 1 4/22/2009 07:39 PM
Surr: 1,2-Dichloroethane-d4	108 0	68-147	%REC 1 4/22/2009 07:39 PM
Surr: 4-Bromofluorobenzene	104 0	67-127	%REC 1 4/22/2009 07:39 PM
Surr: Dibromofluoromethane	109 0	72-141	%REC 1 4/22/2009 07:39 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/22/2009 07:39 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-017E

Client Sample ID: 1001-106-10-S
Collection Date: 4/21/2009 9:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.13	0.88	mg/Kg	1	4/22/2009 07:14 PM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 07:14 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.17	0.88	mg/Kg	1	4/22/2009 07:14 PM
Surr: Bromofluorobenzene (FID)	117 0	59-145	%REC	1	4/22/2009 07:14 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-018A

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:14 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Barium	180	0.13	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Chromium	25	0.088	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Cobalt	9.9	0.014	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Copper	30	0.26	2.0	mg/Kg	1	4/27/2009 05:14 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Vanadium	67	0.019	1.0	mg/Kg	1	4/27/2009 05:14 PM	
Zinc	58	0.19	1.0	mg/Kg	1	4/27/2009 05:14 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/24/2009 01:03 AM	
Surr: p-Terphenyl	110	0	57-144	%REC	1	4/24/2009 01:03 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/24/2009 01:03 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/24/2009 01:03 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/24/2009 01:03 AM	
Surr: p-Terphenyl	110	0	57-144	%REC	1	4/24/2009 01:03 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-018A

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 12:13 AM	
Surr: Decachlorobiphenyl	82.9	0	30-124	%REC	1	4/24/2009 12:13 AM	
Surr: Tetrachloro-m-xylene	117	0	40-118	%REC	1	4/24/2009 12:13 AM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A							
RunID: AA5_090423C	QC Batch: 54934			PrepDate:	4/23/2009	Analyst: RQ	
Mercury	ND	0.021	0.10	mg/Kg	1	4/23/2009 01:03 PM	

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 11:11 AM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 11:11 AM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 11:11 AM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 11:11 AM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 11:11 AM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 11:11 AM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 11:11 AM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 11:11 AM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 11:11 AM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 11:11 AM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 11:11 AM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 11:11 AM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 11:11 AM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 11:11 AM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 11:11 AM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-018A

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 11:11 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 11:11 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 11:11 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 11:11 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 11:11 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 11:11 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 11:11 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 11:11 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 11:11 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 11:11 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 11:11 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 11:11 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 11:11 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 11:11 AM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 11:11 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 11:11 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 11:11 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 11:11 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 11:11 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 11:11 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 11:11 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 11:11 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 11:11 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 11:11 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 11:11 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 11:11 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 11:11 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 11:11 AM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 11:11 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 11:11 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 11:11 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 11:11 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 11:11 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 11:11 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 11:11 AM

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ANALYTICAL RESULTS

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Project: 207126015
Lab ID: 105148-018A

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 11:11 AM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 11:11 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 11:11 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 11:11 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 11:11 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 11:11 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 11:11 AM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 11:11 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 11:11 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 11:11 AM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 11:11 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 11:11 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 11:11 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 11:11 AM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 11:11 AM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 11:11 AM
Surr: 1,2-Dichlorobenzene-d4	74.5	0	49-103	%REC	1	4/28/2009 11:11 AM
Surr: 2,4,6-Tribromophenol	93.0	0	47-129	%REC	1	4/28/2009 11:11 AM
Surr: 2-Chlorophenol-d4	80.1	0	54-109	%REC	1	4/28/2009 11:11 AM
Surr: 2-Fluorobiphenyl	88.9	0	59-108	%REC	1	4/28/2009 11:11 AM
Surr: 2-Fluorophenol	81.8	0	50-111	%REC	1	4/28/2009 11:11 AM
Surr: 4-Terphenyl-d14	105	0	58-135	%REC	1	4/28/2009 11:11 AM
Surr: Nitrobenzene-d5	84.3	0	54-115	%REC	1	4/28/2009 11:11 AM
Surr: Phenol-d5	86.0	0	58-112	%REC	1	4/28/2009 11:11 AM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	7.8	0.10	0.10	pH Units	1	4/23/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-018B

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1,1-Trichloroethane	ND 0.79	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1,2,2-Tetrachloroethane	ND 1.9	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1,2-Trichloroethane	ND 2.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1-Dichloroethane	ND 0.62	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1-Dichloroethene	ND 1.6	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,1-Dichloropropene	ND 1.9	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2,3-Trichlorobenzene	ND 1.3	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2,3-Trichloropropane	ND 0.92	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2,4-Trichlorobenzene	ND 1.6	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2,4-Trimethylbenzene	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2-Dibromo-3-chloropropane	ND 2.4	12	µg/Kg 1 4/22/2009 07:58 PM
1,2-Dibromoethane	ND 1.8	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2-Dichlorobenzene	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2-Dichloroethane	ND 1.4	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,2-Dichloropropane	ND 1.9	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,3,5-Trimethylbenzene	ND 1.2	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,3-Dichlorobenzene	ND 1.2	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,3-Dichloropropane	ND 1.3	6.1	µg/Kg 1 4/22/2009 07:58 PM
1,4-Dichlorobenzene	ND 1.5	6.1	µg/Kg 1 4/22/2009 07:58 PM
2,2-Dichloropropane	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
2-Chlorotoluene	ND 0.81	6.1	µg/Kg 1 4/22/2009 07:58 PM
4-Chlorotoluene	ND 0.83	6.1	µg/Kg 1 4/22/2009 07:58 PM
4-Isopropyltoluene	ND 0.70	6.1	µg/Kg 1 4/22/2009 07:58 PM
Benzene	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
Bromobenzene	ND 1.9	6.1	µg/Kg 1 4/22/2009 07:58 PM
Bromodichloromethane	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
Bromoform	ND 1.5	6.1	µg/Kg 1 4/22/2009 07:58 PM
Bromomethane	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Carbon tetrachloride	ND 1.6	6.1	µg/Kg 1 4/22/2009 07:58 PM
Chlorobenzene	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Chloroethane	ND 1.6	6.1	µg/Kg 1 4/22/2009 07:58 PM
Chloroform	ND 0.76	6.1	µg/Kg 1 4/22/2009 07:58 PM
Chloromethane	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
cis-1,2-Dichloroethene	ND 1.5	6.1	µg/Kg 1 4/22/2009 07:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-018B

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.6	6.1	µg/Kg 1 4/22/2009 07:58 PM
Dibromochloromethane	ND 0.83	6.1	µg/Kg 1 4/22/2009 07:58 PM
Dibromomethane	ND 2.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Dichlorodifluoromethane	ND 0.73	6.1	µg/Kg 1 4/22/2009 07:58 PM
Ethylbenzene	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Hexachlorobutadiene	ND 4.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Isopropylbenzene	ND 1.5	6.1	µg/Kg 1 4/22/2009 07:58 PM
m,p-Xylene	ND 2.1	12	µg/Kg 1 4/22/2009 07:58 PM
Methylene chloride	ND 6.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
n-Butylbenzene	ND 1.3	6.1	µg/Kg 1 4/22/2009 07:58 PM
n-Propylbenzene	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
Naphthalene	ND 2.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
o-Xylene	ND 1.3	6.1	µg/Kg 1 4/22/2009 07:58 PM
sec-Butylbenzene	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
Styrene	ND 1.1	6.1	µg/Kg 1 4/22/2009 07:58 PM
tert-Butylbenzene	ND 0.74	6.1	µg/Kg 1 4/22/2009 07:58 PM
Tetrachloroethene	ND 1.3	6.1	µg/Kg 1 4/22/2009 07:58 PM
Toluene	ND 1.0	6.1	µg/Kg 1 4/22/2009 07:58 PM
trans-1,2-Dichloroethene	ND 1.2	6.1	µg/Kg 1 4/22/2009 07:58 PM
Trichloroethene	ND 2.4	6.1	µg/Kg 1 4/22/2009 07:58 PM
Trichlorofluoromethane	ND 1.4	6.1	µg/Kg 1 4/22/2009 07:58 PM
Vinyl chloride	ND 0.72	6.1	µg/Kg 1 4/22/2009 07:58 PM
Surr: 1,2-Dichloroethane-d4	118 0	68-147	%REC 1 4/22/2009 07:58 PM
Surr: 4-Bromofluorobenzene	104 0	67-127	%REC 1 4/22/2009 07:58 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/22/2009 07:58 PM
Surr: Toluene-d8	113 0	75-120	%REC 1 4/22/2009 07:58 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-018E

Client Sample ID: 1001-106-20-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.18	1.2	mg/Kg	1	4/22/2009 07:29 PM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/22/2009 07:29 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.24	1.2	mg/Kg	1	4/22/2009 07:29 PM
Surr: Bromofluorobenzene (FID)	112 0	59-145	%REC	1	4/22/2009 07:29 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
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Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:18 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Barium	160	0.13	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Chromium	22	0.088	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Cobalt	8.9	0.014	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Copper	24	0.26	2.0	mg/Kg	1	4/27/2009 05:18 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Nickel	15	0.032	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Vanadium	58	0.019	1.0	mg/Kg	1	4/27/2009 05:18 PM	
Zinc	53	0.19	1.0	mg/Kg	1	4/27/2009 05:18 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/27/2009 11:04 AM	
Surr: p-Terphenyl	121	0	57-144	%REC	1	4/27/2009 11:04 AM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423D	QC Batch:	54921	PrepDate:	4/22/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/27/2009 11:04 AM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/27/2009 11:04 AM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/27/2009 11:04 AM	
Surr: p-Terphenyl	121	0	57-144	%REC	1	4/27/2009 11:04 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019A

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423A	QC Batch: 54966			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 12:42 AM
Surr: Decachlorobiphenyl	69.6	0	30-124	%REC	1	4/24/2009 12:42 AM
Surr: Tetrachloro-m-xylene	90.2	0	40-118	%REC	1	4/24/2009 12:42 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090423C	QC Batch: 54934	PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/23/2009 01:05 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 11:39 AM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 11:39 AM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 11:39 AM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 11:39 AM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 11:39 AM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 11:39 AM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 11:39 AM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 11:39 AM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 11:39 AM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 11:39 AM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 11:39 AM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 11:39 AM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 11:39 AM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 11:39 AM
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 11:39 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019A

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 11:39 AM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 11:39 AM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 11:39 AM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 11:39 AM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 11:39 AM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 11:39 AM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 11:39 AM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 11:39 AM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 11:39 AM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 11:39 AM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 11:39 AM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 11:39 AM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 11:39 AM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 11:39 AM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 11:39 AM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 11:39 AM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 11:39 AM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 11:39 AM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 11:39 AM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 11:39 AM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 11:39 AM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 11:39 AM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 11:39 AM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 11:39 AM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 11:39 AM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 11:39 AM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 11:39 AM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 11:39 AM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 11:39 AM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 11:39 AM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 11:39 AM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 11:39 AM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 11:39 AM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 11:39 AM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 11:39 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019A

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 11:39 AM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 11:39 AM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 11:39 AM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 11:39 AM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 11:39 AM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 11:39 AM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 11:39 AM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 11:39 AM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 11:39 AM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 11:39 AM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 11:39 AM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 11:39 AM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 11:39 AM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 11:39 AM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 11:39 AM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 11:39 AM
Surr: 1,2-Dichlorobenzene-d4	82.0	0	49-103	%REC	1	4/28/2009 11:39 AM
Surr: 2,4,6-Tribromophenol	86.0	0	47-129	%REC	1	4/28/2009 11:39 AM
Surr: 2-Chlorophenol-d4	86.4	0	54-109	%REC	1	4/28/2009 11:39 AM
Surr: 2-Fluorobiphenyl	90.7	0	59-108	%REC	1	4/28/2009 11:39 AM
Surr: 2-Fluorophenol	87.2	0	50-111	%REC	1	4/28/2009 11:39 AM
Surr: 4-Terphenyl-d14	105	0	58-135	%REC	1	4/28/2009 11:39 AM
Surr: Nitrobenzene-d5	90.6	0	54-115	%REC	1	4/28/2009 11:39 AM
Surr: Phenol-d5	90.2	0	58-112	%REC	1	4/28/2009 11:39 AM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	7.3	0.10	0.10	pH Units	1	4/23/2009

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019B

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.0	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1,1-Trichloroethane	ND 0.74	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1,2,2-Tetrachloroethane	ND 1.8	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1,2-Trichloroethane	ND 1.9	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1-Dichloroethane	ND 0.58	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1-Dichloroethene	ND 1.5	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,1-Dichloropropene	ND 1.8	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2,3-Trichlorobenzene	ND 1.2	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2,3-Trichloropropane	ND 0.86	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2,4-Trichlorobenzene	ND 1.5	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2,4-Trimethylbenzene	ND 0.99	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2-Dibromo-3-chloropropane	ND 2.2	12	µg/Kg 1 4/22/2009 08:18 PM
1,2-Dibromoethane	ND 1.7	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2-Dichlorobenzene	ND 0.96	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2-Dichloroethane	ND 1.3	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,2-Dichloropropane	ND 1.8	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,3,5-Trimethylbenzene	ND 1.2	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,3-Dichlorobenzene	ND 1.2	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,3-Dichloropropane	ND 1.2	5.8	µg/Kg 1 4/22/2009 08:18 PM
1,4-Dichlorobenzene	ND 1.4	5.8	µg/Kg 1 4/22/2009 08:18 PM
2,2-Dichloropropane	ND 1.0	5.8	µg/Kg 1 4/22/2009 08:18 PM
2-Chlorotoluene	ND 0.76	5.8	µg/Kg 1 4/22/2009 08:18 PM
4-Chlorotoluene	ND 0.78	5.8	µg/Kg 1 4/22/2009 08:18 PM
4-Isopropyltoluene	ND 0.66	5.8	µg/Kg 1 4/22/2009 08:18 PM
Benzene	ND 0.95	5.8	µg/Kg 1 4/22/2009 08:18 PM
Bromobenzene	ND 1.8	5.8	µg/Kg 1 4/22/2009 08:18 PM
Bromodichloromethane	ND 0.98	5.8	µg/Kg 1 4/22/2009 08:18 PM
Bromoform	ND 1.4	5.8	µg/Kg 1 4/22/2009 08:18 PM
Bromomethane	ND 1.0	5.8	µg/Kg 1 4/22/2009 08:18 PM
Carbon tetrachloride	ND 1.5	5.8	µg/Kg 1 4/22/2009 08:18 PM
Chlorobenzene	ND 1.0	5.8	µg/Kg 1 4/22/2009 08:18 PM
Chloroethane	ND 1.5	5.8	µg/Kg 1 4/22/2009 08:18 PM
Chloroform	ND 0.71	5.8	µg/Kg 1 4/22/2009 08:18 PM
Chloromethane	ND 0.94	5.8	µg/Kg 1 4/22/2009 08:18 PM
cis-1,2-Dichloroethene	ND 1.4	5.8	µg/Kg 1 4/22/2009 08:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019B

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.5	5.8	µg/Kg	1	4/22/2009 08:18 PM
Dibromochloromethane	ND	0.78	5.8	µg/Kg	1	4/22/2009 08:18 PM
Dibromomethane	ND	1.9	5.8	µg/Kg	1	4/22/2009 08:18 PM
Dichlorodifluoromethane	ND	0.69	5.8	µg/Kg	1	4/22/2009 08:18 PM
Ethylbenzene	ND	1.0	5.8	µg/Kg	1	4/22/2009 08:18 PM
Hexachlorobutadiene	ND	3.9	5.8	µg/Kg	1	4/22/2009 08:18 PM
Isopropylbenzene	ND	1.4	5.8	µg/Kg	1	4/22/2009 08:18 PM
m,p-Xylene	ND	1.9	12	µg/Kg	1	4/22/2009 08:18 PM
Methylene chloride	ND	5.8	5.8	µg/Kg	1	4/22/2009 08:18 PM
n-Butylbenzene	ND	1.2	5.8	µg/Kg	1	4/22/2009 08:18 PM
n-Propylbenzene	ND	1.0	5.8	µg/Kg	1	4/22/2009 08:18 PM
Naphthalene	ND	1.9	5.8	µg/Kg	1	4/22/2009 08:18 PM
o-Xylene	ND	1.2	5.8	µg/Kg	1	4/22/2009 08:18 PM
sec-Butylbenzene	ND	0.98	5.8	µg/Kg	1	4/22/2009 08:18 PM
Styrene	ND	1.0	5.8	µg/Kg	1	4/22/2009 08:18 PM
tert-Butylbenzene	ND	0.70	5.8	µg/Kg	1	4/22/2009 08:18 PM
Tetrachloroethene	ND	1.2	5.8	µg/Kg	1	4/22/2009 08:18 PM
Toluene	ND	0.96	5.8	µg/Kg	1	4/22/2009 08:18 PM
trans-1,2-Dichloroethene	ND	1.1	5.8	µg/Kg	1	4/22/2009 08:18 PM
Trichloroethene	ND	2.3	5.8	µg/Kg	1	4/22/2009 08:18 PM
Trichlorofluoromethane	ND	1.3	5.8	µg/Kg	1	4/22/2009 08:18 PM
Vinyl chloride	ND	0.68	5.8	µg/Kg	1	4/22/2009 08:18 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/22/2009 08:18 PM
Surr: 4-Bromofluorobenzene	102	0	67-127	%REC	1	4/22/2009 08:18 PM
Surr: Dibromofluoromethane	115	0	72-141	%REC	1	4/22/2009 08:18 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/22/2009 08:18 PM

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H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-019E

Client Sample ID: 1001-106-20D-S
Collection Date: 4/21/2009 10:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.12	0.84	mg/Kg 1 4/22/2009 07:45 PM
Surr: Bromofluorobenzene (FID)	119 0	59-145	%REC 1 4/22/2009 07:45 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422B	QC Batch: E09VS108	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.16	0.84	mg/Kg 1 4/22/2009 07:45 PM
Surr: Bromofluorobenzene (FID)	119 0	59-145	%REC 1 4/22/2009 07:45 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020A

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_090427H	QC Batch:	54945	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 05:21 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Barium	200	0.13	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Chromium	54	0.088	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Cobalt	14	0.014	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Copper	30	0.26	2.0	mg/Kg	1	4/27/2009 05:21 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Molybdenum	13	0.043	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Nickel	22	0.032	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Vanadium	64	0.019	1.0	mg/Kg	1	4/27/2009 05:21 PM	
Zinc	62	0.19	1.0	mg/Kg	1	4/27/2009 05:21 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090427B	QC Batch:	55024	PrepDate:	4/27/2009	Analyst:	CBB
Chromium, Hexavalent	0.12	0.074	0.10	mg/Kg	1	4/27/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
DRO	12	10	10	mg/Kg	1	4/23/2009 07:28 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/23/2009 07:28 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 07:28 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 07:28 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 07:28 PM	
Surr: p-Terphenyl	101	0	57-144	%REC	1	4/23/2009 07:28 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020A

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC5_090423A	QC Batch: 54966			PrepDate: 4/23/2009		Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 01:12 AM
Surr: Decachlorobiphenyl	38.6	0	30-124	%REC	1	4/24/2009 01:12 AM
Surr: Tetrachloro-m-xylene	51.7	0	40-118	%REC	1	4/24/2009 01:12 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A			
RunID: AA5_090423C	QC Batch: 54934	PrepDate: 4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg 1 4/23/2009 12:41 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090428A	QC Batch: 54950			PrepDate: 4/23/2009		Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 12:36 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 12:36 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 12:36 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 12:36 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 12:36 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 12:36 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 12:36 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 12:36 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 12:36 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 12:36 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 12:36 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 12:36 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 12:36 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 12:36 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 12:36 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020A

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 12:36 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 12:36 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 12:36 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 12:36 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 12:36 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 12:36 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 12:36 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 12:36 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 12:36 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 12:36 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 12:36 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 12:36 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 12:36 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 12:36 PM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 12:36 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 12:36 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 12:36 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 12:36 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 12:36 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 12:36 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 12:36 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 12:36 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 12:36 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 12:36 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 12:36 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 12:36 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 12:36 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 12:36 PM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 12:36 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 12:36 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 12:36 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 12:36 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 12:36 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 12:36 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 12:36 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020A

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 12:36 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 12:36 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 12:36 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 12:36 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 12:36 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 12:36 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 12:36 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 12:36 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 12:36 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 12:36 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 12:36 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 12:36 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 12:36 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 12:36 PM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 12:36 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 12:36 PM
Surr: 1,2-Dichlorobenzene-d4	75.2	0	49-103	%REC	1	4/28/2009 12:36 PM
Surr: 2,4,6-Tribromophenol	60.8	0	47-129	%REC	1	4/28/2009 12:36 PM
Surr: 2-Chlorophenol-d4	77.9	0	54-109	%REC	1	4/28/2009 12:36 PM
Surr: 2-Fluorobiphenyl	85.6	0	59-108	%REC	1	4/28/2009 12:36 PM
Surr: 2-Fluorophenol	79.5	0	50-111	%REC	1	4/28/2009 12:36 PM
Surr: 4-Terphenyl-d14	102	0	58-135	%REC	1	4/28/2009 12:36 PM
Surr: Nitrobenzene-d5	85.0	0	54-115	%REC	1	4/28/2009 12:36 PM
Surr: Phenol-d5	82.2	0	58-112	%REC	1	4/28/2009 12:36 PM

PH

EPA 9045C

RunID: WETCHEM_090423B	QC Batch: R108436	PrepDate:	Analyst: DDL			
pH	9.1	0.10	0.10	pH Units	1	4/23/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020B

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.7	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1,1-Trichloroethane	ND 0.63	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1,2-Trichloroethane	ND 1.6	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1-Dichloroethane	ND 0.49	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,1-Dichloropropene	ND 1.5	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2,3-Trichlorobenzene	ND 1.0	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2,3-Trichloropropane	ND 0.73	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2,4-Trichlorobenzene	ND 1.3	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2,4-Trimethylbenzene	ND 0.84	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2-Dibromo-3-chloropropane	ND 1.9	9.7	µg/Kg 1 4/22/2009 08:37 PM
1,2-Dibromoethane	ND 1.4	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2-Dichlorobenzene	ND 0.81	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2-Dichloroethane	ND 1.1	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,2-Dichloropropane	ND 1.5	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,3,5-Trimethylbenzene	ND 0.98	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,3-Dichlorobenzene	ND 0.98	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,3-Dichloropropane	ND 1.0	4.9	µg/Kg 1 4/22/2009 08:37 PM
1,4-Dichlorobenzene	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM
2,2-Dichloropropane	ND 0.85	4.9	µg/Kg 1 4/22/2009 08:37 PM
2-Chlorotoluene	ND 0.64	4.9	µg/Kg 1 4/22/2009 08:37 PM
4-Chlorotoluene	ND 0.66	4.9	µg/Kg 1 4/22/2009 08:37 PM
4-Isopropyltoluene	ND 0.56	4.9	µg/Kg 1 4/22/2009 08:37 PM
Benzene	ND 0.80	4.9	µg/Kg 1 4/22/2009 08:37 PM
Bromobenzene	ND 1.5	4.9	µg/Kg 1 4/22/2009 08:37 PM
Bromodichloromethane	ND 0.83	4.9	µg/Kg 1 4/22/2009 08:37 PM
Bromoform	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM
Bromomethane	ND 0.85	4.9	µg/Kg 1 4/22/2009 08:37 PM
Carbon tetrachloride	ND 1.3	4.9	µg/Kg 1 4/22/2009 08:37 PM
Chlorobenzene	ND 0.87	4.9	µg/Kg 1 4/22/2009 08:37 PM
Chloroethane	ND 1.3	4.9	µg/Kg 1 4/22/2009 08:37 PM
Chloroform	ND 0.60	4.9	µg/Kg 1 4/22/2009 08:37 PM
Chloromethane	ND 0.80	4.9	µg/Kg 1 4/22/2009 08:37 PM
cis-1,2-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020B

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090422B	QC Batch: T09VS105	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM
Dibromochloromethane	ND 0.66	4.9	µg/Kg 1 4/22/2009 08:37 PM
Dibromomethane	ND 1.6	4.9	µg/Kg 1 4/22/2009 08:37 PM
Dichlorodifluoromethane	ND 0.59	4.9	µg/Kg 1 4/22/2009 08:37 PM
Ethylbenzene	ND 0.89	4.9	µg/Kg 1 4/22/2009 08:37 PM
Hexachlorobutadiene	ND 3.3	4.9	µg/Kg 1 4/22/2009 08:37 PM
Isopropylbenzene	ND 1.2	4.9	µg/Kg 1 4/22/2009 08:37 PM
m,p-Xylene	ND 1.6	9.7	µg/Kg 1 4/22/2009 08:37 PM
Methylene chloride	ND 4.9	4.9	µg/Kg 1 4/22/2009 08:37 PM
n-Butylbenzene	ND 1.0	4.9	µg/Kg 1 4/22/2009 08:37 PM
n-Propylbenzene	ND 0.88	4.9	µg/Kg 1 4/22/2009 08:37 PM
Naphthalene	ND 1.6	4.9	µg/Kg 1 4/22/2009 08:37 PM
o-Xylene	ND 1.0	4.9	µg/Kg 1 4/22/2009 08:37 PM
sec-Butylbenzene	ND 0.83	4.9	µg/Kg 1 4/22/2009 08:37 PM
Styrene	ND 0.87	4.9	µg/Kg 1 4/22/2009 08:37 PM
tert-Butylbenzene	ND 0.59	4.9	µg/Kg 1 4/22/2009 08:37 PM
Tetrachloroethene	ND 1.0	4.9	µg/Kg 1 4/22/2009 08:37 PM
Toluene	ND 0.81	4.9	µg/Kg 1 4/22/2009 08:37 PM
trans-1,2-Dichloroethene	ND 0.97	4.9	µg/Kg 1 4/22/2009 08:37 PM
Trichloroethene	ND 1.9	4.9	µg/Kg 1 4/22/2009 08:37 PM
Trichlorofluoromethane	ND 1.1	4.9	µg/Kg 1 4/22/2009 08:37 PM
Vinyl chloride	ND 0.57	4.9	µg/Kg 1 4/22/2009 08:37 PM
Surr: 1,2-Dichloroethane-d4	113 0	68-147	%REC 1 4/22/2009 08:37 PM
Surr: 4-Bromofluorobenzene	105 0	67-127	%REC 1 4/22/2009 08:37 PM
Surr: Dibromofluoromethane	114 0	72-141	%REC 1 4/22/2009 08:37 PM
Surr: Toluene-d8	118 0	75-120	%REC 1 4/22/2009 08:37 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-020E

Client Sample ID: 1001-107-2-S
Collection Date: 4/21/2009 10:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.19	1.2	mg/Kg	1	4/22/2009 10:35 PM
Surr: Bromofluorobenzene (FID)	108 0	59-145	%REC	1	4/22/2009 10:35 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.24	1.2	mg/Kg	1	4/22/2009 10:35 PM
Surr: Bromofluorobenzene (FID)	108 0	59-145	%REC	1	4/22/2009 10:35 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021A

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_0904271	QC Batch:	54946	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 06:40 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Barium	220	0.13	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Chromium	35	0.088	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Cobalt	13	0.014	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Copper	33	0.26	2.0	mg/Kg	1	4/27/2009 06:40 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Nickel	25	0.032	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Vanadium	75	0.019	1.0	mg/Kg	1	4/27/2009 06:40 PM	
Zinc	71	0.19	1.0	mg/Kg	1	4/27/2009 06:40 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090428A	QC Batch:	55025	PrepDate:	4/27/2009	Analyst:	MFP
Chromium, Hexavalent	0.10	0.074	0.10	mg/Kg	1	4/28/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 07:38 PM	
Surr: p-Terphenyl	95.6	0	57-144	%REC	1	4/23/2009 07:38 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 07:38 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 07:38 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 07:38 PM	
Surr: p-Terphenyl	95.6	0	57-144	%REC	1	4/23/2009 07:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
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DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021A

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423B	QC Batch: 54967			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 12:54 AM
Surr: Decachlorobiphenyl	95.6	0	30-124	%REC	1	4/24/2009 12:54 AM
Surr: Tetrachloro-m-xylene	114	0	40-118	%REC	1	4/24/2009 12:54 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090423D	QC Batch: 54935	PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/23/2009 01:29 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS 13_090424A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/27/2009 09:48 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/27/2009 09:48 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/27/2009 09:48 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/27/2009 09:48 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/27/2009 09:48 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/27/2009 09:48 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/27/2009 09:48 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/27/2009 09:48 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/27/2009 09:48 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/27/2009 09:48 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/27/2009 09:48 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/27/2009 09:48 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/27/2009 09:48 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/27/2009 09:48 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/27/2009 09:48 PM

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021A

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090424A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP
2-Nitroaniline	ND 79	1600	µg/Kg 1 4/27/2009 09:48 PM
2-Nitrophenol	ND 70	330	µg/Kg 1 4/27/2009 09:48 PM
3,3'-Dichlorobenzidine	ND 78	660	µg/Kg 1 4/27/2009 09:48 PM
3-Nitroaniline	ND 60	1600	µg/Kg 1 4/27/2009 09:48 PM
4,6-Dinitro-2-methylphenol	ND 63	1600	µg/Kg 1 4/27/2009 09:48 PM
4-Bromophenyl-phenylether	ND 73	330	µg/Kg 1 4/27/2009 09:48 PM
4-Chloro-3-methylphenol	ND 75	660	µg/Kg 1 4/27/2009 09:48 PM
4-Chloroaniline	ND 73	660	µg/Kg 1 4/27/2009 09:48 PM
4-Chlorophenyl-phenylether	ND 70	330	µg/Kg 1 4/27/2009 09:48 PM
4-Methylphenol	ND 79	330	µg/Kg 1 4/27/2009 09:48 PM
4-Nitroaniline	ND 60	1600	µg/Kg 1 4/27/2009 09:48 PM
4-Nitrophenol	ND 71	1600	µg/Kg 1 4/27/2009 09:48 PM
Acenaphthene	ND 70	330	µg/Kg 1 4/27/2009 09:48 PM
Acenaphthylene	ND 69	330	µg/Kg 1 4/27/2009 09:48 PM
Anthracene	ND 76	330	µg/Kg 1 4/27/2009 09:48 PM
Benzidine (M)	ND 71	1600	µg/Kg 1 4/27/2009 09:48 PM
Benzo(a)anthracene	ND 69	330	µg/Kg 1 4/27/2009 09:48 PM
Benzo(a)pyrene	ND 82	330	µg/Kg 1 4/27/2009 09:48 PM
Benzo(b)fluoranthene	ND 70	330	µg/Kg 1 4/27/2009 09:48 PM
Benzo(g,h,i)perylene	ND 71	330	µg/Kg 1 4/27/2009 09:48 PM
Benzo(k)fluoranthene	ND 98	330	µg/Kg 1 4/27/2009 09:48 PM
Benzoic acid	ND 64	1600	µg/Kg 1 4/27/2009 09:48 PM
Benzyl alcohol	ND 86	660	µg/Kg 1 4/27/2009 09:48 PM
Bis(2-chloroethoxy)methane	ND 79	330	µg/Kg 1 4/27/2009 09:48 PM
Bis(2-chloroethyl)ether	ND 81	330	µg/Kg 1 4/27/2009 09:48 PM
Bis(2-chloroisopropyl)ether	ND 91	330	µg/Kg 1 4/27/2009 09:48 PM
Bis(2-ethylhexyl)phthalate	ND 72	330	µg/Kg 1 4/27/2009 09:48 PM
Butylbenzylphthalate	ND 72	330	µg/Kg 1 4/27/2009 09:48 PM
Chrysene	ND 79	330	µg/Kg 1 4/27/2009 09:48 PM
Di-n-butylphthalate	ND 78	330	µg/Kg 1 4/27/2009 09:48 PM
Di-n-octylphthalate	ND 71	330	µg/Kg 1 4/27/2009 09:48 PM
Dibenz(a,h)anthracene	ND 83	330	µg/Kg 1 4/27/2009 09:48 PM
Dibenzofuran	ND 68	330	µg/Kg 1 4/27/2009 09:48 PM
Diethylphthalate	ND 74	330	µg/Kg 1 4/27/2009 09:48 PM
Dimethylphthalate	ND 69	330	µg/Kg 1 4/27/2009 09:48 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021A

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS 13_090424A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/27/2009 09:48 PM
Fluorene	ND	69	330	µg/Kg	1	4/27/2009 09:48 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/27/2009 09:48 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/27/2009 09:48 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/27/2009 09:48 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/27/2009 09:48 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/27/2009 09:48 PM
Isophorone	ND	85	330	µg/Kg	1	4/27/2009 09:48 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/27/2009 09:48 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/27/2009 09:48 PM
Naphthalene	ND	86	330	µg/Kg	1	4/27/2009 09:48 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/27/2009 09:48 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/27/2009 09:48 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/27/2009 09:48 PM
Phenol	ND	95	330	µg/Kg	1	4/27/2009 09:48 PM
Pyrene	ND	77	330	µg/Kg	1	4/27/2009 09:48 PM
Surr: 1,2-Dichlorobenzene-d4	74.6	0	49-103	%REC	1	4/27/2009 09:48 PM
Surr: 2,4,6-Tribromophenol	74.0	0	47-129	%REC	1	4/27/2009 09:48 PM
Surr: 2-Chlorophenol-d4	76.8	0	54-109	%REC	1	4/27/2009 09:48 PM
Surr: 2-Fluorobiphenyl	88.4	0	59-108	%REC	1	4/27/2009 09:48 PM
Surr: 2-Fluorophenol	75.4	0	50-111	%REC	1	4/27/2009 09:48 PM
Surr: 4-Terphenyl-d14	134	0	58-135	%REC	1	4/27/2009 09:48 PM
Surr: Nitrobenzene-d5	82.2	0	54-115	%REC	1	4/27/2009 09:48 PM
Surr: Phenol-d5	80.7	0	58-112	%REC	1	4/27/2009 09:48 PM

PH

EPA 9045C

RunID: WETCHEM_090423C	QC Batch: R108437	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021B

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422B	QC Batch:	K09VS062	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1,1-Trichloroethane	ND	0.59	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1-Dichloroethane	ND	0.46	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2,3-Trichlorobenzene	ND	0.95	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2,3-Trichloropropane	ND	0.69	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2,4-Trimethylbenzene	ND	0.79	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.2	µg/Kg	1	4/22/2009 05:20 PM	
1,2-Dibromoethane	ND	1.3	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2-Dichlorobenzene	ND	0.76	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,2-Dichloropropane	ND	1.4	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,3,5-Trimethylbenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,3-Dichlorobenzene	ND	0.92	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,3-Dichloropropane	ND	0.97	4.6	µg/Kg	1	4/22/2009 05:20 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/22/2009 05:20 PM	
2,2-Dichloropropane	ND	0.80	4.6	µg/Kg	1	4/22/2009 05:20 PM	
2-Chlorotoluene	ND	0.60	4.6	µg/Kg	1	4/22/2009 05:20 PM	
4-Chlorotoluene	ND	0.62	4.6	µg/Kg	1	4/22/2009 05:20 PM	
4-Isopropyltoluene	ND	0.52	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Benzene	ND	0.75	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Bromodichloromethane	ND	0.78	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Bromomethane	ND	0.80	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Chlorobenzene	ND	0.82	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Chloroform	ND	0.57	4.6	µg/Kg	1	4/22/2009 05:20 PM	
Chloromethane	ND	0.75	4.6	µg/Kg	1	4/22/2009 05:20 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/22/2009 05:20 PM	

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021B

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422B	QC Batch: K09VS062	PrepDate: 4/22/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.6	µg/Kg 1 4/22/2009 05:20 PM
Dibromochloromethane	ND 0.62	4.6	µg/Kg 1 4/22/2009 05:20 PM
Dibromomethane	ND 1.5	4.6	µg/Kg 1 4/22/2009 05:20 PM
Dichlorodifluoromethane	ND 0.55	4.6	µg/Kg 1 4/22/2009 05:20 PM
Ethylbenzene	ND 0.83	4.6	µg/Kg 1 4/22/2009 05:20 PM
Hexachlorobutadiene	ND 3.1	4.6	µg/Kg 1 4/22/2009 05:20 PM
Isopropylbenzene	ND 1.1	4.6	µg/Kg 1 4/22/2009 05:20 PM
m,p-Xylene	ND 1.5	9.2	µg/Kg 1 4/22/2009 05:20 PM
Methylene chloride	ND 4.6	4.6	µg/Kg 1 4/22/2009 05:20 PM
n-Butylbenzene	ND 0.96	4.6	µg/Kg 1 4/22/2009 05:20 PM
n-Propylbenzene	ND 0.83	4.6	µg/Kg 1 4/22/2009 05:20 PM
Naphthalene	ND 1.5	4.6	µg/Kg 1 4/22/2009 05:20 PM
o-Xylene	ND 0.94	4.6	µg/Kg 1 4/22/2009 05:20 PM
sec-Butylbenzene	ND 0.78	4.6	µg/Kg 1 4/22/2009 05:20 PM
Styrene	ND 0.82	4.6	µg/Kg 1 4/22/2009 05:20 PM
tert-Butylbenzene	ND 0.56	4.6	µg/Kg 1 4/22/2009 05:20 PM
Tetrachloroethene	ND 0.97	4.6	µg/Kg 1 4/22/2009 05:20 PM
Toluene	ND 0.76	4.6	µg/Kg 1 4/22/2009 05:20 PM
trans-1,2-Dichloroethene	ND 0.91	4.6	µg/Kg 1 4/22/2009 05:20 PM
Trichloroethene	ND 1.8	4.6	µg/Kg 1 4/22/2009 05:20 PM
Trichlorofluoromethane	ND 1.1	4.6	µg/Kg 1 4/22/2009 05:20 PM
Vinyl chloride	ND 0.54	4.6	µg/Kg 1 4/22/2009 05:20 PM
Surr: 1,2-Dichloroethane-d4	116 0	68-147	%REC 1 4/22/2009 05:20 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/22/2009 05:20 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/22/2009 05:20 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/22/2009 05:20 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-021E

Client Sample ID: 1001-107-5-S
Collection Date: 4/21/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.15	0.98	mg/Kg 1 4/22/2009 10:51 PM
Surr: Bromofluorobenzene (FID)	105 0	59-145	%REC 1 4/22/2009 10:51 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.19	0.98	mg/Kg 1 4/22/2009 10:51 PM
Surr: Bromofluorobenzene (FID)	105 0	59-145	%REC 1 4/22/2009 10:51 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-022A

Client Sample ID: 1001-107-10-S
Collection Date: 4/21/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_0904271	QC Batch:	54946	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 06:44 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Barium	160	0.13	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Chromium	22	0.088	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Cobalt	9.0	0.014	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Copper	25	0.26	2.0	mg/Kg	1	4/27/2009 06:44 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Nickel	17	0.032	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Vanadium	53	0.019	1.0	mg/Kg	1	4/27/2009 06:44 PM	
Zinc	51	0.19	1.0	mg/Kg	1	4/27/2009 06:44 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090428A	QC Batch:	55025	PrepDate:	4/27/2009	Analyst:	MFP
Chromium, Hexavalent	ND	0.074	0.10	mg/Kg	1	4/28/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 07:47 PM	
Surr: p-Terphenyl	86.0	0	57-144	%REC	1	4/23/2009 07:47 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 07:47 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 07:47 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 07:47 PM	
Surr: p-Terphenyl	86.0	0	57-144	%REC	1	4/23/2009 07:47 PM	

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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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PCBS BY GC/ECD

EPA 3550B		EPA 8082					
RunID: GC4_090423B	QC Batch: 54967			PrepDate:	4/23/2009	Analyst: BB	
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 01:24 AM	
Surr: Decachlorobiphenyl	91.9	0	30-124	%REC	1	4/24/2009 01:24 AM	
Surr: Tetrachloro-m-xylene	106	0	40-118	%REC	1	4/24/2009 01:24 AM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090423D	QC Batch: 54935	PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/23/2009 01:31 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C					
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP	
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 01:05 PM	
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 01:05 PM	
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 01:05 PM	
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 01:05 PM	
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 01:05 PM	
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 01:05 PM	
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 01:05 PM	
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 01:05 PM	
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 01:05 PM	
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 01:05 PM	
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 01:05 PM	
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 01:05 PM	
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 01:05 PM	
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 01:05 PM	
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 01:05 PM	

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Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 01:05 PM
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 01:05 PM
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 01:05 PM
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 01:05 PM
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 01:05 PM
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 01:05 PM
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 01:05 PM
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 01:05 PM
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 01:05 PM
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 01:05 PM
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 01:05 PM
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 01:05 PM
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 01:05 PM
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 01:05 PM
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 01:05 PM
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 01:05 PM
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 01:05 PM
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 01:05 PM
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 01:05 PM
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 01:05 PM
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 01:05 PM
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 01:05 PM
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 01:05 PM
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 01:05 PM
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 01:05 PM
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 01:05 PM
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 01:05 PM
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 01:05 PM
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 01:05 PM
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 01:05 PM
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 01:05 PM
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 01:05 PM
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 01:05 PM
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 01:05 PM
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 01:05 PM

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ANALYTICAL RESULTS

Print Date: 01-May-09

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Lab Order: 105148
Project: 207126015
Lab ID: 105148-022A

Client Sample ID: 1001-107-10-S
Collection Date: 4/21/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 01:05 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 01:05 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 01:05 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 01:05 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 01:05 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 01:05 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 01:05 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 01:05 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 01:05 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 01:05 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 01:05 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 01:05 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 01:05 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 01:05 PM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 01:05 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 01:05 PM
Surr: 1,2-Dichlorobenzene-d4	80.2	0	49-103	%REC	1	4/28/2009 01:05 PM
Surr: 2,4,6-Tribromophenol	83.9	0	47-129	%REC	1	4/28/2009 01:05 PM
Surr: 2-Chlorophenol-d4	85.7	0	54-109	%REC	1	4/28/2009 01:05 PM
Surr: 2-Fluorobiphenyl	89.6	0	59-108	%REC	1	4/28/2009 01:05 PM
Surr: 2-Fluorophenol	89.3	0	50-111	%REC	1	4/28/2009 01:05 PM
Surr: 4-Terphenyl-d14	113	0	58-135	%REC	1	4/28/2009 01:05 PM
Surr: Nitrobenzene-d5	90.1	0	54-115	%REC	1	4/28/2009 01:05 PM
Surr: Phenol-d5	88.9	0	58-112	%REC	1	4/28/2009 01:05 PM

PH

EPA 9045C

RunID: WETCHEM_090423C	QC Batch: R108437	PrepDate:	Analyst: DDL			
pH	8.3	0.10	0.10	pH Units	1	4/23/2009

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-022B

Client Sample ID: 1001-107-10-S
Collection Date: 4/21/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090422B	QC Batch:	K09VS062	PrepDate:	4/22/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.7	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1,1-Trichloroethane	ND	0.63	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1,2-Trichloroethane	ND	1.6	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1-Dichloroethane	ND	0.49	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1-Dichloroethene	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,1-Dichloropropene	ND	1.5	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2,3-Trichlorobenzene	ND	1.0	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2,3-Trichloropropane	ND	0.73	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2,4-Trichlorobenzene	ND	1.3	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2,4-Trimethylbenzene	ND	0.84	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2-Dibromo-3-chloropropane	ND	1.9	9.8	µg/Kg	1	4/22/2009 05:36 PM	
1,2-Dibromoethane	ND	1.4	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2-Dichlorobenzene	ND	0.81	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2-Dichloroethane	ND	1.1	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,2-Dichloropropane	ND	1.5	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,3,5-Trimethylbenzene	ND	0.98	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,3-Dichlorobenzene	ND	0.99	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,3-Dichloropropane	ND	1.0	4.9	µg/Kg	1	4/22/2009 05:36 PM	
1,4-Dichlorobenzene	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM	
2,2-Dichloropropane	ND	0.85	4.9	µg/Kg	1	4/22/2009 05:36 PM	
2-Chlorotoluene	ND	0.64	4.9	µg/Kg	1	4/22/2009 05:36 PM	
4-Chlorotoluene	ND	0.66	4.9	µg/Kg	1	4/22/2009 05:36 PM	
4-Isopropyltoluene	ND	0.56	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Benzene	ND	0.80	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Bromobenzene	ND	1.5	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Bromodichloromethane	ND	0.84	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Bromoform	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Bromomethane	ND	0.86	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Carbon tetrachloride	ND	1.3	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Chlorobenzene	ND	0.88	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Chloroethane	ND	1.3	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Chloroform	ND	0.61	4.9	µg/Kg	1	4/22/2009 05:36 PM	
Chloromethane	ND	0.80	4.9	µg/Kg	1	4/22/2009 05:36 PM	
cis-1,2-Dichloroethene	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM	

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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090422B	QC Batch: K09VS062	PrepDate: 4/22/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM
Dibromochloromethane	ND	0.67	4.9	µg/Kg	1	4/22/2009 05:36 PM
Dibromomethane	ND	1.7	4.9	µg/Kg	1	4/22/2009 05:36 PM
Dichlorodifluoromethane	ND	0.59	4.9	µg/Kg	1	4/22/2009 05:36 PM
Ethylbenzene	ND	0.89	4.9	µg/Kg	1	4/22/2009 05:36 PM
Hexachlorobutadiene	ND	3.3	4.9	µg/Kg	1	4/22/2009 05:36 PM
Isopropylbenzene	ND	1.2	4.9	µg/Kg	1	4/22/2009 05:36 PM
m,p-Xylene	ND	1.6	9.8	µg/Kg	1	4/22/2009 05:36 PM
Methylene chloride	ND	4.9	4.9	µg/Kg	1	4/22/2009 05:36 PM
n-Butylbenzene	ND	1.0	4.9	µg/Kg	1	4/22/2009 05:36 PM
n-Propylbenzene	ND	0.88	4.9	µg/Kg	1	4/22/2009 05:36 PM
Naphthalene	ND	1.6	4.9	µg/Kg	1	4/22/2009 05:36 PM
o-Xylene	ND	1.0	4.9	µg/Kg	1	4/22/2009 05:36 PM
sec-Butylbenzene	ND	0.83	4.9	µg/Kg	1	4/22/2009 05:36 PM
Styrene	ND	0.88	4.9	µg/Kg	1	4/22/2009 05:36 PM
tert-Butylbenzene	ND	0.60	4.9	µg/Kg	1	4/22/2009 05:36 PM
Tetrachloroethene	ND	1.0	4.9	µg/Kg	1	4/22/2009 05:36 PM
Toluene	ND	0.81	4.9	µg/Kg	1	4/22/2009 05:36 PM
trans-1,2-Dichloroethene	ND	0.97	4.9	µg/Kg	1	4/22/2009 05:36 PM
Trichloroethene	ND	1.9	4.9	µg/Kg	1	4/22/2009 05:36 PM
Trichlorofluoromethane	ND	1.1	4.9	µg/Kg	1	4/22/2009 05:36 PM
Vinyl chloride	ND	0.58	4.9	µg/Kg	1	4/22/2009 05:36 PM
Surr: 1,2-Dichloroethane-d4	117	0	68-147	%REC	1	4/22/2009 05:36 PM
Surr: 4-Bromofluorobenzene	106	0	67-127	%REC	1	4/22/2009 05:36 PM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/22/2009 05:36 PM
Surr: Toluene-d8	102	0	75-120	%REC	1	4/22/2009 05:36 PM

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DO Surrogate Diluted Out
E Value above quantitation range
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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-022E

Client Sample ID: 1001-107-10-S
Collection Date: 4/21/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN
GRO	ND 0.14	0.93	mg/Kg 1 4/22/2009 11:22 PM
Surr: Bromofluorobenzene (FID)	111 0	59-145	%REC 1 4/22/2009 11:22 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.93	mg/Kg 1 4/22/2009 11:22 PM
Surr: Bromofluorobenzene (FID)	111 0	59-145	%REC 1 4/22/2009 11:22 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_0904271	QC Batch:	54946	PrepDate:	4/23/2009	Analyst:	CL
Antimony	ND	0.28	2.0	mg/Kg	1	4/27/2009 06:47 PM	
Arsenic	ND	0.27	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Barium	140	0.13	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Beryllium	ND	0.055	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Cadmium	ND	0.0064	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Chromium	19	0.088	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Cobalt	8.3	0.014	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Copper	21	0.26	2.0	mg/Kg	1	4/27/2009 06:47 PM	
Lead	ND	0.11	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Molybdenum	ND	0.043	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Nickel	13	0.032	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Selenium	ND	0.43	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Silver	ND	0.017	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Thallium	ND	0.23	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Vanadium	52	0.019	1.0	mg/Kg	1	4/27/2009 06:47 PM	
Zinc	48	0.19	1.0	mg/Kg	1	4/27/2009 06:47 PM	

HEXAVALENT CHROMIUM

EPA 7196A

RunID:	WETCHEM3_090428A	QC Batch:	55025	PrepDate:	4/27/2009	Analyst:	MFP
Chromium, Hexavalent	0.14	0.074	0.10	mg/Kg	1	4/28/2009	

DIESEL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
DRO	ND	10	10	mg/Kg	1	4/23/2009 07:56 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/23/2009 07:56 PM	

HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090423B	QC Batch:	54917	PrepDate:	4/23/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	mg/Kg	1	4/23/2009 07:56 PM	
T/R Hydrocarbons: C23-C32	ND	10	10	mg/Kg	1	4/23/2009 07:56 PM	
T/R Hydrocarbons:>C32	ND	10	10	mg/Kg	1	4/23/2009 07:56 PM	
Surr: p-Terphenyl	102	0	57-144	%REC	1	4/23/2009 07:56 PM	

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PCBS BY GC/ECD

EPA 3550B		EPA 8082				
RunID: GC4_090423B	QC Batch: 54967			PrepDate:	4/23/2009	Analyst: BB
Aroclor 1016	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1221	ND	5.0	33	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1232	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1242	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1248	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1254	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1260	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1262	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Aroclor 1268	ND	5.0	16	µg/Kg	1	4/24/2009 02:23 AM
Surr: Decachlorobiphenyl	91.2	0	30-124	%REC	1	4/24/2009 02:23 AM
Surr: Tetrachloro-m-xylene	108	0	40-118	%REC	1	4/24/2009 02:23 AM

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A				
RunID: AA5_090423D	QC Batch: 54935	PrepDate:	4/23/2009	Analyst: RQ
Mercury	ND 0.021	0.10	mg/Kg	1 4/23/2009 01:19 PM

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B		EPA 8270C				
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND	82	330	µg/Kg	1	4/28/2009 02:32 PM
1,2-Dichlorobenzene	ND	85	330	µg/Kg	1	4/28/2009 02:32 PM
1,3-Dichlorobenzene	ND	74	330	µg/Kg	1	4/28/2009 02:32 PM
1,4-Dichlorobenzene	ND	78	330	µg/Kg	1	4/28/2009 02:32 PM
2,4,5-Trichlorophenol	ND	56	330	µg/Kg	1	4/28/2009 02:32 PM
2,4,6-Trichlorophenol	ND	78	330	µg/Kg	1	4/28/2009 02:32 PM
2,4-Dichlorophenol	ND	87	1600	µg/Kg	1	4/28/2009 02:32 PM
2,4-Dimethylphenol	ND	88	330	µg/Kg	1	4/28/2009 02:32 PM
2,4-Dinitrophenol	ND	45	1600	µg/Kg	1	4/28/2009 02:32 PM
2,4-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 02:32 PM
2,6-Dinitrotoluene	ND	67	330	µg/Kg	1	4/28/2009 02:32 PM
2-Chloronaphthalene	ND	70	330	µg/Kg	1	4/28/2009 02:32 PM
2-Chlorophenol	ND	89	330	µg/Kg	1	4/28/2009 02:32 PM
2-Methylnaphthalene	ND	78	330	µg/Kg	1	4/28/2009 02:32 PM
2-Methylphenol	ND	96	330	µg/Kg	1	4/28/2009 02:32 PM

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS							
	EPA 3550B			EPA 8270C			
RunID: MS6_090428A	QC Batch: 54950			PrepDate:	4/23/2009	Analyst: DMP	
2-Nitroaniline	ND	79	1600	µg/Kg	1	4/28/2009 02:32 PM	
2-Nitrophenol	ND	70	330	µg/Kg	1	4/28/2009 02:32 PM	
3,3'-Dichlorobenzidine	ND	78	660	µg/Kg	1	4/28/2009 02:32 PM	
3-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 02:32 PM	
4,6-Dinitro-2-methylphenol	ND	63	1600	µg/Kg	1	4/28/2009 02:32 PM	
4-Bromophenyl-phenylether	ND	73	330	µg/Kg	1	4/28/2009 02:32 PM	
4-Chloro-3-methylphenol	ND	75	660	µg/Kg	1	4/28/2009 02:32 PM	
4-Chloroaniline	ND	73	660	µg/Kg	1	4/28/2009 02:32 PM	
4-Chlorophenyl-phenylether	ND	70	330	µg/Kg	1	4/28/2009 02:32 PM	
4-Methylphenol	ND	79	330	µg/Kg	1	4/28/2009 02:32 PM	
4-Nitroaniline	ND	60	1600	µg/Kg	1	4/28/2009 02:32 PM	
4-Nitrophenol	ND	71	1600	µg/Kg	1	4/28/2009 02:32 PM	
Acenaphthene	ND	70	330	µg/Kg	1	4/28/2009 02:32 PM	
Acenaphthylene	ND	69	330	µg/Kg	1	4/28/2009 02:32 PM	
Anthracene	ND	76	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzidine (M)	ND	71	1600	µg/Kg	1	4/28/2009 02:32 PM	
Benzo(a)anthracene	ND	69	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzo(a)pyrene	ND	82	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzo(b)fluoranthene	ND	70	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzo(g,h,i)perylene	ND	71	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzo(k)fluoranthene	ND	98	330	µg/Kg	1	4/28/2009 02:32 PM	
Benzoic acid	ND	64	1600	µg/Kg	1	4/28/2009 02:32 PM	
Benzyl alcohol	ND	86	660	µg/Kg	1	4/28/2009 02:32 PM	
Bis(2-chloroethoxy)methane	ND	79	330	µg/Kg	1	4/28/2009 02:32 PM	
Bis(2-chloroethyl)ether	ND	81	330	µg/Kg	1	4/28/2009 02:32 PM	
Bis(2-chloroisopropyl)ether	ND	91	330	µg/Kg	1	4/28/2009 02:32 PM	
Bis(2-ethylhexyl)phthalate	ND	72	330	µg/Kg	1	4/28/2009 02:32 PM	
Butylbenzylphthalate	ND	72	330	µg/Kg	1	4/28/2009 02:32 PM	
Chrysene	ND	79	330	µg/Kg	1	4/28/2009 02:32 PM	
Di-n-butylphthalate	ND	78	330	µg/Kg	1	4/28/2009 02:32 PM	
Di-n-octylphthalate	ND	71	330	µg/Kg	1	4/28/2009 02:32 PM	
Dibenz(a,h)anthracene	ND	83	330	µg/Kg	1	4/28/2009 02:32 PM	
Dibenzofuran	ND	68	330	µg/Kg	1	4/28/2009 02:32 PM	
Diethylphthalate	ND	74	330	µg/Kg	1	4/28/2009 02:32 PM	
Dimethylphthalate	ND	69	330	µg/Kg	1	4/28/2009 02:32 PM	

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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3550B

EPA 8270C

RunID: MS6_090428A	QC Batch: 54950	PrepDate: 4/23/2009	Analyst: DMP			
Fluoranthene	ND	73	330	µg/Kg	1	4/28/2009 02:32 PM
Fluorene	ND	69	330	µg/Kg	1	4/28/2009 02:32 PM
Hexachlorobenzene	ND	76	330	µg/Kg	1	4/28/2009 02:32 PM
Hexachlorobutadiene	ND	77	660	µg/Kg	1	4/28/2009 02:32 PM
Hexachlorocyclopentadiene	ND	80	660	µg/Kg	1	4/28/2009 02:32 PM
Hexachloroethane	ND	81	330	µg/Kg	1	4/28/2009 02:32 PM
Indeno(1,2,3-cd)pyrene	ND	69	330	µg/Kg	1	4/28/2009 02:32 PM
Isophorone	ND	85	330	µg/Kg	1	4/28/2009 02:32 PM
N-Nitrosodi-n-propylamine	ND	82	330	µg/Kg	1	4/28/2009 02:32 PM
N-Nitrosodiphenylamine	ND	79	330	µg/Kg	1	4/28/2009 02:32 PM
Naphthalene	ND	86	330	µg/Kg	1	4/28/2009 02:32 PM
Nitrobenzene	ND	82	330	µg/Kg	1	4/28/2009 02:32 PM
Pentachlorophenol	ND	55	1600	µg/Kg	1	4/28/2009 02:32 PM
Phenanthrene	ND	76	330	µg/Kg	1	4/28/2009 02:32 PM
Phenol	ND	95	330	µg/Kg	1	4/28/2009 02:32 PM
Pyrene	ND	77	330	µg/Kg	1	4/28/2009 02:32 PM
Surr: 1,2-Dichlorobenzene-d4	83.5	0	49-103	%REC	1	4/28/2009 02:32 PM
Surr: 2,4,6-Tribromophenol	89.7	0	47-129	%REC	1	4/28/2009 02:32 PM
Surr: 2-Chlorophenol-d4	88.1	0	54-109	%REC	1	4/28/2009 02:32 PM
Surr: 2-Fluorobiphenyl	91.8	0	59-108	%REC	1	4/28/2009 02:32 PM
Surr: 2-Fluorophenol	92.5	0	50-111	%REC	1	4/28/2009 02:32 PM
Surr: 4-Terphenyl-d14	118	0	58-135	%REC	1	4/28/2009 02:32 PM
Surr: Nitrobenzene-d5	92.1	0	54-115	%REC	1	4/28/2009 02:32 PM
Surr: Phenol-d5	91.2	0	58-112	%REC	1	4/28/2009 02:32 PM

PH

EPA 9045C

RunID: WETCHEM_090423C	QC Batch: R108437	PrepDate:	Analyst: DDL			
pH	8.2	0.10	0.10	pH Units	1	4/23/2009

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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090423A	QC Batch:	T09VS106	PrepDate:	4/23/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.7	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1,1-Trichloroethane	ND	0.63	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1,2-Trichloroethane	ND	1.6	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1-Dichloroethane	ND	0.49	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1-Dichloroethene	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,1-Dichloropropene	ND	1.5	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2,3-Trichlorobenzene	ND	1.0	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2,3-Trichloropropane	ND	0.73	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2,4-Trichlorobenzene	ND	1.3	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2,4-Trimethylbenzene	ND	0.84	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2-Dibromo-3-chloropropane	ND	1.9	9.8	µg/Kg	1	4/23/2009 04:54 PM	
1,2-Dibromoethane	ND	1.4	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2-Dichlorobenzene	ND	0.81	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2-Dichloroethane	ND	1.1	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,2-Dichloropropane	ND	1.5	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,3,5-Trimethylbenzene	ND	0.98	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,3-Dichlorobenzene	ND	0.99	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,3-Dichloropropane	ND	1.0	4.9	µg/Kg	1	4/23/2009 04:54 PM	
1,4-Dichlorobenzene	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM	
2,2-Dichloropropane	ND	0.85	4.9	µg/Kg	1	4/23/2009 04:54 PM	
2-Chlorotoluene	ND	0.64	4.9	µg/Kg	1	4/23/2009 04:54 PM	
4-Chlorotoluene	ND	0.66	4.9	µg/Kg	1	4/23/2009 04:54 PM	
4-Isopropyltoluene	ND	0.56	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Benzene	ND	0.80	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Bromobenzene	ND	1.5	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Bromodichloromethane	ND	0.84	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Bromoform	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Bromomethane	ND	0.86	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Carbon tetrachloride	ND	1.3	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Chlorobenzene	ND	0.88	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Chloroethane	ND	1.3	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Chloroform	ND	0.61	4.9	µg/Kg	1	4/23/2009 04:54 PM	
Chloromethane	ND	0.80	4.9	µg/Kg	1	4/23/2009 04:54 PM	
cis-1,2-Dichloroethene	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM	

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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM
Dibromochloromethane	ND	0.67	4.9	µg/Kg	1	4/23/2009 04:54 PM
Dibromomethane	ND	1.7	4.9	µg/Kg	1	4/23/2009 04:54 PM
Dichlorodifluoromethane	ND	0.59	4.9	µg/Kg	1	4/23/2009 04:54 PM
Ethylbenzene	ND	0.89	4.9	µg/Kg	1	4/23/2009 04:54 PM
Hexachlorobutadiene	ND	3.3	4.9	µg/Kg	1	4/23/2009 04:54 PM
Isopropylbenzene	ND	1.2	4.9	µg/Kg	1	4/23/2009 04:54 PM
m,p-Xylene	ND	1.6	9.8	µg/Kg	1	4/23/2009 04:54 PM
Methylene chloride	ND	4.9	4.9	µg/Kg	1	4/23/2009 04:54 PM
n-Butylbenzene	ND	1.0	4.9	µg/Kg	1	4/23/2009 04:54 PM
n-Propylbenzene	ND	0.88	4.9	µg/Kg	1	4/23/2009 04:54 PM
Naphthalene	ND	1.6	4.9	µg/Kg	1	4/23/2009 04:54 PM
o-Xylene	ND	1.0	4.9	µg/Kg	1	4/23/2009 04:54 PM
sec-Butylbenzene	ND	0.83	4.9	µg/Kg	1	4/23/2009 04:54 PM
Styrene	ND	0.88	4.9	µg/Kg	1	4/23/2009 04:54 PM
tert-Butylbenzene	ND	0.60	4.9	µg/Kg	1	4/23/2009 04:54 PM
Tetrachloroethene	ND	1.0	4.9	µg/Kg	1	4/23/2009 04:54 PM
Toluene	ND	0.81	4.9	µg/Kg	1	4/23/2009 04:54 PM
trans-1,2-Dichloroethene	ND	0.97	4.9	µg/Kg	1	4/23/2009 04:54 PM
Trichloroethene	ND	1.9	4.9	µg/Kg	1	4/23/2009 04:54 PM
Trichlorofluoromethane	ND	1.1	4.9	µg/Kg	1	4/23/2009 04:54 PM
Vinyl chloride	ND	0.58	4.9	µg/Kg	1	4/23/2009 04:54 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/23/2009 04:54 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/23/2009 04:54 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/23/2009 04:54 PM
Surr: Toluene-d8	114	0	75-120	%REC	1	4/23/2009 04:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-023E

Client Sample ID: 1001-107-20-S
Collection Date: 4/21/2009 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN		
GRO	ND 0.14	0.95	mg/Kg	1	4/22/2009 11:37 PM
Surr: Bromofluorobenzene (FID)	107 0	59-145	%REC	1	4/22/2009 11:37 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090422C	QC Batch: E09VS109	PrepDate: 4/21/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.19	0.95	mg/Kg	1	4/22/2009 11:37 PM
Surr: Bromofluorobenzene (FID)	107 0	59-145	%REC	1	4/22/2009 11:37 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024A

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM

EPA 7196A

RunID: WETCHEM3_090421C	QC Batch: R108481				PrepDate: 4/21/2009		Analyst: MFP
Chromium, Hexavalent	ND	0.0086	0.010		mg/L	1	4/21/2009

PH

SM4500-H+B

RunID: PH4_090421A	QC Batch: R108440				PrepDate:		Analyst: FD
pH	5.8	0.10	0.10	H	pH Units	1	4/21/2009

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024B

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3010A

EPA 6010B

RunID:	ICP8_090423E	QC Batch:	54886	PrepDate:	4/21/2009	Analyst:	CL
Antimony	ND	0.0042	0.0050	mg/L	1	4/23/2009 05:51 PM	
Arsenic	ND	0.0037	0.010	mg/L	1	4/23/2009 05:51 PM	
Barium	ND	0.0010	0.0030	mg/L	1	4/23/2009 05:51 PM	
Beryllium	ND	0.00086	0.0030	mg/L	1	4/23/2009 05:51 PM	
Cadmium	ND	0.00072	0.0030	mg/L	1	4/23/2009 05:51 PM	
Chromium	ND	0.00068	0.0030	mg/L	1	4/23/2009 05:51 PM	
Cobalt	ND	0.00076	0.0030	mg/L	1	4/23/2009 05:51 PM	
Copper	ND	0.0039	0.0050	mg/L	1	4/23/2009 05:51 PM	
Lead	ND	0.0046	0.0050	mg/L	1	4/23/2009 05:51 PM	
Molybdenum	ND	0.0015	0.0050	mg/L	1	4/23/2009 05:51 PM	
Nickel	ND	0.0010	0.0050	mg/L	1	4/23/2009 05:51 PM	
Selenium	ND	0.0054	0.010	mg/L	1	4/23/2009 05:51 PM	
Silver	ND	0.0010	0.0030	mg/L	1	4/24/2009 03:31 PM	
Thallium	ND	0.0036	0.015	mg/L	1	4/23/2009 05:51 PM	
Vanadium	ND	0.00049	0.0030	mg/L	1	4/23/2009 05:51 PM	
Zinc	ND	0.0023	0.010	mg/L	1	4/23/2009 05:51 PM	

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7470A

RunID:	AA5_090422B	QC Batch:	54884	PrepDate:	4/21/2009	Analyst:	RQ
Mercury	ND	0.046	0.20	µg/L	1	4/22/2009 11:29 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024C

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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PCBS BY GC/ECD

RunID: GC4_090423A	EPA 3510C			EPA 8082		
	QC Batch: 54927			PrepDate: 4/22/2009		Analyst: BB
Aroclor 1016	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1221	ND	0.20	1.0	µg/L	1	4/23/2009 01:00 PM
Aroclor 1232	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1242	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1248	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1254	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1260	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1262	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Aroclor 1268	ND	0.20	0.50	µg/L	1	4/23/2009 01:00 PM
Surr: Decachlorobiphenyl	72.6	0	29-130	%REC	1	4/23/2009 01:00 PM
Surr: Tetrachloro-m-xylene	94.7	0	48-126	%REC	1	4/23/2009 01:00 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024D

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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DIESEL RANGE ORGANICS BY GC/FID

EPA 3510C

EPA 8015B(M)

RunID: GC16_090423C	QC Batch: 54952			PrepDate: 4/23/2009		Analyst: CBR
DRO	ND	0.20	0.20	mg/L	1	4/23/2009 06:05 PM
Surr: p-Terphenyl	73.4	0	35-131	%REC	1	4/23/2009 06:05 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 3510C

EPA 8015B(M)

RunID: GC16_090423C	QC Batch: 54952			PrepDate: 4/23/2009		Analyst: CBR
T/R Hydrocarbons: C13-C22	ND	0.20	0.20	mg/L	1	4/23/2009 06:05 PM
T/R Hydrocarbons: C23-C32	ND	0.20	0.20	mg/L	1	4/23/2009 06:05 PM
T/R Hydrocarbons:>C32	ND	0.20	0.20	mg/L	1	4/23/2009 06:05 PM
Surr: p-Terphenyl	73.4	0	35-131	%REC	1	4/23/2009 06:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024E

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID: MS6_090427A	QC Batch: 54957	PrepDate: 4/23/2009	Analyst: DMP
1,2,4-Trichlorobenzene	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
1,2-Dichlorobenzene	ND 2.2	10	µg/L 1 4/27/2009 06:27 PM
1,3-Dichlorobenzene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
1,4-Dichlorobenzene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
2,4,5-Trichlorophenol	ND 2.6	10	µg/L 1 4/27/2009 06:27 PM
2,4,6-Trichlorophenol	ND 2.0	10	µg/L 1 4/27/2009 06:27 PM
2,4-Dichlorophenol	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
2,4-Dimethylphenol	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
2,4-Dinitrophenol	ND 1.6	50	µg/L 1 4/27/2009 06:27 PM
2,4-Dinitrotoluene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
2,6-Dinitrotoluene	ND 2.8	10	µg/L 1 4/27/2009 06:27 PM
2-Chloronaphthalene	ND 2.2	10	µg/L 1 4/27/2009 06:27 PM
2-Chlorophenol	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
2-Methylnaphthalene	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
2-Methylphenol	ND 2.8	10	µg/L 1 4/27/2009 06:27 PM
2-Nitroaniline	ND 2.0	50	µg/L 1 4/27/2009 06:27 PM
2-Nitrophenol	ND 2.9	10	µg/L 1 4/27/2009 06:27 PM
3,3'-Dichlorobenzidine	ND 2.0	20	µg/L 1 4/27/2009 06:27 PM
3-Nitroaniline	ND 1.9	50	µg/L 1 4/27/2009 06:27 PM
4,6-Dinitro-2-methylphenol	ND 2.3	50	µg/L 1 4/27/2009 06:27 PM
4-Bromophenyl-phenylether	ND 2.0	10	µg/L 1 4/27/2009 06:27 PM
4-Chloro-3-methylphenol	ND 2.9	50	µg/L 1 4/27/2009 06:27 PM
4-Chloroaniline	ND 2.2	20	µg/L 1 4/27/2009 06:27 PM
4-Chlorophenyl-phenylether	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
4-Methylphenol	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
4-Nitroaniline	ND 2.2	20	µg/L 1 4/27/2009 06:27 PM
4-Nitrophenol	ND 1.2	50	µg/L 1 4/27/2009 06:27 PM
Acenaphthene	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
Acenaphthylene	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Anthracene	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
Benzidine (M)	ND 2.0	50	µg/L 1 4/27/2009 06:27 PM
Benzo(a)anthracene	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
Benzo(a)pyrene	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Benzo(b)fluoranthene	ND 3.3	10	µg/L 1 4/27/2009 06:27 PM
Benzo(g,h,i)perylene	ND 1.9	10	µg/L 1 4/27/2009 06:27 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024E

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses Result MDL PQL Qual Units DF Date Analyzed

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3510C

EPA 8270C

RunID: MS6_090427A	QC Batch: 54957	PrepDate: 4/23/2009	Analyst: DMP
Benzo(k)fluoranthene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
Benzoic acid	ND 1.5	50	µg/L 1 4/27/2009 06:27 PM
Benzyl alcohol	ND 2.1	20	µg/L 1 4/27/2009 06:27 PM
Bis(2-chloroethoxy)methane	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Bis(2-chloroethyl)ether	ND 2.6	10	µg/L 1 4/27/2009 06:27 PM
Bis(2-chloroisopropyl)ether	ND 2.7	10	µg/L 1 4/27/2009 06:27 PM
Bis(2-ethylhexyl)phthalate	ND 2.8	10	µg/L 1 4/27/2009 06:27 PM
Butylbenzylphthalate	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
Chrysene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
Di-n-butylphthalate	ND 2.8	10	µg/L 1 4/27/2009 06:27 PM
Di-n-octylphthalate	ND 2.9	10	µg/L 1 4/27/2009 06:27 PM
Dibenz(a,h)anthracene	ND 1.7	10	µg/L 1 4/27/2009 06:27 PM
Dibenzofuran	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Diethylphthalate	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
Dimethylphthalate	ND 1.9	10	µg/L 1 4/27/2009 06:27 PM
Fluoranthene	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
Fluorene	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
Hexachlorobenzene	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
Hexachlorobutadiene	ND 2.6	20	µg/L 1 4/27/2009 06:27 PM
Hexachlorocyclopentadiene	ND 2.2	10	µg/L 1 4/27/2009 06:27 PM
Hexachloroethane	ND 2.3	10	µg/L 1 4/27/2009 06:27 PM
Indeno(1,2,3-cd)pyrene	ND 1.9	10	µg/L 1 4/27/2009 06:27 PM
Isophorone	ND 2.9	10	µg/L 1 4/27/2009 06:27 PM
N-Nitrosodi-n-propylamine	ND 3.4	10	µg/L 1 4/27/2009 06:27 PM
N-Nitrosodiphenylamine	ND 2.1	10	µg/L 1 4/27/2009 06:27 PM
Naphthalene	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Nitrobenzene	ND 2.6	10	µg/L 1 4/27/2009 06:27 PM
Pentachlorophenol	ND 1.8	50	µg/L 1 4/27/2009 06:27 PM
Phenanthrene	ND 2.4	10	µg/L 1 4/27/2009 06:27 PM
Phenol	ND 1.4	10	µg/L 1 4/27/2009 06:27 PM
Pyrene	ND 2.5	10	µg/L 1 4/27/2009 06:27 PM
Surr: 1,2-Dichlorobenzene-d4	76.1 0	42-98	%REC 1 4/27/2009 06:27 PM
Surr: 2,4,6-Tribromophenol	93.7 0	60-128	%REC 1 4/27/2009 06:27 PM
Surr: 2-Chlorophenol-d4	71.4 0	43-102	%REC 1 4/27/2009 06:27 PM
Surr: 2-Fluorobiphenyl	86.6 0	50-108	%REC 1 4/27/2009 06:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024F

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/22/2009 10:22 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/22/2009 10:22 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/22/2009 10:22 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/22/2009 10:22 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:22 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 10:22 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:22 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/22/2009 10:22 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/22/2009 10:22 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/22/2009 10:22 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/22/2009 10:22 AM
Benzene	ND 2.6	5.0	µg/L 1 4/22/2009 10:22 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/22/2009 10:22 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/22/2009 10:22 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/22/2009 10:22 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/22/2009 10:22 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/22/2009 10:22 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/22/2009 10:22 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/22/2009 10:22 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024F

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090422A	QC Batch: Q09VW081	PrepDate:	Analyst: SLL			
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/22/2009 10:22 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/22/2009 10:22 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/22/2009 10:22 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 10:22 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/22/2009 10:22 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/22/2009 10:22 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/22/2009 10:22 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/22/2009 10:22 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/22/2009 10:22 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 10:22 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 10:22 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/22/2009 10:22 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/22/2009 10:22 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/22/2009 10:22 AM
Styrene	ND	2.5	5.0	µg/L	1	4/22/2009 10:22 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/22/2009 10:22 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/22/2009 10:22 AM
Toluene	ND	2.6	5.0	µg/L	1	4/22/2009 10:22 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/22/2009 10:22 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/22/2009 10:22 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/22/2009 10:22 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/22/2009 10:22 AM
Surr: 1,2-Dichloroethane-d4	91.9	0	70-130	%REC	1	4/22/2009 10:22 AM
Surr: 4-Bromofluorobenzene	111	0	70-130	%REC	1	4/22/2009 10:22 AM
Surr: Dibromofluoromethane	103	0	70-130	%REC	1	4/22/2009 10:22 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105148
Project: 207126015
Lab ID: 105148-024G

Client Sample ID: QCEB
Collection Date: 4/21/2009 10:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B(M)

RunID: GC1_090423A	QC Batch: D09VW067					PrepDate:	Analyst: BD
GRO	ND	0.050	0.20		mg/L	1	4/23/2009 05:47 PM
Surr: Bromofluorobenzene (FID)	105	0	71-130		%REC	1	4/23/2009 05:47 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC1_090423A	QC Batch: D09VW067					PrepDate:	Analyst: BD
T/R Hydrocarbons: C4-C12	ND	0.050	0.20		mg/L	1	4/23/2009 05:47 PM
Surr: Bromofluorobenzene (FID)	105	0	71-130		%REC	1	4/23/2009 05:47 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Ninyo & Moore
 Work Order: 105148
 Project: 207126015

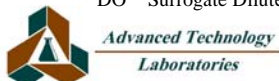
ANALYTICAL QC SUMMARY REPORT

TestCode: 150.1_4500H+B_W

Sample ID: 105148-024ADUP	SampType: DUP	TestCode: 150.1_4500H	Units: pH Units	Prep Date:	RunNo: 108440						
Client ID: QCEB	Batch ID: R108440	TestNo: SM4500-H+B	Analysis Date: 4/21/2009	SeqNo: 1701390							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	5.860	0.10						5.820	0.685	10	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

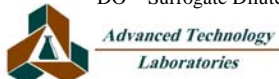
TestCode: 6010_S

Sample ID: MB-54944	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108487						
Client ID: PBS	Batch ID: 54944	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	0.130	1.0									
Beryllium	ND	1.0									
Cadmium	0.017	1.0									
Chromium	0.102	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	0.118	1.0									
Molybdenum	ND	1.0									
Nickel	0.034	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	0.053	1.0									
Zinc	0.346	1.0									

Sample ID: 105148-010A	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108487						
Client ID: 1001-108-2-S	Batch ID: 54944	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702367						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.561	2.0						0.3854	0	20	
Arsenic	ND	1.0						0	0	20	
Barium	194.620	1.0						210.8	8.00	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	0.649	1.0						0.6734	0	20	
Chromium	24.298	1.0						25.79	5.96	20	
Cobalt	10.422	1.0						10.59	1.59	20	
Copper	28.545	2.0						29.46	3.17	20	
Lead	0.538	1.0						1.298	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

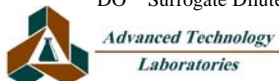
TestCode: 6010_S

Sample ID: 105148-010A	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108487						
Client ID: 1001-108-2-S	Batch ID: 54944	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702367						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	1.0						0.2229	0	20	
Nickel	18.792	1.0						19.22	2.27	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	57.807	1.0						59.20	2.38	20	
Zinc	58.648	1.0						61.78	5.20	20	

Sample ID: 105148-010AMS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108487						
Client ID: 1001-108-2-S	Batch ID: 54944	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702368						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	67.227	2.0	125.0	0.3854	53.5	25	106				
Arsenic	89.920	1.0	125.0	0	71.9	42	113				
Barium	263.242	1.0	125.0	210.8	41.9	19	140				
Beryllium	90.697	1.0	125.0	0	72.6	50	109				
Cadmium	89.377	1.0	125.0	0.6734	71.0	48	106				
Chromium	108.348	1.0	125.0	25.79	66.0	44	116				
Cobalt	102.067	1.0	125.0	10.59	73.2	47	107				
Copper	132.595	2.0	125.0	29.46	82.5	49	124				
Lead	88.189	1.0	125.0	1.298	69.5	33	120				
Molybdenum	91.394	1.0	125.0	0.2229	72.9	46	111				
Nickel	108.790	1.0	125.0	19.22	71.7	43	111				
Selenium	89.430	1.0	125.0	0	71.5	43	104				
Silver	101.122	1.0	125.0	0	80.9	53	114				
Thallium	78.075	1.0	125.0	0	62.5	41	107				
Vanadium	152.991	1.0	125.0	59.20	75.0	48	116				
Zinc	146.152	1.0	125.0	61.78	67.5	24	129				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

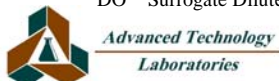
TestCode: 6010_S

Sample ID: 105148-010AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108487	
Client ID: 1001-108-2-S		Batch ID: 54944		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009		SeqNo: 1702369			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	61.281	2.0	125.0	0.3854	48.7	25	106	67.23	9.25	20	
Arsenic	86.920	1.0	125.0	0	69.5	42	113	89.92	3.39	20	
Barium	302.588	1.0	125.0	210.8	73.4	19	140	263.2	13.9	20	
Beryllium	87.980	1.0	125.0	0	70.4	50	109	90.70	3.04	20	
Cadmium	86.574	1.0	125.0	0.6734	68.7	48	106	89.38	3.19	20	
Chromium	108.589	1.0	125.0	25.79	66.2	44	116	108.3	0.222	20	
Cobalt	99.674	1.0	125.0	10.59	71.3	47	107	102.1	2.37	20	
Copper	133.935	2.0	125.0	29.46	83.6	49	124	132.6	1.01	20	
Lead	85.661	1.0	125.0	1.298	67.5	33	120	88.19	2.91	20	
Molybdenum	88.460	1.0	125.0	0.2229	70.6	46	111	91.39	3.26	20	
Nickel	108.075	1.0	125.0	19.22	71.1	43	111	108.8	0.660	20	
Selenium	86.870	1.0	125.0	0	69.5	43	104	89.43	2.90	20	
Silver	98.207	1.0	125.0	0	78.6	53	114	101.1	2.92	20	
Thallium	74.939	1.0	125.0	0	60.0	41	107	78.07	4.10	20	
Vanadium	157.740	1.0	125.0	59.20	78.8	48	116	153.0	3.06	20	
Zinc	150.238	1.0	125.0	61.78	70.8	24	129	146.2	2.76	20	

Sample ID: LCS-54944		SampType: LCS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108487	
Client ID: LCSS		Batch ID: 54944		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/24/2009		SeqNo: 1702370			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.369	2.0	50.00	0	98.7	80	120				
Arsenic	46.850	1.0	50.00	0	93.7	80	120				
Barium	48.661	1.0	50.00	0.1302	97.1	80	120				
Beryllium	47.845	1.0	50.00	0	95.7	80	120				
Cadmium	49.449	1.0	50.00	0.01686	98.9	80	120				
Chromium	44.257	1.0	50.00	0.1020	88.3	80	120				
Cobalt	49.320	1.0	50.00	0	98.6	80	120				
Copper	47.816	2.0	50.00	0	95.6	80	120				
Lead	49.739	1.0	50.00	0.1182	99.2	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

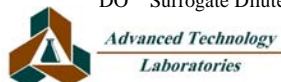
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS-54944	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108487						
Client ID: LCSS	Batch ID: 54944	TestNo: EPA 6010B EPA 3050B	Analysis Date: 4/24/2009	SeqNo: 1702370							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	47.380	1.0	50.00	0	94.8	80	120				
Nickel	47.591	1.0	50.00	0.03352	95.1	80	120				
Selenium	48.227	1.0	50.00	0	96.5	80	120				
Silver	48.472	1.0	50.00	0	96.9	80	120				
Thallium	44.384	1.0	50.00	0	88.8	80	120				
Vanadium	48.385	1.0	50.00	0.05263	96.7	80	120				
Zinc	48.977	1.0	50.00	0.3463	97.3	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

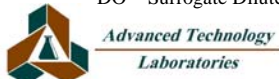
TestCode: 6010_S

Sample ID: MB-54945	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108536						
Client ID: PBS	Batch ID: 54945	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703276						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-54945	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108536						
Client ID: LCSS	Batch ID: 54945	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	57.147	2.0	50.00	0	114	80	120				
Arsenic	56.326	1.0	50.00	0	113	80	120				
Barium	58.714	1.0	50.00	0	117	80	120				
Beryllium	57.404	1.0	50.00	0	115	80	120				
Cadmium	57.550	1.0	50.00	0	115	80	120				
Chromium	53.449	1.0	50.00	0	107	80	120				
Cobalt	58.593	1.0	50.00	0	117	80	120				
Copper	58.680	2.0	50.00	0	117	80	120				
Lead	58.038	1.0	50.00	0	116	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

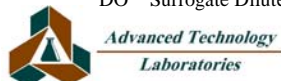
TestCode: 6010_S

Sample ID: LCS-54945	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108536						
Client ID: LCSS	Batch ID: 54945	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	59.075	1.0	50.00	0	118	80	120				
Nickel	56.187	1.0	50.00	0	112	80	120				
Selenium	53.542	1.0	50.00	0	107	80	120				
Silver	56.248	1.0	50.00	0	112	80	120				
Thallium	50.823	1.0	50.00	0	102	80	120				
Vanadium	58.604	1.0	50.00	0	117	80	120				
Zinc	56.526	1.0	50.00	0	113	80	120				

Sample ID: 105148-020ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108536						
Client ID: 1001-107-2-S	Batch ID: 54945	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703288						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Arsenic	0.474	1.0						0.4722	0	20	
Barium	212.908	1.0						199.9	6.29	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	0.661	1.0						0.5744	0	20	
Chromium	31.458	1.0						54.23	53.1	20	R
Cobalt	12.451	1.0						13.86	10.7	20	
Copper	33.277	2.0						30.37	9.14	20	
Lead	0.511	1.0						0.5019	0	20	
Molybdenum	ND	1.0						12.64	0	20	
Nickel	23.205	1.0						22.48	3.15	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	69.779	1.0						63.80	8.95	20	
Zinc	70.264	1.0						61.70	13.0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

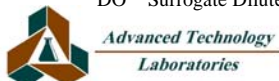
TestCode: 6010_S

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Client ID: 1001-107-2-S		Batch ID: 54945		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009		SeqNo: 1703289			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	80.001	2.0	125.0	0	64.0	25	106				
Arsenic	105.727	1.0	125.0	0.4722	84.2	42	113				
Barium	313.076	1.0	125.0	199.9	90.5	19	140				
Beryllium	106.807	1.0	125.0	0	85.4	50	109				
Cadmium	104.204	1.0	125.0	0.5744	82.9	48	106				
Chromium	128.961	1.0	125.0	54.23	59.8	44	116				
Cobalt	119.333	1.0	125.0	13.86	84.4	47	107				
Copper	154.950	2.0	125.0	30.37	99.7	49	124				
Lead	100.963	1.0	125.0	0.5019	80.4	33	120				
Molybdenum	107.292	1.0	125.0	12.64	75.7	46	111				
Nickel	128.357	1.0	125.0	22.48	84.7	43	111				
Selenium	102.706	1.0	125.0	0	82.2	43	104				
Silver	117.554	1.0	125.0	0	94.0	53	114				
Thallium	92.316	1.0	125.0	0	73.9	41	107				
Vanadium	179.918	1.0	125.0	63.80	92.9	48	116				
Zinc	167.873	1.0	125.0	61.70	84.9	24	129				

Sample ID: 105148-020AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108536	
Client ID: 1001-107-2-S		Batch ID: 54945		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009		SeqNo: 1703290			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	78.494	2.0	125.0	0	62.8	25	106	80.00	1.90	20	
Arsenic	103.079	1.0	125.0	0.4722	82.1	42	113	105.7	2.54	20	
Barium	306.924	1.0	125.0	199.9	85.6	19	140	313.1	1.98	20	
Beryllium	104.710	1.0	125.0	0	83.8	50	109	106.8	1.98	20	
Cadmium	102.447	1.0	125.0	0.5744	81.5	48	106	104.2	1.70	20	
Chromium	126.500	1.0	125.0	54.23	57.8	44	116	129.0	1.93	20	
Cobalt	117.435	1.0	125.0	13.86	82.9	47	107	119.3	1.60	20	
Copper	153.191	2.0	125.0	30.37	98.3	49	124	154.9	1.14	20	
Lead	100.587	1.0	125.0	0.5019	80.1	33	120	101.0	0.374	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

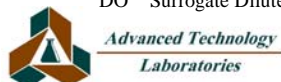
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 105148-020AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108536						
Client ID: 1001-107-2-S	Batch ID: 54945	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703290						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	104.229	1.0	125.0	12.64	73.3	46	111	107.3	2.90	20	
Nickel	126.796	1.0	125.0	22.48	83.4	43	111	128.4	1.22	20	
Selenium	101.350	1.0	125.0	0	81.1	43	104	102.7	1.33	20	
Silver	114.387	1.0	125.0	0	91.5	53	114	117.6	2.73	20	
Thallium	91.466	1.0	125.0	0	73.2	41	107	92.32	0.924	20	
Vanadium	178.742	1.0	125.0	63.80	92.0	48	116	179.9	0.655	20	
Zinc	165.472	1.0	125.0	61.70	83.0	24	129	167.9	1.44	20	

Qualifiers:

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|---|--|--|
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

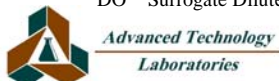
TestCode: 6010_S

Sample ID: MB-54946	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108538						
Client ID: PBS	Batch ID: 54946	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703293						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	0.021	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-54946	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108538						
Client ID: LCSS	Batch ID: 54946	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703294						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.714	2.0	50.00	0	99.4	80	120				
Arsenic	48.123	1.0	50.00	0	96.2	80	120				
Barium	52.090	1.0	50.00	0	104	80	120				
Beryllium	50.470	1.0	50.00	0	101	80	120				
Cadmium	50.174	1.0	50.00	0	100	80	120				
Chromium	47.607	1.0	50.00	0	95.2	80	120				
Cobalt	51.510	1.0	50.00	0	103	80	120				
Copper	52.441	2.0	50.00	0	105	80	120				
Lead	51.492	1.0	50.00	0	103	80	120				

Qualifiers:

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|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

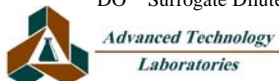
TestCode: 6010_S

Sample ID: LCS-54946	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108538						
Client ID: LCSS	Batch ID: 54946	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703294						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	51.525	1.0	50.00	0	103	80	120				
Nickel	49.647	1.0	50.00	0	99.3	80	120				
Selenium	46.241	1.0	50.00	0	92.5	80	120				
Silver	50.193	1.0	50.00	0.02104	100	80	120				
Thallium	44.319	1.0	50.00	0	88.6	80	120				
Vanadium	52.465	1.0	50.00	0	105	80	120				
Zinc	49.124	1.0	50.00	0	98.2	80	120				

Sample ID: 105148-023ADUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108538						
Client ID: 1001-107-20-S	Batch ID: 54946	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703298						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Arsenic	0.824	1.0						0	0	20	
Barium	158.143	1.0						143.2	9.92	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	1.126	1.0						0.4519	85.5	20	R
Chromium	21.024	1.0						18.91	10.6	20	
Cobalt	10.875	1.0						8.336	26.4	20	R
Copper	24.537	2.0						21.12	15.0	20	
Lead	1.498	1.0						0.6378	80.5	20	R
Molybdenum	0.559	1.0						0	0	20	
Nickel	15.543	1.0						13.44	14.5	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	56.847	1.0						52.35	8.23	20	
Zinc	52.507	1.0						48.20	8.56	20	

Qualifiers:

- | | | |
|---|--|--|
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Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

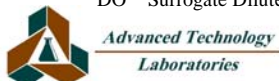
TestCode: 6010_S

Sample ID: 105148-023AMS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108538	
Client ID: 1001-107-20-S		Batch ID: 54946		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009				SeqNo: 1703299	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	79.064	2.0	125.0	0	63.3	25	106				
Arsenic	94.411	1.0	125.0	0	75.5	42	113				
Barium	239.703	1.0	125.0	143.2	77.2	19	140				
Beryllium	100.758	1.0	125.0	0	80.6	50	109				
Cadmium	96.987	1.0	125.0	0.4519	77.2	48	106				
Chromium	111.383	1.0	125.0	18.91	74.0	44	116				
Cobalt	109.227	1.0	125.0	8.336	80.7	47	107				
Copper	137.471	2.0	125.0	21.12	93.1	49	124				
Lead	98.659	1.0	125.0	0.6378	78.4	33	120				
Molybdenum	98.335	1.0	125.0	0	78.7	46	111				
Nickel	113.446	1.0	125.0	13.44	80.0	43	111				
Selenium	92.152	1.0	125.0	0	73.7	43	104				
Silver	107.411	1.0	125.0	0	85.9	53	114				
Thallium	87.686	1.0	125.0	0	70.1	41	107				
Vanadium	155.809	1.0	125.0	52.35	82.8	48	116				
Zinc	142.267	1.0	125.0	48.20	75.3	24	129				

Sample ID: 105148-023AMSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/23/2009		RunNo: 108538	
Client ID: 1001-107-20-S		Batch ID: 54946		TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/27/2009				SeqNo: 1703300	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	85.154	2.0	125.0	0	68.1	25	106	79.06	7.42	20	
Arsenic	100.941	1.0	125.0	0	80.8	42	113	94.41	6.68	20	
Barium	265.642	1.0	125.0	143.2	98.0	19	140	239.7	10.3	20	
Beryllium	106.963	1.0	125.0	0	85.6	50	109	100.8	5.97	20	
Cadmium	102.617	1.0	125.0	0.4519	81.7	48	106	96.99	5.64	20	
Chromium	118.200	1.0	125.0	18.91	79.4	44	116	111.4	5.94	20	
Cobalt	115.736	1.0	125.0	8.336	85.9	47	107	109.2	5.79	20	
Copper	145.308	2.0	125.0	21.12	99.3	49	124	137.5	5.54	20	
Lead	104.798	1.0	125.0	0.6378	83.3	33	120	98.66	6.03	20	

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

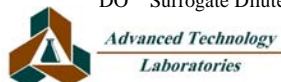
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 105148-023AMSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108538						
Client ID: 1001-107-20-S	Batch ID: 54946	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/27/2009	SeqNo: 1703300						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	105.536	1.0	125.0	0	84.4	46	111	98.33	7.06	20	
Nickel	119.969	1.0	125.0	13.44	85.2	43	111	113.4	5.59	20	
Selenium	98.748	1.0	125.0	0	79.0	43	104	92.15	6.91	20	
Silver	114.569	1.0	125.0	0	91.7	53	114	107.4	6.45	20	
Thallium	92.922	1.0	125.0	0	74.3	41	107	87.69	5.80	20	
Vanadium	166.537	1.0	125.0	52.35	91.3	48	116	155.8	6.66	20	
Zinc	150.076	1.0	125.0	48.20	81.5	24	129	142.3	5.34	20	

Qualifiers:

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|---|--|--|
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ANALYTICAL QC SUMMARY REPORT

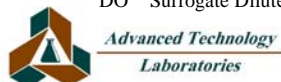
TestCode: 6010_W

Sample ID: MB-54886	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: PBW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.976	0.0050	1.000	0	97.6	85	115				
Arsenic	0.935	0.010	1.000	0	93.5	85	115				
Barium	0.947	0.0030	1.000	0	94.7	85	115				
Beryllium	0.941	0.0030	1.000	0	94.1	85	115				
Cadmium	0.957	0.0030	1.000	0	95.7	85	115				
Chromium	0.859	0.0030	1.000	0	85.9	85	115				
Cobalt	0.959	0.0030	1.000	0	95.9	85	115				
Copper	0.936	0.0050	1.000	0	93.6	85	115				
Lead	0.900	0.0050	1.000	0	90.0	85	115				
Molybdenum	0.934	0.0050	1.000	0	93.4	85	115				

Qualifiers:

- | | | |
|---|--|--|
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Work Order: 105148
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

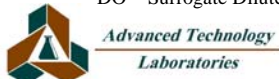
Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	0.920	0.0050	1.000	0	92.0	85	115				
Selenium	0.934	0.010	1.000	0	93.4	85	115				
Thallium	0.865	0.015	1.000	0	86.5	85	115				
Vanadium	0.941	0.0030	1.000	0	94.1	85	115				
Zinc	0.945	0.010	1.000	0	94.5	85	115				

Sample ID: 105148-024BDUP	SampType: DUP	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701507						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050						0	0	20	
Arsenic	ND	0.010						0	0	20	
Barium	ND	0.0030						0	0	20	
Beryllium	ND	0.0030						0	0	20	
Cadmium	ND	0.0030						0	0	20	
Chromium	ND	0.0030						0	0	20	
Cobalt	ND	0.0030						0	0	20	
Copper	ND	0.0050						0	0	20	
Lead	ND	0.0050						0	0	20	
Molybdenum	ND	0.0050						0	0	20	
Nickel	ND	0.0050						0	0	20	
Selenium	ND	0.010						0	0	20	
Thallium	ND	0.015						0	0	20	
Vanadium	ND	0.0030						0	0	20	
Zinc	0.006	0.010						0.004377	0	20	

Sample ID: 105148-024BMS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701508						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105148
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ANALYTICAL QC SUMMARY REPORT

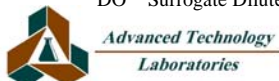
TestCode: 6010_W

Sample ID: 105148-024BMS		SampType: MS		TestCode: 6010_W		Units: mg/L		Prep Date: 4/21/2009		RunNo: 108442	
Client ID: QCEB		Batch ID: 54886		TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009				SeqNo: 1701508	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.419	0.0050	2.500	0	96.8	64	130				
Arsenic	2.266	0.010	2.500	0	90.6	66	128				
Barium	2.459	0.0030	2.500	0	98.4	60	129				
Beryllium	2.450	0.0030	2.500	0	98.0	77	118				
Cadmium	2.284	0.0030	2.500	0	91.3	72	122				
Chromium	2.200	0.0030	2.500	0	88.0	77	116				
Cobalt	2.412	0.0030	2.500	0	96.5	66	124				
Copper	2.543	0.0050	2.500	0	102	70	130				
Lead	2.163	0.0050	2.500	0	86.5	71	121				
Nickel	2.385	0.0050	2.500	0	95.4	63	125				
Selenium	2.237	0.010	2.500	0	89.5	73	124				
Thallium	2.292	0.015	2.500	0	91.7	66	125				
Vanadium	2.522	0.0030	2.500	0	101	79	118				
Zinc	2.253	0.010	2.500	0.004377	90.0	71	120				

Sample ID: 105148-024BMSD		SampType: MSD		TestCode: 6010_W		Units: mg/L		Prep Date: 4/21/2009		RunNo: 108442	
Client ID: QCEB		Batch ID: 54886		TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009				SeqNo: 1701509	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.480	0.0050	2.500	0	99.2	64	130	2.419	2.49	20	
Arsenic	2.328	0.010	2.500	0	93.1	66	128	2.266	2.69	20	
Barium	2.516	0.0030	2.500	0	101	60	129	2.459	2.26	20	
Beryllium	2.510	0.0030	2.500	0	100	77	118	2.450	2.39	20	
Cadmium	2.329	0.0030	2.500	0	93.1	72	122	2.284	1.95	20	
Chromium	2.241	0.0030	2.500	0	89.6	77	116	2.200	1.86	20	
Cobalt	2.466	0.0030	2.500	0	98.6	66	124	2.412	2.19	20	
Copper	2.595	0.0050	2.500	0	104	70	130	2.543	2.02	20	
Lead	2.187	0.0050	2.500	0	87.5	71	121	2.163	1.09	20	
Molybdenum	2.469	0.0050	2.500	0	98.8	64	129	2.417	2.14	20	
Nickel	2.423	0.0050	2.500	0	96.9	63	125	2.385	1.59	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: 105148-024BMSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108442						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/23/2009	SeqNo: 1701509						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	2.280	0.010	2.500	0	91.2	73	124	2.237	1.90	20	
Thallium	2.352	0.015	2.500	0	94.1	66	125	2.292	2.58	20	
Vanadium	2.570	0.0030	2.500	0	103	79	118	2.522	1.89	20	
Zinc	2.294	0.010	2.500	0.004377	91.6	71	120	2.253	1.81	20	

Sample ID: MB-54886	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: PBW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.0030									

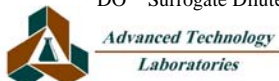
Sample ID: LCS-54886	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: LCSW	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	1.009	0.0030	1.000	0	101	85	115				

Sample ID: 105148-024BDUP	SampType: DUP	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702112						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.0030						0	0	20	

Sample ID: 105148-024BMS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702113						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	2.550	0.0030	2.500	0	102	60	138				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: 105148-024BMSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108475						
Client ID: QCEB	Batch ID: 54886	TestNo: EPA 6010B EPA 3010A		Analysis Date: 4/24/2009	SeqNo: 1702114						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	2.589	0.0030	2.500	0	104	60	138	2.550	1.54	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105148-001ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108559						
Client ID: 1001-110-2-S	Batch ID: 55023	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703664						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10						0	0	20	

Sample ID: 105148-001AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108559						
Client ID: 1001-110-2-S	Batch ID: 55023	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703665						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.020	0.10	5.000	0	100	85	115				

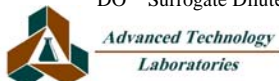
Sample ID: 105148-001AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108559						
Client ID: 1001-110-2-S	Batch ID: 55023	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703666						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.030	0.10	5.000	0	101	85	115	5.020	0.199	20	

Sample ID: LCS-55023	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108559						
Client ID: LCSS	Batch ID: 55023	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703676						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.080	0.10	5.000	0	102	85	115				

Sample ID: MB-55023	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108559						
Client ID: PBS	Batch ID: 55023	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703677						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108561						
Client ID: 1001-108-5-S	Batch ID: 55024	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703787						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10						0	0	20	

Sample ID: 105148-011AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108561						
Client ID: 1001-108-5-S	Batch ID: 55024	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703788						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.020	0.10	5.000	0	100	85	115				

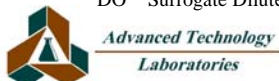
Sample ID: 105148-011AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108561						
Client ID: 1001-108-5-S	Batch ID: 55024	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703789						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.070	0.10	5.000	0	101	85	115	5.020	0.991	20	

Sample ID: LCS-55024	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108561						
Client ID: LCSS	Batch ID: 55024	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703799						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	5.080	0.10	5.000	0	102	85	115				

Sample ID: MB-55024	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108561						
Client ID: PBS	Batch ID: 55024	TestNo: EPA 7196A		Analysis Date: 4/27/2009	SeqNo: 1703800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_S

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108566						
Client ID: 1001-107-5-S	Batch ID: 55025	TestNo: EPA 7196A		Analysis Date: 4/28/2009	SeqNo: 1703822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.120	0.10						0.1000	18.2	20	

Sample ID: 105148-021AMS	SampType: MS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108566						
Client ID: 1001-107-5-S	Batch ID: 55025	TestNo: EPA 7196A		Analysis Date: 4/28/2009	SeqNo: 1703822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.990	0.10	5.000	0.1000	97.8	85	115				

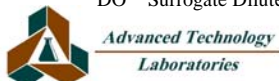
Sample ID: 105148-021AMSD	SampType: MSD	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108566						
Client ID: 1001-107-5-S	Batch ID: 55025	TestNo: EPA 7196A		Analysis Date: 4/28/2009	SeqNo: 1703822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.810	0.10	5.000	0.1000	94.2	85	115	4.990	3.67	20	

Sample ID: LCS-55025	SampType: LCS	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108566						
Client ID: LCSS	Batch ID: 55025	TestNo: EPA 7196A		Analysis Date: 4/28/2009	SeqNo: 1703822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	4.540	0.10	5.000	0	90.8	85	115				

Sample ID: MB-55025	SampType: MBLK	TestCode: 7196_S	Units: mg/Kg	Prep Date: 4/27/2009	RunNo: 108566						
Client ID: PBS	Batch ID: 55025	TestNo: EPA 7196A		Analysis Date: 4/28/2009	SeqNo: 1703822						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.10									

Qualifiers:

- | | | |
|---|--|--|
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| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7196_W

Sample ID: 105148-024ADUP	SampType: DUP	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108481						
Client ID: QCEB	Batch ID: R108481	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702255						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.010						0	0	20	

Sample ID: 105148-024AMS	SampType: MS	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108481						
Client ID: QCEB	Batch ID: R108481	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702256						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.505	0.010	0.5000	0	101	85	115				

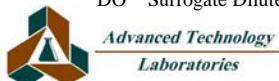
Sample ID: 105148-024AMSD	SampType: MSD	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108481						
Client ID: QCEB	Batch ID: R108481	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702257						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.506	0.010	0.5000	0	101	85	115	0.5050	0.198	20	

Sample ID: LCS-R108481	SampType: LCS	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108481						
Client ID: LCSW	Batch ID: R108481	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702258						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	0.508	0.010	0.5000	0	102	85	115				

Sample ID: MB-R108481	SampType: MBLK	TestCode: 7196_W	Units: mg/L	Prep Date: 4/21/2009	RunNo: 108481						
Client ID: PBW	Batch ID: R108481	TestNo: EPA 7196A		Analysis Date: 4/21/2009	SeqNo: 1702259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	ND	0.010									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: MB-54884	SampType: MBLK	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: PBW	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.072	0.20									

Sample ID: LCS-54884	SampType: LCS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: LCSW	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.857	0.20	10.00	0.07152	97.9	85	115				

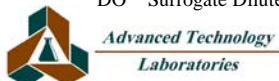
Sample ID: 105148-024B-MS	SampType: MS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: QCEB	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700395						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.391	0.20	10.00	0	93.9	70	130				

Sample ID: 105148-024B-MSD	SampType: MSD	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: QCEB	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700396						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.138	0.20	10.00	0	91.4	70	130	9.391	2.74	20	

Sample ID: 105131-001B-DUP	SampType: DUP	TestCode: 7470_W	Units: µg/L	Prep Date: 4/21/2009	RunNo: 108368						
Client ID: ZZZZZZ	Batch ID: 54884	TestNo: EPA 7470A		Analysis Date: 4/22/2009	SeqNo: 1700399						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54933	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108416						
Client ID: PBS	Batch ID: 54933	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701014						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-54933	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108416						
Client ID: LCSS	Batch ID: 54933	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701015						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.947	0.10	0.8300	0	114	80	120				

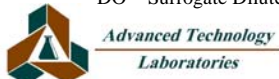
Sample ID: 105148-010A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108416						
Client ID: 1001-108-2-S	Batch ID: 54933	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701016						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.993	0.10	0.8300	0.02922	116	70	130				

Sample ID: 105148-010A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108416						
Client ID: 1001-108-2-S	Batch ID: 54933	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701017						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.995	0.10	0.8300	0.02922	116	70	130	0.9925	0.213	20	

Sample ID: 105148-010A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108416						
Client ID: 1001-108-2-S	Batch ID: 54933	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701019						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.028	0.10						0.02922	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54934	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108417						
Client ID: PBS	Batch ID: 54934	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701029						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-54934	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108417						
Client ID: LCSS	Batch ID: 54934	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701030						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.882	0.10	0.8300	0	106	80	120				

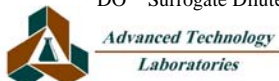
Sample ID: 105148-020A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108417						
Client ID: 1001-107-2-S	Batch ID: 54934	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701031						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.937	0.10	0.8300	0.02494	110	70	130				

Sample ID: 105148-020A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108417						
Client ID: 1001-107-2-S	Batch ID: 54934	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701032						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.915	0.10	0.8300	0.02494	107	70	130	0.9374	2.44	20	

Sample ID: 105148-020A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108417						
Client ID: 1001-107-2-S	Batch ID: 54934	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701034						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.025	0.10						0.02494	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-54935	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108419						
Client ID: PBS	Batch ID: 54935	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: 105148-023A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108419						
Client ID: 1001-107-20-S	Batch ID: 54935	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701056						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.009	0.10	0.8300	0	122	70	130				

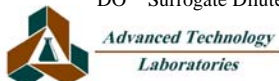
Sample ID: 105148-023A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108419						
Client ID: 1001-107-20-S	Batch ID: 54935	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701057						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.947	0.10	0.8300	0	114	70	130	1.009	6.35	20	

Sample ID: LCS-54935	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108419						
Client ID: LCSS	Batch ID: 54935	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701059						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.837	0.10	0.8300	0	101	80	120				

Sample ID: 105148-023A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108419						
Client ID: 1001-107-20-S	Batch ID: 54935	TestNo: EPA 7471A		Analysis Date: 4/23/2009	SeqNo: 1701060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54917	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: LCSS	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702656						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1232.700	10	1000	10.00	122	81	128				
Surr: p-Terphenyl	90.850		80.00		114	57	144				

Sample ID: MB-54917	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: PBS	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	10.000	10									
Surr: p-Terphenyl	79.410		80.00		99.3	57	144				

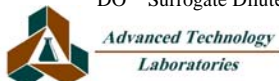
Sample ID: 105148-021AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702658						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1127.700	10	1000	0	113	58	145				
Surr: p-Terphenyl	70.370		80.00		88.0	57	144				

Sample ID: 105148-021AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702659						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	988.540	10	1000	0	98.9	58	145	1128	13.2	20	
Surr: p-Terphenyl	62.710		80.00		78.4	57	144		0	0	

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702660						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

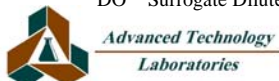
ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702660						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	79.240		80.00		99.0	57	144		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54920		SampType: LCS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108637		
Client ID: LCSS		Batch ID: 54920		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009		SeqNo: 1704674				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	907.964	10	1000	0	90.8	81	128					
Surr: p-Terphenyl	80.652		80.00		101	57	144					

Sample ID: 105148-008AMS		SampType: MS		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108637		
Client ID: 1001-109-10-S		Batch ID: 54920		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009		SeqNo: 1704675				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	909.973	10	1000	0	91.0	58	145					
Surr: p-Terphenyl	78.880		80.00		98.6	57	144					

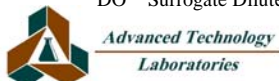
Sample ID: 105148-008AMSD		SampType: MSD		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108637		
Client ID: 1001-109-10-S		Batch ID: 54920		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009		SeqNo: 1704676				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	887.823	10	1000	0	88.8	58	145	910.0	2.46	20		
Surr: p-Terphenyl	76.187		80.00		95.2	57	144		0	0		

Sample ID: MB-54920		SampType: MBLK		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108637		
Client ID: PBS		Batch ID: 54920		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009		SeqNo: 1704677				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	ND	10										
Surr: p-Terphenyl	77.732		80.00		97.2	57	144					

Sample ID: 105148-008ADUP		SampType: DUP		TestCode: 8015_S_DSL		Units: mg/Kg		Prep Date: 4/22/2009		RunNo: 108637		
Client ID: 1001-109-10-S		Batch ID: 54920		TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009		SeqNo: 1704696				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
DRO	ND	10						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

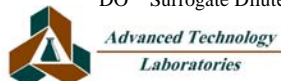
ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: 1001-109-10-S	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	77.999		80.00		97.5	57	144		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: LCS-54921	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: LCSS	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702802						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1252.430	10	1000	0	125	81	128				
Surr: p-Terphenyl	86.010		80.00		108	57	144				

Sample ID: MB-54921	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: PBS	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702803						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	98.990		80.00		124	57	144				

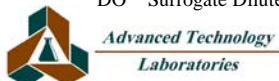
Sample ID: 105148-011AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702804						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1262.470	10	1000	0	126	58	145				
Surr: p-Terphenyl	81.890		80.00		102	57	144				

Sample ID: 105148-011AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702805						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1362.710	10	1000	0	136	58	145	1262	7.64	20	
Surr: p-Terphenyl	86.920		80.00		109	57	144		0	0	

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009	SeqNo: 1702873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	10.940	10						0	200	20	R

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DSL H

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009	SeqNo: 1702873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl	95.250		80.00		119	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090422LCS1	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: LCSS	Batch ID: E09VS107	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701869							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.848	1.0	5.000	0	97.0	73	120				
Surr: Bromofluorobenzene (FID)	100.568		100.0		101	59	145				

Sample ID: E090422MB1MS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: ZZZZZZ	Batch ID: E09VS107	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701870							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.790	1.0	5.000	0	95.8	39	135				
Surr: Bromofluorobenzene (FID)	97.074		100.0		97.1	59	145				

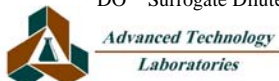
Sample ID: E090422MB1MSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: ZZZZZZ	Batch ID: E09VS107	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701871							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.809	1.0	5.000	0	96.2	39	135	4.790	0.396	20	
Surr: Bromofluorobenzene (FID)	98.905		100.0		98.9	59	145		0	0	

Sample ID: E090422MB1	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: PBS	Batch ID: E09VS107	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701872							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	98.771		100.0		98.8	59	145				

Sample ID: 105148-001FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108452						
Client ID: 1001-110-2-S	Batch ID: E09VS107	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701874							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.90						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105148-001FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108452						
Client ID: 1001-110-2-S	Batch ID: E09VS107	TestNo: EPA 8015B(M)		Analysis Date: 4/22/2009	SeqNo: 1701874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	79.496		90.09		88.2	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090422LCS3	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: LCSS	Batch ID: E09VS108	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701887							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.834	1.0	5.000	0	96.7	73	120				
Surr: Bromofluorobenzene (FID)	98.072		100.0		98.1	59	145				

Sample ID: E090422MB2MS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: ZZZZZZ	Batch ID: E09VS108	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701888							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.927	1.0	5.000	0	98.5	39	135				
Surr: Bromofluorobenzene (FID)	100.932		100.0		101	59	145				

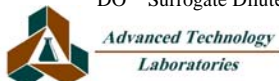
Sample ID: E090422MB2MSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: ZZZZZZ	Batch ID: E09VS108	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701889							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.813	1.0	5.000	0	96.3	39	135	4.927	2.34	20	
Surr: Bromofluorobenzene (FID)	100.306		100.0		100	59	145		0	0	

Sample ID: E090422MB2	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: PBS	Batch ID: E09VS108	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701890							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	97.623		100.0		97.6	59	145				

Sample ID: 105148-011FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108453						
Client ID: 1001-108-5-S	Batch ID: E09VS108	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701893							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.92						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105148-011FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108453						
Client ID: 1001-108-5-S	Batch ID: E09VS108	TestNo: EPA 8015B(M)		Analysis Date: 4/22/2009	SeqNo: 1701893						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	97.039		91.91		106	59	145		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: E090422LCS5	SampType: LCS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: LCSS	Batch ID: E09VS109	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701902							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.602	1.0	5.000	0	92.0	73	120				
Surr: Bromofluorobenzene (FID)	99.926		100.0		99.9	59	145				

Sample ID: E090422MB3MS	SampType: MS	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: ZZZZZZ	Batch ID: E09VS109	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701903							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.602	1.0	5.000	0	92.0	39	135				
Surr: Bromofluorobenzene (FID)	99.102		100.0		99.1	59	145				

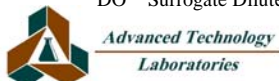
Sample ID: E090422MB3MSD	SampType: MSD	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: ZZZZZZ	Batch ID: E09VS109	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701904							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.632	1.0	5.000	0	92.6	39	135	4.602	0.650	20	
Surr: Bromofluorobenzene (FID)	95.878		100.0		95.9	59	145		0	0	

Sample ID: E090422MB3	SampType: MBLK	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: PBS	Batch ID: E09VS109	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701905							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.413		100.0		101	59	145				

Sample ID: 105148-021FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108459						
Client ID: 1001-107-5-S	Batch ID: E09VS109	TestNo: EPA 8015B(M)	Analysis Date: 4/22/2009	SeqNo: 1701908							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.94						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_G 5035P

Sample ID: 105148-021FDUP	SampType: DUP	TestCode: 8015_S_G 50	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108459						
Client ID: 1001-107-5-S	Batch ID: E09VS109	TestNo: EPA 8015B(M)		Analysis Date: 4/22/2009	SeqNo: 1701908						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	98.814		94.34		105	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL H

Sample ID: MB-54952MSD	SampType: MSD	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: ZZZZZZ	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702052						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.222	0.20	1.000	0	122	42	118	1.218	0.288	20	S
Surr: p-Terphenyl	0.049		0.08000		61.3	35	131		0	0	

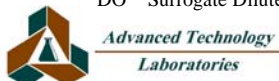
Sample ID: MB-54952	SampType: MBLK	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: PBW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.20									
Surr: p-Terphenyl	0.051		0.08000		64.2	35	131				

Sample ID: MB-54952MS	SampType: MS	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: ZZZZZZ	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702054						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.219	0.20	1.000	0	122	42	118				S
Surr: p-Terphenyl	0.053		0.08000		65.9	35	131				

Sample ID: LCS-54952	SampType: LCS	TestCode: 8015_W_DSL	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: LCSW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.102	0.20	1.000	0	110	42	118				
Surr: p-Terphenyl	0.048		0.08000		59.6	35	131				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
 Work Order: 105148
 Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_G PRES

Sample ID: D090423LCS	SampType: LCS	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: LCSW	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701675							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.945	0.20	1.000	0	94.5	69	125				
Surr: Bromofluorobenzene (FID)	101.914		100.0		102	71	130				

Sample ID: D090423MB2MS	SampType: MS	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701676							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.861	0.20	1.000	0	86.1	69	125				
Surr: Bromofluorobenzene (FID)	100.900		100.0		101	71	130				

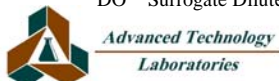
Sample ID: D090424MB2MSD	SampType: MSD	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701677							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.900	0.20	1.000	0	90.0	69	125	0	0	20	
Surr: Bromofluorobenzene (FID)	99.676		100.0		99.7	71	130		0	0	

Sample ID: D090423MB2	SampType: MBLK	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: PBW	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701678							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.20									
Surr: Bromofluorobenzene (FID)	104.012		100.0		104	71	130				

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: QCEB	Batch ID: D09VW067	TestNo: EPA 8015B(M)	Analysis Date: 4/23/2009	SeqNo: 1701680							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_G PRES

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: 8015_W_G P	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: QCEB	Batch ID: D09VW067	TestNo: EPA 8015B(M)		Analysis Date: 4/23/2009	SeqNo: 1701680						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	101.016		100.0		101	71	130		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

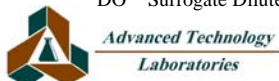
Sample ID: MB-54965		SampType: MBLK		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108462	
Client ID: PBS		Batch ID: 54965		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1701836	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	11.059		16.67		66.3	30	124				
Surr: Tetrachloro-m-xylene	15.339		16.67		92.0	40	118				

Sample ID: LCSA-54965		SampType: LCS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108462	
Client ID: LCSS		Batch ID: 54965		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1701837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	126.120	16	166.7	0	75.7	56	113				
Aroclor 1260	138.578	16	166.7	0	83.1	58	111				
Surr: Decachlorobiphenyl	11.552		16.67		69.3	30	124				
Surr: Tetrachloro-m-xylene	16.019		16.67		96.1	40	118				

Sample ID: MB-54965MSA		SampType: MS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108462	
Client ID: ZZZZZZ		Batch ID: 54965		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1701838	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	125.359	16	166.7	0	75.2	51	111				
Aroclor 1260	137.952	16	166.7	0	82.8	39	123				
Surr: Decachlorobiphenyl	11.473		16.67		68.8	30	124				
Surr: Tetrachloro-m-xylene	15.936		16.67		95.6	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

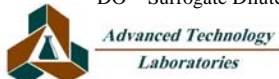
TestCode: 8082_S

Sample ID: MB-54965MSDA	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108462						
Client ID: ZZZZZZ	Batch ID: 54965	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1701839						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	125.494	16	166.7	0	75.3	51	111	125.4	0.108	20	
Aroclor 1260	138.206	16	166.7	0	82.9	39	123	138.0	0.184	20	
Surr: Decachlorobiphenyl	11.579		16.67		69.5	30	124		0	0	
Surr: Tetrachloro-m-xylene	15.965		16.67		95.8	40	118		0	0	

Sample ID: 105148-002ADUP	SampType: DUP	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108462						
Client ID: 1001-110-5-S	Batch ID: 54965	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1701842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	13.086		16.67		78.5	30	124		0	0	
Surr: Tetrachloro-m-xylene	17.339		16.67		104	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

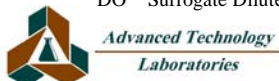
Sample ID: MB-54966	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108455						
Client ID: PBS	Batch ID: 54966	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	10.943		16.67		65.6	30	124				
Surr: Tetrachloro-m-xylene	15.030		16.67		90.2	40	118				

Sample ID: LCS-54966	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108455						
Client ID: LCSS	Batch ID: 54966	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	124.243	16	166.7	0	74.5	56	113				
Aroclor 1260	143.441	16	166.7	0	86.1	58	111				
Surr: Decachlorobiphenyl	11.240		16.67		67.4	30	124				
Surr: Tetrachloro-m-xylene	15.677		16.67		94.0	40	118				

Sample ID: MB-54966MS	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108455						
Client ID: ZZZZZZ	Batch ID: 54966	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	125.650	16	166.7	0	75.4	51	111				
Aroclor 1260	144.561	16	166.7	0	86.7	39	123				
Surr: Decachlorobiphenyl	11.389		16.67		68.3	30	124				
Surr: Tetrachloro-m-xylene	15.752		16.67		94.5	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

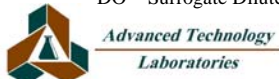
TestCode: 8082_S

Sample ID: MB-54966MSD	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108455						
Client ID: ZZZZZZ	Batch ID: 54966	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701697						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	125.200	16	166.7	0	75.1	51	111	125.7	0.359	20	
Aroclor 1260	143.559	16	166.7	0	86.1	39	123	144.6	0.695	20	
Surr: Decachlorobiphenyl	11.569		16.67		69.4	30	124		0	0	
Surr: Tetrachloro-m-xylene	15.757		16.67		94.5	40	118		0	0	

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108455						
Client ID: 1001-108-5-S	Batch ID: 54966	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701699						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	13.508		16.67		81.0	30	124		0	0	
Surr: Tetrachloro-m-xylene	18.199		16.67		109	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

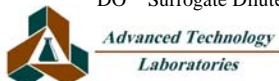
Sample ID: MB-54967		SampType: MBLK		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108478	
Client ID: PBS		Batch ID: 54967		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1702143	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	12.702		16.67		76.2	30	124				
Surr: Tetrachloro-m-xylene	14.862		16.67		89.2	40	118				

Sample ID: LCS-54967		SampType: LCS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108478	
Client ID: LCSS		Batch ID: 54967		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1702144	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	121.345	16	166.7	0	72.8	56	113				
Aroclor 1260	163.465	16	166.7	0	98.1	58	111				
Surr: Decachlorobiphenyl	13.027		16.67		78.1	30	124				
Surr: Tetrachloro-m-xylene	15.137		16.67		90.8	40	118				

Sample ID: MB-54967MS		SampType: MS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108478	
Client ID: ZZZZZZ		Batch ID: 54967		TestNo: EPA 8082		EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1702145	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	119.933	16	166.7	0	72.0	51	111				
Aroclor 1260	156.617	16	166.7	0	94.0	39	123				
Surr: Decachlorobiphenyl	12.882		16.67		77.3	30	124				
Surr: Tetrachloro-m-xylene	14.905		16.67		89.4	40	118				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

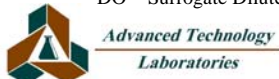
TestCode: 8082_S

Sample ID: MB-54967MSD	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108478						
Client ID: ZZZZZZ	Batch ID: 54967	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1702146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	119.508	16	166.7	0	71.7	51	111	119.9	0.355	20	
Aroclor 1260	153.500	16	166.7	0	92.1	39	123	156.6	2.01	20	
Surr: Decachlorobiphenyl	12.865		16.67		77.2	30	124		0	0	
Surr: Tetrachloro-m-xylene	14.912		16.67		89.5	40	118		0	0	

Sample ID: 105148-022ADUP	SampType: DUP	TestCode: 8082_S	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108478						
Client ID: 1001-107-10-S	Batch ID: 54967	TestNo: EPA 8082	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1702149						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	15.025		16.67		90.1	30	124		0	0	
Surr: Tetrachloro-m-xylene	17.083		16.67		102	40	118		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W

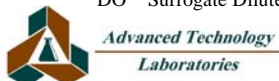
Sample ID: MB-54927		SampType: MBLK		TestCode: 8082_W		Units: µg/L		Prep Date: 4/22/2009		RunNo: 108430	
Client ID: PBW		Batch ID: 54927		TestNo: EPA 8082		EPA 3510C		Analysis Date: 4/23/2009		SeqNo: 1701283	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Aroclor 1262	ND	0.50									
Aroclor 1268	ND	0.50									
Surr: Decachlorobiphenyl	0.289		0.5000		57.8	29	130				
Surr: Tetrachloro-m-xylene	0.429		0.5000		85.7	48	126				

Sample ID: LCSA-54927		SampType: LCS		TestCode: 8082_W		Units: µg/L		Prep Date: 4/22/2009		RunNo: 108430	
Client ID: LCSW		Batch ID: 54927		TestNo: EPA 8082		EPA 3510C		Analysis Date: 4/23/2009		SeqNo: 1701284	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.723	0.50	5.000	0	74.5	59	113				
Aroclor 1260	4.014	0.50	5.000	0	80.3	60	114				
Surr: Decachlorobiphenyl	0.270		0.5000		54.0	29	130				
Surr: Tetrachloro-m-xylene	0.451		0.5000		90.3	48	126				

Sample ID: MB-54927MSA		SampType: MS		TestCode: 8082_W		Units: µg/L		Prep Date: 4/22/2009		RunNo: 108430	
Client ID: ZZZZZZ		Batch ID: 54927		TestNo: EPA 8082		EPA 3510C		Analysis Date: 4/23/2009		SeqNo: 1701285	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.606	0.50	5.000	0	72.1	59	113				
Aroclor 1260	3.977	0.50	5.000	0	79.5	60	114				
Surr: Decachlorobiphenyl	0.272		0.5000		54.3	29	130				
Surr: Tetrachloro-m-xylene	0.460		0.5000		92.0	48	126				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

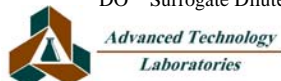
ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W

Sample ID: MB-54927MSDA	SampType: MSD	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2009	RunNo: 108430						
Client ID: ZZZZZZ	Batch ID: 54927	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/23/2009	SeqNo: 1701286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.798	0.50	5.000	0	76.0	59	113	3.606	5.19	20	
Aroclor 1260	4.067	0.50	5.000	0	81.3	60	114	3.977	2.25	20	
Surr: Decachlorobiphenyl	0.275		0.5000		54.9	29	130		0	0	
Surr: Tetrachloro-m-xylene	0.460		0.5000		91.9	48	126		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

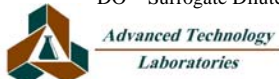
Sample ID: K090422LC1		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108374		
Client ID: LCSS		Batch ID: K09VS061		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1700460		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	57.080	5.0	50.00	0	114	70	130					
Benzene	100.720	5.0	100.0	0	101	70	130					
Chlorobenzene	52.460	5.0	50.00	0	105	70	130					
MTBE	47.560	5.0	50.00	0	95.1	70	130					
Toluene	97.820	5.0	100.0	0	97.8	70	130					
Trichloroethene	50.920	5.0	50.00	0	102	70	130					
Surr: 1,2-Dichloroethane-d4	47.500		50.00		95.0	68	147					
Surr: 4-Bromofluorobenzene	53.340		50.00		107	67	127					
Surr: Dibromofluoromethane	52.100		50.00		104	72	141					
Surr: Toluene-d8	53.490		50.00		107	75	120					

Sample ID: K090422LC2		SampType: LCSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108374		
Client ID: LCSS02		Batch ID: K09VS061		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1700461		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	50.680	5.0	50.00	0	101	70	130	57.08	11.9	20		
Benzene	87.540	5.0	100.0	0	87.5	70	130	100.7	14.0	20		
Chlorobenzene	45.630	5.0	50.00	0	91.3	70	130	52.46	13.9	20		
MTBE	41.700	5.0	50.00	0	83.4	70	130	47.56	13.1	20		
Toluene	82.950	5.0	100.0	0	83.0	70	130	97.82	16.5	20		
Trichloroethene	44.010	5.0	50.00	0	88.0	70	130	50.92	14.6	20		
Surr: 1,2-Dichloroethane-d4	47.110		50.00		94.2	68	147		0	20		
Surr: 4-Bromofluorobenzene	52.220		50.00		104	67	127		0	20		
Surr: Dibromofluoromethane	49.780		50.00		99.6	72	141		0	20		
Surr: Toluene-d8	51.760		50.00		104	75	120		0	20		

Sample ID: K090422MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108374		
Client ID: PBS		Batch ID: K09VS061		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1701185		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

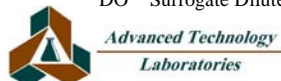
TestCode: 8260_S_5035

Sample ID: K090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108374						
Client ID: PBS	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701185						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Project: 207126015

ANALYTICAL QC SUMMARY REPORT

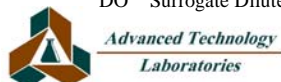
TestCode: 8260_S_5035

Sample ID: K090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108374
Client ID: PBS	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701185

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	51.150		50.00		102	68	147				
Surr: 4-Bromofluorobenzene	52.030		50.00		104	67	127				
Surr: Dibromofluoromethane	51.770		50.00		104	72	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

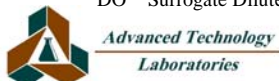
TestCode: 8260_S_5035

Sample ID: K090422MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108374						
Client ID: PBS	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701185						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	55.360		50.00		111	75	120				

Sample ID: 105148-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108374						
Client ID: 1001-110-2-S	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701196						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.1						0	0	20	
1,1,1-Trichloroethane	ND	5.1						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.1						0	0	20	
1,1,2-Trichloroethane	ND	5.1						0	0	20	
1,1-Dichloroethane	ND	5.1						0	0	20	
1,1-Dichloroethene	ND	5.1						0	0	20	
1,1-Dichloropropene	ND	5.1						0	0	20	
1,2,3-Trichlorobenzene	ND	5.1						0	0	20	
1,2,3-Trichloropropane	ND	5.1						0	0	20	
1,2,4-Trichlorobenzene	ND	5.1						0	0	20	
1,2,4-Trimethylbenzene	ND	5.1						0	0	20	
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.1						0	0	20	
1,2-Dichlorobenzene	ND	5.1						0	0	20	
1,2-Dichloroethane	ND	5.1						0	0	20	
1,2-Dichloropropane	ND	5.1						0	0	20	
1,3,5-Trimethylbenzene	ND	5.1						0	0	20	
1,3-Dichlorobenzene	ND	5.1						0	0	20	
1,3-Dichloropropane	ND	5.1						0	0	20	
1,4-Dichlorobenzene	ND	5.1						0	0	20	
2,2-Dichloropropane	ND	5.1						0	0	20	
2-Butanone	ND	5.1						0	0	20	
2-Chloroethyl vinyl ether	ND	5.1						0	0	20	
2-Chlorotoluene	ND	5.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

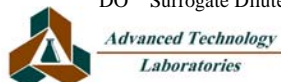
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108374						
Client ID: 1001-110-2-S	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701196						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	ND	51						0	0	20	
4-Chlorotoluene	ND	5.1						0	0	20	
4-Isopropyltoluene	ND	5.1						0	0	20	
4-Methyl-2-pentanone	ND	51						0	0	20	
Acetone	16.917	51						0	0	20	
Acrolein	ND	51						0	0	20	
Acrylonitrile	ND	51						0	0	20	
Benzene	0.892	5.1						0	0	20	
Bromobenzene	ND	5.1						0	0	20	
Bromochloromethane	ND	5.1						0	0	20	
Bromodichloromethane	ND	5.1						0	0	20	
Bromoform	ND	5.1						0	0	20	
Bromomethane	ND	5.1						0	0	20	
Carbon disulfide	ND	5.1						0	0	20	
Carbon tetrachloride	ND	5.1						0	0	20	
Chlorobenzene	ND	5.1						0	0	20	
Chloroethane	ND	5.1						0	0	20	
Chloroform	ND	5.1						0	0	20	
Chloromethane	ND	5.1						0	0	20	
cis-1,2-Dichloroethene	ND	5.1						0	0	20	
cis-1,3-Dichloropropene	ND	5.1						0	0	20	
Cyclohexanone	ND	51						0	0	20	
Di-isopropyl ether	ND	5.1						0	0	20	
Dibromochloromethane	ND	5.1						0	0	20	
Dibromomethane	ND	5.1						0	0	20	
Dichlorodifluoromethane	ND	5.1						0	0	20	
Ethyl Acetate	ND	51						0	0	20	
Ethyl Ether	ND	51						0	0	20	
Ethyl Tert-butyl ether	ND	5.1						0	0	20	
Ethylbenzene	ND	5.1						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

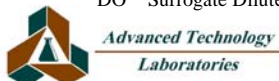
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-001C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108374						
Client ID: 1001-110-2-S	Batch ID: K09VS061	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701196						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	ND	5.1						0	0	20	
Hexachlorobutadiene	ND	5.1						0	0	20	
Iodomethane	ND	5.1						0	0	20	
Isopropylbenzene	ND	5.1						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.1						0	0	20	
MTBE	ND	5.1						0	0	20	
n-Butylbenzene	ND	5.1						0	0	20	
n-Propylbenzene	ND	5.1						0	0	20	
Naphthalene	ND	5.1						0	0	20	
o-Xylene	ND	5.1						0	0	20	
sec-Butylbenzene	ND	5.1						0	0	20	
Styrene	ND	5.1						0	0	20	
Tert-amyl methyl ether	ND	5.1						0	0	20	
Tert-Butanol	ND	100						0	0	20	
tert-Butylbenzene	ND	5.1						0	0	20	
Tetrachloroethene	21.531	5.1						18.55	14.9	20	
Toluene	ND	5.1						0	0	20	
trans-1,2-Dichloroethene	ND	5.1						0	0	20	
trans-1,3-Dichloropropene	ND	5.1						0	0	20	
Trichloroethene	ND	5.1						0	0	20	
Trichlorofluoromethane	ND	5.1						0	0	20	
Vinyl acetate	ND	5.1						0	0	20	
Vinyl chloride	ND	5.1						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	68.002		50.71		134	68	147		0	20	
Surr: 4-Bromofluorobenzene	54.178		50.71		107	67	127		0	20	
Surr: Dibromofluoromethane	61.511		50.71		121	72	141		0	20	
Surr: Toluene-d8	53.803		50.71		106	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

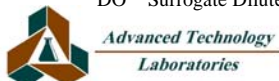
TestCode: 8260_S_5035

Sample ID: K090422LC3	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108389						
Client ID: LCSS	Batch ID: K09VS062	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.010	5.0	50.00	0	122	70	130				
Benzene	107.110	5.0	100.0	0	107	70	130				
Chlorobenzene	48.480	5.0	50.00	0	97.0	70	130				
MTBE	49.570	5.0	50.00	0	99.1	70	130				
Toluene	100.880	5.0	100.0	0	101	70	130				
Trichloroethene	50.120	5.0	50.00	0	100	70	130				
Surr: 1,2-Dichloroethane-d4	50.820		50.00		102	68	147				
Surr: 4-Bromofluorobenzene	52.680		50.00		105	67	127				
Surr: Dibromofluoromethane	53.120		50.00		106	72	141				
Surr: Toluene-d8	56.050		50.00		112	75	120				

Sample ID: K090422MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108389						
Client ID: PBS	Batch ID: K09VS062	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701255						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

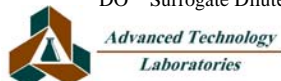
TestCode: 8260_S_5035

Sample ID: K090422MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108389
Client ID: PBS	Batch ID: K09VS062	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701255

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
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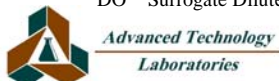
TestCode: 8260_S_5035

Sample ID: K090422MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108389		
Client ID: PBS		Batch ID: K09VS062		TestNo: EPA 8260B		Analysis Date: 4/22/2009		SeqNo: 1701255				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	52.160		50.00		104	68	147					
Surr: 4-Bromofluorobenzene	54.100		50.00		108	67	127					
Surr: Dibromofluoromethane	53.800		50.00		108	72	141					
Surr: Toluene-d8	54.620		50.00		109	75	120					

Sample ID: 105148-021C		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108389		
Client ID: 1001-107-5-S		Batch ID: K09VS062		TestNo: EPA 8260B		Analysis Date: 4/22/2009		SeqNo: 1701259				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.3						0	0	20		
1,1,1-Trichloroethane	ND	5.3						0	0	20		
1,1,2,2-Tetrachloroethane	ND	5.3						0	0	20		
1,1,2-Trichloroethane	ND	5.3						0	0	20		
1,1-Dichloroethane	ND	5.3						0	0	20		
1,1-Dichloroethene	ND	5.3						0	0	20		
1,1-Dichloropropene	ND	5.3						0	0	20		
1,2,3-Trichlorobenzene	ND	5.3						0	0	20		
1,2,3-Trichloropropane	ND	5.3						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

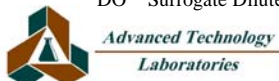
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-021C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108389						
Client ID: 1001-107-5-S	Batch ID: K09VS062	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.3						0	0	20	
1,2,4-Trimethylbenzene	ND	5.3						0	0	20	
1,2-Dibromo-3-chloropropane	ND	11						0	0	20	
1,2-Dibromoethane	ND	5.3						0	0	20	
1,2-Dichlorobenzene	ND	5.3						0	0	20	
1,2-Dichloroethane	ND	5.3						0	0	20	
1,2-Dichloropropane	ND	5.3						0	0	20	
1,3,5-Trimethylbenzene	ND	5.3						0	0	20	
1,3-Dichlorobenzene	ND	5.3						0	0	20	
1,3-Dichloropropane	ND	5.3						0	0	20	
1,4-Dichlorobenzene	ND	5.3						0	0	20	
2,2-Dichloropropane	ND	5.3						0	0	20	
2-Butanone	ND	53						0	0	20	
2-Chloroethyl vinyl ether	ND	5.3						0	0	20	
2-Chlorotoluene	ND	5.3						0	0	20	
2-Hexanone	ND	53						0	0	20	
4-Chlorotoluene	ND	5.3						0	0	20	
4-Isopropyltoluene	ND	5.3						0	0	20	
4-Methyl-2-pentanone	ND	53						0	0	20	
Acetone	ND	53						0	0	20	
Acrolein	ND	53						0	0	20	
Acrylonitrile	ND	53						0	0	20	
Benzene	ND	5.3						0	0	20	
Bromobenzene	ND	5.3						0	0	20	
Bromochloromethane	ND	5.3						0	0	20	
Bromodichloromethane	ND	5.3						0	0	20	
Bromoform	ND	5.3						0	0	20	
Bromomethane	ND	5.3						0	0	20	
Carbon disulfide	ND	5.3						0	0	20	
Carbon tetrachloride	ND	5.3						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

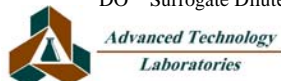
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-021C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108389						
Client ID: 1001-107-5-S	Batch ID: K09VS062	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.3						0	0	20	
Chloroethane	ND	5.3						0	0	20	
Chloroform	ND	5.3						0	0	20	
Chloromethane	ND	5.3						0	0	20	
cis-1,2-Dichloroethene	ND	5.3						0	0	20	
cis-1,3-Dichloropropene	ND	5.3						0	0	20	
Cyclohexanone	ND	53						0	0	20	
Di-isopropyl ether	ND	5.3						0	0	20	
Dibromochloromethane	ND	5.3						0	0	20	
Dibromomethane	ND	5.3						0	0	20	
Dichlorodifluoromethane	ND	5.3						0	0	20	
Ethyl Acetate	ND	53						0	0	20	
Ethyl Ether	ND	53						0	0	20	
Ethyl Tert-butyl ether	ND	5.3						0	0	20	
Ethylbenzene	ND	5.3						0	0	20	
Freon-113	ND	5.3						0	0	20	
Hexachlorobutadiene	ND	5.3						0	0	20	
Iodomethane	ND	5.3						0	0	20	
Isopropylbenzene	ND	5.3						0	0	20	
m,p-Xylene	ND	11						0	0	20	
Methylene chloride	ND	5.3						0	0	20	
MTBE	ND	5.3						0	0	20	
n-Butylbenzene	ND	5.3						0	0	20	
n-Propylbenzene	ND	5.3						0	0	20	
Naphthalene	ND	5.3						0	0	20	
o-Xylene	ND	5.3						0	0	20	
sec-Butylbenzene	ND	5.3						0	0	20	
Styrene	ND	5.3						0	0	20	
Tert-amyl methyl ether	ND	5.3						0	0	20	
Tert-Butanol	ND	110						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

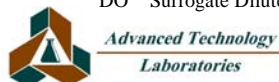
TestCode: 8260_S_5035

Sample ID: 105148-021C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108389						
Client ID: 1001-107-5-S	Batch ID: K09VS062	TestNo: EPA 8260B	Analysis Date: 4/22/2009	SeqNo: 1701259							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	5.3						0	0	20	
Tetrachloroethene	ND	5.3						0	0	20	
Toluene	ND	5.3						0	0	20	
trans-1,2-Dichloroethene	ND	5.3						0	0	20	
trans-1,3-Dichloropropene	ND	5.3						0	0	20	
Trichloroethene	ND	5.3						0	0	20	
Trichlorofluoromethane	ND	5.3						0	0	20	
Vinyl acetate	ND	53						0	0	20	
Vinyl chloride	ND	5.3						0	0	20	
Xylenes, Total	ND	16						0	0	20	
Surr: 1,2-Dichloroethane-d4	63.768		52.63		121	68	147		0	20	
Surr: 4-Bromofluorobenzene	58.853		52.63		112	67	127		0	20	
Surr: Dibromofluoromethane	62.547		52.63		119	72	141		0	20	
Surr: Toluene-d8	56.284		52.63		107	75	120		0	20	

Sample ID: 105172-004AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108389						
Client ID: ZZZZZZ	Batch ID: K09VS062	TestNo: EPA 8260B	Analysis Date: 4/22/2009	SeqNo: 1701261							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	52.610	5.0	50.00	0	105	70	130				
Benzene	92.500	5.0	100.0	1.000	91.5	70	130				
Chlorobenzene	42.570	5.0	50.00	0	85.1	70	130				
Toluene	85.680	5.0	100.0	0	85.7	70	130				
Trichloroethene	44.660	5.0	50.00	0	89.3	70	130				
Surr: 1,2-Dichloroethane-d4	52.790		50.00		106	68	147				
Surr: 4-Bromofluorobenzene	52.140		50.00		104	67	127				
Surr: Dibromofluoromethane	54.860		50.00		110	72	141				
Surr: Toluene-d8	53.420		50.00		107	75	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

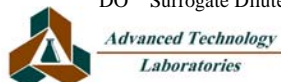
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105172-004AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108389						
Client ID: ZZZZZZ	Batch ID: K09VS062	TestNo: EPA 8260B	Analysis Date: 4/22/2009	SeqNo: 1701262							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.380	5.0	50.00	0	117	70	130	52.61	10.4	20	
Benzene	97.870	5.0	100.0	1.000	96.9	70	130	92.50	5.64	20	
Chlorobenzene	43.190	5.0	50.00	0	86.4	70	130	42.57	1.45	20	
Toluene	89.150	5.0	100.0	0	89.2	70	130	85.68	3.97	20	
Trichloroethene	46.280	5.0	50.00	0	92.6	70	130	44.66	3.56	20	
Surr: 1,2-Dichloroethane-d4	47.180		50.00		94.4	68	147		0	20	
Surr: 4-Bromofluorobenzene	52.560		50.00		105	67	127		0	20	
Surr: Dibromofluoromethane	51.240		50.00		102	72	141		0	20	
Surr: Toluene-d8	52.350		50.00		105	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

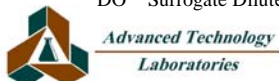
TestCode: 8260_S_5035

Sample ID: T090422LC3		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108392		
Client ID: LCSS		Batch ID: T09VS105		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1700624		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	47.210	5.0	50.00	0	94.4	70	130					
Benzene	101.590	5.0	100.0	0	102	70	130					
Chlorobenzene	47.440	5.0	50.00	0	94.9	70	130					
MTBE	46.230	5.0	50.00	0	92.5	70	130					
Toluene	104.090	5.0	100.0	0	104	70	130					
Trichloroethene	42.700	5.0	50.00	0	85.4	70	130					
Surr: 1,2-Dichloroethane-d4	48.130		50.00		96.3	68	147					
Surr: 4-Bromofluorobenzene	48.090		50.00		96.2	67	127					
Surr: Dibromofluoromethane	53.040		50.00		106	72	141					
Surr: Toluene-d8	57.230		50.00		114	75	120					

Sample ID: T090422MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108392		
Client ID: PBS		Batch ID: T09VS105		TestNo: EPA 8260B				Analysis Date: 4/22/2009		SeqNo: 1701125		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.0										
1,1,1-Trichloroethane	ND	5.0										
1,1,2,2-Tetrachloroethane	ND	5.0										
1,1,2-Trichloroethane	ND	5.0										
1,1-Dichloroethane	ND	5.0										
1,1-Dichloroethene	ND	5.0										
1,1-Dichloropropene	ND	5.0										
1,2,3-Trichlorobenzene	ND	5.0										
1,2,3-Trichloropropane	ND	5.0										
1,2,4-Trichlorobenzene	ND	5.0										
1,2,4-Trimethylbenzene	ND	5.0										
1,2-Dibromo-3-chloropropane	ND	10										
1,2-Dibromoethane	ND	5.0										
1,2-Dichlorobenzene	ND	5.0										
1,2-Dichloroethane	ND	5.0										

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

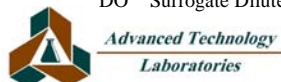
TestCode: 8260_S_5035

Sample ID: T090422MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108392
Client ID: PBS	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701125

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

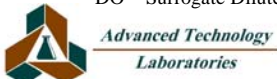
TestCode: 8260_S_5035

Sample ID: T090422MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108392						
Client ID: PBS	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701125						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	47.390		50.00		94.8	68	147				
Surr: 4-Bromofluorobenzene	49.910		50.00		99.8	67	127				
Surr: Dibromofluoromethane	51.440		50.00		103	72	141				
Surr: Toluene-d8	56.090		50.00		112	75	120				

Sample ID: 105148-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108392						
Client ID: 1001-108-5-S	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	4.9						0	0	20	
1,1,1-Trichloroethane	ND	4.9						0	0	20	
1,1,2,2-Tetrachloroethane	ND	4.9						0	0	20	
1,1,2-Trichloroethane	ND	4.9						0	0	20	
1,1-Dichloroethane	ND	4.9						0	0	20	
1,1-Dichloroethene	ND	4.9						0	0	20	
1,1-Dichloropropene	ND	4.9						0	0	20	
1,2,3-Trichlorobenzene	ND	4.9						0	0	20	
1,2,3-Trichloropropane	ND	4.9						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

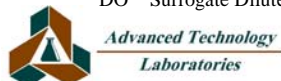
TestCode: 8260_S_5035

Sample ID: 105148-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108392
Client ID: 1001-108-5-S	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701136

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	4.9						0	0	20	
1,2,4-Trimethylbenzene	ND	4.9						0	0	20	
1,2-Dibromo-3-chloropropane	ND	9.7						0	0	20	
1,2-Dibromoethane	ND	4.9						0	0	20	
1,2-Dichlorobenzene	ND	4.9						0	0	20	
1,2-Dichloroethane	ND	4.9						0	0	20	
1,2-Dichloropropane	ND	4.9						0	0	20	
1,3,5-Trimethylbenzene	ND	4.9						0	0	20	
1,3-Dichlorobenzene	ND	4.9						0	0	20	
1,3-Dichloropropane	ND	4.9						0	0	20	
1,4-Dichlorobenzene	ND	4.9						0	0	20	
2,2-Dichloropropane	ND	4.9						0	0	20	
2-Butanone	ND	49						0	0	20	
2-Chloroethyl vinyl ether	ND	4.9						0	0	20	
2-Chlorotoluene	ND	4.9						0	0	20	
2-Hexanone	ND	49						0	0	20	
4-Chlorotoluene	ND	4.9						0	0	20	
4-Isopropyltoluene	ND	4.9						0	0	20	
4-Methyl-2-pentanone	ND	49						0	0	20	
Acetone	ND	49						0	0	20	
Acrolein	ND	49						0	0	20	
Acrylonitrile	ND	49						0	0	20	
Benzene	ND	4.9						0	0	20	
Bromobenzene	ND	4.9						0	0	20	
Bromochloromethane	ND	4.9						0	0	20	
Bromodichloromethane	ND	4.9						0	0	20	
Bromoform	ND	4.9						0	0	20	
Bromomethane	ND	4.9						0	0	20	
Carbon disulfide	ND	4.9						0	0	20	
Carbon tetrachloride	ND	4.9						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

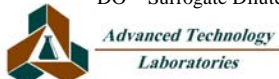
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108392						
Client ID: 1001-108-5-S	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	4.9						0	0	20	
Chloroethane	ND	4.9						0	0	20	
Chloroform	ND	4.9						0	0	20	
Chloromethane	ND	4.9						0	0	20	
cis-1,2-Dichloroethene	ND	4.9						0	0	20	
cis-1,3-Dichloropropene	ND	4.9						0	0	20	
Cyclohexanone	ND	49						0	0	20	
Di-isopropyl ether	ND	4.9						0	0	20	
Dibromochloromethane	ND	4.9						0	0	20	
Dibromomethane	ND	4.9						0	0	20	
Dichlorodifluoromethane	ND	4.9						0	0	20	
Ethyl Acetate	ND	49						0	0	20	
Ethyl Ether	ND	49						0	0	20	
Ethyl Tert-butyl ether	ND	4.9						0	0	20	
Ethylbenzene	ND	4.9						0	0	20	
Freon-113	ND	4.9						0	0	20	
Hexachlorobutadiene	ND	4.9						0	0	20	
Iodomethane	ND	4.9						0	0	20	
Isopropylbenzene	ND	4.9						0	0	20	
m,p-Xylene	ND	9.7						0	0	20	
Methylene chloride	ND	4.9						0	0	20	
MTBE	ND	4.9						0	0	20	
n-Butylbenzene	ND	4.9						0	0	20	
n-Propylbenzene	ND	4.9						0	0	20	
Naphthalene	ND	4.9						0	0	20	
o-Xylene	ND	4.9						0	0	20	
sec-Butylbenzene	ND	4.9						0	0	20	
Styrene	ND	4.9						0	0	20	
Tert-amyl methyl ether	ND	4.9						0	0	20	
Tert-Butanol	ND	97						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

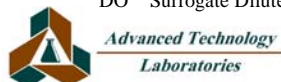
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105148-011C	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108392						
Client ID: 1001-108-5-S	Batch ID: T09VS105	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	4.9						0	0	20	
Tetrachloroethene	ND	4.9						0	0	20	
Toluene	ND	4.9						0	0	20	
trans-1,2-Dichloroethene	ND	4.9						0	0	20	
trans-1,3-Dichloropropene	ND	4.9						0	0	20	
Trichloroethene	ND	4.9						0	0	20	
Trichlorofluoromethane	ND	4.9						0	0	20	
Vinyl acetate	ND	49						0	0	20	
Vinyl chloride	ND	4.9						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	54.757		48.54		113	68	147		0	20	
Surr: 4-Bromofluorobenzene	51.019		48.54		105	67	127		0	20	
Surr: Dibromofluoromethane	54.612		48.54		113	72	141		0	20	
Surr: Toluene-d8	57.058		48.54		118	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

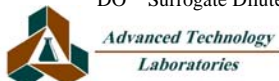
Sample ID: T090423LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: LCSS	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701973						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.920	5.0	50.00	0	99.8	70	130				
Benzene	104.690	5.0	100.0	0	105	70	130				
Chlorobenzene	50.000	5.0	50.00	0	100	70	130				
MTBE	51.770	5.0	50.00	0	104	70	130				
Toluene	107.750	5.0	100.0	0	108	70	130				
Trichloroethene	45.220	5.0	50.00	0	90.4	70	130				
Surr: 1,2-Dichloroethane-d4	48.140		50.00		96.3	68	147				
Surr: 4-Bromofluorobenzene	51.050		50.00		102	67	127				
Surr: Dibromofluoromethane	50.770		50.00		102	72	141				
Surr: Toluene-d8	55.970		50.00		112	75	120				

Sample ID: 105191-002AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701974						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.530	5.0	50.00	0	91.1	70	130				
Benzene	95.310	5.0	100.0	0	95.3	70	130				
Chlorobenzene	44.850	5.0	50.00	0	89.7	70	130				
Toluene	97.110	5.0	100.0	0	97.1	70	130				
Trichloroethene	40.840	5.0	50.00	0	81.7	70	130				
Surr: 1,2-Dichloroethane-d4	47.180		50.00		94.4	68	147				
Surr: 4-Bromofluorobenzene	48.470		50.00		96.9	67	127				
Surr: Dibromofluoromethane	49.440		50.00		98.9	72	141				
Surr: Toluene-d8	54.200		50.00		108	75	120				

Sample ID: 105191-002AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701975						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.910	5.0	50.00	0	99.8	70	130	45.53	9.18	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

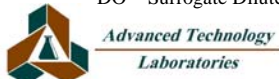
TestCode: 8260_S_5035

Sample ID: 105191-002AMSD		SampType: MSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108434	
Client ID: ZZZZZ		Batch ID: T09VS106		TestNo: EPA 8260B		Analysis Date: 4/23/2009				SeqNo: 1701975	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	104.420	5.0	100.0	0	104	70	130	95.31	9.12	20	
Chlorobenzene	49.330	5.0	50.00	0	98.7	70	130	44.85	9.51	20	
Toluene	106.110	5.0	100.0	0	106	70	130	97.11	8.86	20	
Trichloroethene	45.350	5.0	50.00	0	90.7	70	130	40.84	10.5	20	
Surr: 1,2-Dichloroethane-d4	44.150		50.00		88.3	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.740		50.00		95.5	67	127		0	20	
Surr: Dibromofluoromethane	48.230		50.00		96.5	72	141		0	20	
Surr: Toluene-d8	53.450		50.00		107	75	120		0	20	

Sample ID: T090423MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108434	
Client ID: PBS		Batch ID: T09VS106		TestNo: EPA 8260B		Analysis Date: 4/23/2009				SeqNo: 1701976	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

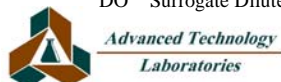
TestCode: 8260_S_5035

Sample ID: T090423MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434
Client ID: PBS	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701976

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

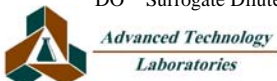
TestCode: 8260_S_5035

Sample ID: T090423MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: PBS	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701976							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	45.560		50.00		91.1	68	147				
Surr: 4-Bromofluorobenzene	48.250		50.00		96.5	67	127				
Surr: Dibromofluoromethane	47.800		50.00		95.6	72	141				
Surr: Toluene-d8	53.240		50.00		106	75	120				

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701978							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
 Work Order: 105148
 Project: 207126015

ANALYTICAL QC SUMMARY REPORT

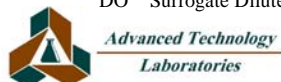
TestCode: 8260_S_5035

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434
Client ID: ZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701978

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

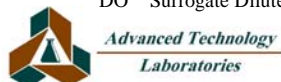
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	45.710		50.00		91.4	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.000		50.00		94.0	67	127		0	20	
Surr: Dibromofluoromethane	49.060		50.00		98.1	72	141		0	20	
Surr: Toluene-d8	52.990		50.00		106	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

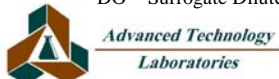
Sample ID: Q090422LCS1	SampType: LCS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: LCSW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701556						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.470	5.0	20.00	0	92.4	70	130				
Benzene	40.010	5.0	40.00	0	100	70	130				
Chlorobenzene	21.630	5.0	20.00	0	108	70	130				
MTBE	19.050	5.0	20.00	0	95.2	70	130				
Toluene	39.710	5.0	40.00	0	99.3	70	130				
Trichloroethene	17.240	5.0	20.00	0	86.2	70	130				
Surr: 1,2-Dichloroethane-d4	20.990		25.00		84.0	70	130				
Surr: 4-Bromofluorobenzene	26.320		25.00		105	70	130				
Surr: Dibromofluoromethane	23.820		25.00		95.3	70	130				
Surr: Toluene-d8	24.220		25.00		96.9	70	130				

Sample ID: Q090422MB2MS	SampType: MS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701557						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.560	5.0	20.00	0	97.8	70	130				
Benzene	39.550	5.0	40.00	0	98.9	70	130				
Chlorobenzene	21.100	5.0	20.00	0	106	70	130				
Toluene	40.570	5.0	40.00	0	101	70	130				
Trichloroethene	17.640	5.0	20.00	0	88.2	70	130				
Surr: 1,2-Dichloroethane-d4	20.900		25.00		83.6	70	130				
Surr: 4-Bromofluorobenzene	26.200		25.00		105	70	130				
Surr: Dibromofluoromethane	23.100		25.00		92.4	70	130				
Surr: Toluene-d8	24.020		25.00		96.1	70	130				

Sample ID: Q090422MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.150	5.0	20.00	0	95.8	70	130	19.56	2.12	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

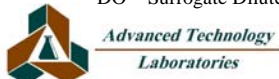
TestCode: 8260_WP

Sample ID: Q090422MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: ZZZZZ	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.910	5.0	40.00	0	99.8	70	130	39.55	0.906	20	
Chlorobenzene	20.870	5.0	20.00	0	104	70	130	21.10	1.10	20	
Toluene	39.260	5.0	40.00	0	98.2	70	130	40.57	3.28	20	
Trichloroethene	17.610	5.0	20.00	0	88.0	70	130	17.64	0.170	20	
Surr: 1,2-Dichloroethane-d4	20.310		25.00		81.2	70	130		0	20	
Surr: 4-Bromofluorobenzene	25.510		25.00		102	70	130		0	20	
Surr: Dibromofluoromethane	23.250		25.00		93.0	70	130		0	20	
Surr: Toluene-d8	23.480		25.00		93.9	70	130		0	20	

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

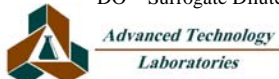
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

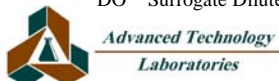
TestCode: 8260_WP

Sample ID: Q090422MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: PBW	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	22.260		25.00		89.0	70	130				
Surr: 4-Bromofluorobenzene	26.840		25.00		107	70	130				
Surr: Dibromofluoromethane	23.450		25.00		93.8	70	130				
Surr: Toluene-d8	23.280		25.00		93.1	70	130				

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: QCEB	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

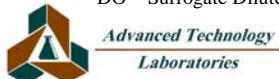
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: QCEB	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	5.0						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chloroethyl vinyl ether	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
2-Hexanone	ND	50						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
4-Methyl-2-pentanone	ND	50						0	0	20	
Acetone	ND	50						0	0	20	
Acrolein	ND	50						0	0	20	
Acrylonitrile	ND	50						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromochloromethane	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon disulfide	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

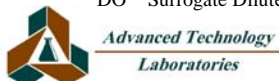
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: QCEB	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Cyclohexanone	ND	50						0	0	20	
Di-isopropyl ether	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethyl Acetate	ND	50						0	0	20	
Ethyl Ether	ND	50						0	0	20	
Ethyl tert-butyl ether	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Iodomethane	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
Tert-amyl methyl ether	ND	5.0						0	0	20	
Tert-Butanol	ND	100						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

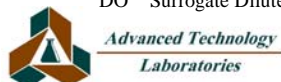
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105148-024F	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108404						
Client ID: QCEB	Batch ID: Q09VW081	TestNo: EPA 8260B		Analysis Date: 4/22/2009	SeqNo: 1701562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
trans-1,3-Dichloropropene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl acetate	ND	50						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	23.040		25.00		92.2	70	130		0	20	
Surr: 4-Bromofluorobenzene	27.210		25.00		109	70	130		0	20	
Surr: Dibromofluoromethane	24.600		25.00		98.4	70	130		0	20	
Surr: Toluene-d8	22.910		25.00		91.6	70	130		0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

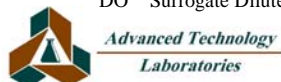
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

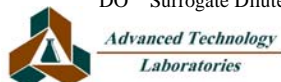
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

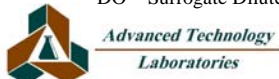
TestCode: 8270_S_FULL

Sample ID: MB-54926	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: PBS	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2937.667		3330		88.2	49	103				
Surr: 2,4,6-Tribromophenol	2628.000		3330		78.9	47	129				
Surr: 2-Chlorophenol-d4	3056.333		3330		91.8	54	109				
Surr: 2-Fluorobiphenyl	3235.667		3330		97.2	59	108				
Surr: 2-Fluorophenol	3030.333		3330		91.0	50	111				
Surr: 4-Terphenyl-d14	4446.000		3330		134	58	135				
Surr: Nitrobenzene-d5	3080.000		3330		92.5	54	115				
Surr: Phenol-d5	3089.333		3330		92.8	58	112				

Sample ID: LCS-54926	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: LCSS	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3240.000	330	3330	0	97.3	61	107				
1,4-Dichlorobenzene	3026.333	330	3330	0	90.9	56	100				
2,4-Dinitrotoluene	3481.333	330	3330	0	105	72	130				
2-Chlorophenol	3200.333	330	3330	0	96.1	64	105				
4-Chloro-3-methylphenol	3658.667	660	3330	0	110	74	125				
4-Nitrophenol	3501.000	1600	3330	0	105	77	137				
Acenaphthene	3461.333	330	3330	0	104	63	117				
N-Nitrosodi-n-propylamine	3391.000	330	3330	0	102	71	121				
Pentachlorophenol	3145.333	1600	3330	0	94.5	69	125				
Phenol	3324.333	330	3330	0	99.8	67	111				
Pyrene	3285.000	330	3330	0	98.6	60	122				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

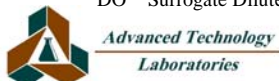
TestCode: 8270_S_FULL

Sample ID: LCS-54926	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: LCSS	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	2959.667		3330		88.9	49	103				
Surr: 2,4,6-Tribromophenol	3157.333		3330		94.8	47	129				
Surr: 2-Chlorophenol-d4	3033.000		3330		91.1	54	109				
Surr: 2-Fluorobiphenyl	3492.667		3330		105	59	108				
Surr: 2-Fluorophenol	2880.333		3330		86.5	50	111				
Surr: 4-Terphenyl-d14	3647.333		3330		110	58	135				
Surr: Nitrobenzene-d5	3123.333		3330		93.8	54	115				
Surr: Phenol-d5	3064.000		3330		92.0	58	112				

Sample ID: 105139-032AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: ZZZZZZ	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3219.667	330	3330	0	96.7	60	105				
1,4-Dichlorobenzene	2879.000	330	3330	0	86.5	50	99				
2,4-Dinitrotoluene	3671.000	330	3330	0	110	70	130				
2-Chlorophenol	3339.000	330	3330	0	100	58	107				
4-Chloro-3-methylphenol	3749.333	660	3330	0	113	72	124				
4-Nitrophenol	3638.000	1600	3330	0	109	69	139				
Acenaphthene	3465.000	330	3330	0	104	59	118				
N-Nitrosodi-n-propylamine	3387.000	330	3330	0	102	61	125				
Pentachlorophenol	3142.667	1600	3330	0	94.4	56	131				
Phenol	3426.667	330	3330	178.3	97.5	60	113				
Pyrene	3380.333	330	3330	0	102	51	130				
Surr: 1,2-Dichlorobenzene-d4	2819.000		3330		84.7	49	103				
Surr: 2,4,6-Tribromophenol	3317.333		3330		99.6	47	129				
Surr: 2-Chlorophenol-d4	3081.667		3330		92.5	54	109				
Surr: 2-Fluorobiphenyl	3489.667		3330		105	59	108				
Surr: 2-Fluorophenol	2946.000		3330		88.5	50	111				
Surr: 4-Terphenyl-d14	3944.333		3330		118	58	135				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

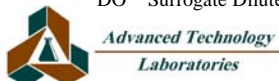
TestCode: 8270_S_FULL

Sample ID: 105139-032AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: ZZZZZ	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	3004.000		3330		90.2	54	115				
Surr: Phenol-d5	3121.667		3330		93.7	58	112				

Sample ID: 105139-032AMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: ZZZZZ	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701108						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3298.000	330	3330	0	99.0	60	105	3220	2.40	20	
1,4-Dichlorobenzene	2945.000	330	3330	0	88.4	50	99	2879	2.27	20	
2,4-Dinitrotoluene	3692.000	330	3330	0	111	70	130	3671	0.570	20	
2-Chlorophenol	3359.667	330	3330	0	101	58	107	3339	0.617	20	
4-Chloro-3-methylphenol	3783.000	660	3330	0	114	72	124	3749	0.894	20	
4-Nitrophenol	3638.333	1600	3330	0	109	69	139	3638	0.00916	20	
Acenaphthene	3527.000	330	3330	0	106	59	118	3465	1.77	20	
N-Nitrosodi-n-propylamine	3397.333	330	3330	0	102	61	125	3387	0.305	20	
Pentachlorophenol	3167.333	1600	3330	0	95.1	56	131	3143	0.782	20	
Phenol	3446.000	330	3330	178.3	98.1	60	113	3427	0.563	20	
Pyrene	3407.667	330	3330	0	102	51	130	3380	0.805	20	
Surr: 1,2-Dichlorobenzene-d4	2867.667		3330		86.1	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3360.333		3330		101	47	129		0	0	
Surr: 2-Chlorophenol-d4	3124.000		3330		93.8	54	109		0	0	
Surr: 2-Fluorobiphenyl	3515.000		3330		106	59	108		0	0	
Surr: 2-Fluorophenol	2987.333		3330		89.7	50	111		0	0	
Surr: 4-Terphenyl-d14	3971.000		3330		119	58	135		0	0	
Surr: Nitrobenzene-d5	3117.667		3330		93.6	54	115		0	0	
Surr: Phenol-d5	3163.000		3330		95.0	58	112		0	0	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

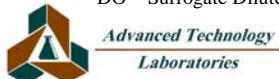
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP		SampType: DUP		TestCode: 8270_S_FULL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108422	
Client ID: ZZZZZ		Batch ID: 54926		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702819			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330						0	0	20	
1,2-Dichlorobenzene	ND	330						0	0	20	
1,3-Dichlorobenzene	ND	330						0	0	20	
1,4-Dichlorobenzene	ND	330						0	0	20	
2,4,5-Trichlorophenol	ND	330						0	0	20	
2,4,6-Trichlorophenol	ND	330						0	0	20	
2,4-Dichlorophenol	ND	1600						0	0	20	
2,4-Dimethylphenol	ND	330						0	0	20	
2,4-Dinitrophenol	ND	1600						0	0	20	
2,4-Dinitrotoluene	ND	330						0	0	20	
2,6-Dinitrotoluene	ND	330						0	0	20	
2-Chloronaphthalene	ND	330						0	0	20	
2-Chlorophenol	ND	330						0	0	20	
2-Methylnaphthalene	ND	330						0	0	20	
2-Methylphenol	ND	330						0	0	20	
2-Nitroaniline	ND	1600						0	0	20	
2-Nitrophenol	ND	330						0	0	20	
3,3'-Dichlorobenzidine	ND	660						0	0	20	
3-Nitroaniline	ND	1600						0	0	20	
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20	
4-Bromophenyl-phenylether	ND	330						0	0	20	
4-Chloro-3-methylphenol	ND	660						0	0	20	
4-Chloroaniline	ND	660						0	0	20	
4-Chlorophenyl-phenylether	ND	330						0	0	20	
4-Methylphenol	ND	330						0	0	20	
4-Nitroaniline	ND	1600						0	0	20	
4-Nitrophenol	ND	1600						0	0	20	
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

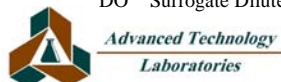
TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422
Client ID: ZZZZZZ	Batch ID: 54926	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/24/2009	SeqNo: 1702819

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

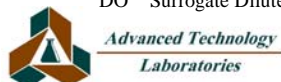
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105139-027ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108422						
Client ID: ZZZZZZ	Batch ID: 54926	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009	SeqNo: 1702819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						537.7	0	20	
Pyrene	ND	330						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2811.667		3330		84.4	49	103		0	0	
Surr: 2,4,6-Tribromophenol	2886.333		3330		86.7	47	129		0	0	
Surr: 2-Chlorophenol-d4	3013.333		3330		90.5	54	109		0	0	
Surr: 2-Fluorobiphenyl	3383.333		3330		102	59	108		0	0	
Surr: 2-Fluorophenol	2956.667		3330		88.8	50	111		0	0	
Surr: 4-Terphenyl-d14	4393.333		3330		132	58	135		0	0	
Surr: Nitrobenzene-d5	3071.667		3330		92.2	54	115		0	0	
Surr: Phenol-d5	3152.667		3330		94.7	58	112		0	0	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

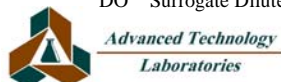
TestCode: 8270_S_FULL

Sample ID: MB-54928	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467
Client ID: PBS	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701952

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

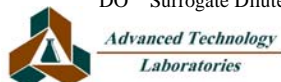
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54928	SampType: MBLK	TestCode: 8270_S_FULL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: PBS	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701952						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

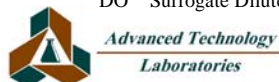
TestCode: 8270_S_FULL

Sample ID: MB-54928	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: PBS	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701952						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2772.333		3330		83.3	49	103				
Surr: 2,4,6-Tribromophenol	3002.667		3330		90.2	47	129				
Surr: 2-Chlorophenol-d4	2853.000		3330		85.7	54	109				
Surr: 2-Fluorobiphenyl	3021.333		3330		90.7	59	108				
Surr: 2-Fluorophenol	2899.333		3330		87.1	50	111				
Surr: 4-Terphenyl-d14	3519.333		3330		106	58	135				
Surr: Nitrobenzene-d5	3346.333		3330		100	54	115				
Surr: Phenol-d5	2991.333		3330		89.8	58	112				

Sample ID: LCS-54928	SampType: LCS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: LCSS	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701952						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3227.333	330	3330	0	96.9	61	107				
1,4-Dichlorobenzene	2840.667	330	3330	0	85.3	56	100				
2,4-Dinitrotoluene	3410.333	330	3330	0	102	72	130				
2-Chlorophenol	2991.333	330	3330	0	89.8	64	105				
4-Chloro-3-methylphenol	3560.333	660	3330	0	107	74	125				
4-Nitrophenol	4124.667	1600	3330	0	124	77	137				
Acenaphthene	3321.333	330	3330	0	99.7	63	117				
N-Nitrosodi-n-propylamine	3453.333	330	3330	0	104	71	121				
Pentachlorophenol	3524.000	1600	3330	0	106	69	125				
Phenol	3187.000	330	3330	0	95.7	67	111				
Pyrene	3170.667	330	3330	0	95.2	60	122				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

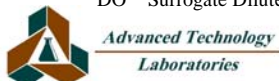
TestCode: 8270_S_FULL

Sample ID: LCS-54928		SampType: LCS		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108467	
Client ID: LCSS		Batch ID: 54928		TestNo: EPA 8270C EPA 3550B				Analysis Date: 4/23/2009		SeqNo: 1701953	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	2734.667		3330		82.1	49	103				
Surr: 2,4,6-Tribromophenol	3529.333		3330		106	47	129				
Surr: 2-Chlorophenol-d4	2797.000		3330		84.0	54	109				
Surr: 2-Fluorobiphenyl	3278.000		3330		98.4	59	108				
Surr: 2-Fluorophenol	2807.000		3330		84.3	50	111				
Surr: 4-Terphenyl-d14	3116.667		3330		93.6	58	135				
Surr: Nitrobenzene-d5	3293.000		3330		98.9	54	115				
Surr: Phenol-d5	2949.333		3330		88.6	58	112				

Sample ID: 105148-005AMS		SampType: MS		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108467	
Client ID: 1001-110-20-S		Batch ID: 54928		TestNo: EPA 8270C EPA 3550B				Analysis Date: 4/23/2009		SeqNo: 1701954	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2973.000	330	3330	0	89.3	60	105				
1,4-Dichlorobenzene	2544.667	330	3330	0	76.4	50	99				
2,4-Dinitrotoluene	3280.667	330	3330	0	98.5	70	130				
2-Chlorophenol	2807.333	330	3330	0	84.3	58	107				
4-Chloro-3-methylphenol	3412.000	660	3330	0	102	72	124				
4-Nitrophenol	3886.667	1600	3330	0	117	69	139				
Acenaphthene	3134.000	330	3330	0	94.1	59	118				
N-Nitrosodi-n-propylamine	3363.000	330	3330	0	101	61	125				
Pentachlorophenol	3268.000	1600	3330	0	98.1	56	131				
Phenol	3076.000	330	3330	165.0	87.4	60	113				
Pyrene	3084.000	330	3330	0	92.6	51	130				
Surr: 1,2-Dichlorobenzene-d4	2438.000		3330		73.2	49	103				
Surr: 2,4,6-Tribromophenol	3268.333		3330		98.1	47	129				
Surr: 2-Chlorophenol-d4	2610.000		3330		78.4	54	109				
Surr: 2-Fluorobiphenyl	2956.667		3330		88.8	59	108				
Surr: 2-Fluorophenol	2625.000		3330		78.8	50	111				
Surr: 4-Terphenyl-d14	3062.333		3330		92.0	58	135				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

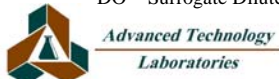
TestCode: 8270_S_FULL

Sample ID: 105148-005AMS	SampType: MS	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: 1001-110-20-S	Batch ID: 54928	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	3016.667		3330		90.6	54	115				
Surr: Phenol-d5	2754.667		3330		82.7	58	112				

Sample ID: 105148-005AMSD	SampType: MSD	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: 1001-110-20-S	Batch ID: 54928	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/23/2009	SeqNo: 1701955						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3165.667	330	3330	0	95.1	60	105	2973	6.28	20	
1,4-Dichlorobenzene	2699.667	330	3330	0	81.1	50	99	2545	5.91	20	
2,4-Dinitrotoluene	3459.333	330	3330	0	104	70	130	3281	5.30	20	
2-Chlorophenol	3078.667	330	3330	0	92.5	58	107	2807	9.22	20	
4-Chloro-3-methylphenol	3641.667	660	3330	0	109	72	124	3412	6.51	20	
4-Nitrophenol	4011.333	1600	3330	0	120	69	139	3887	3.16	20	
Acenaphthene	3308.333	330	3330	0	99.3	59	118	3134	5.41	20	
N-Nitrosodi-n-propylamine	3557.000	330	3330	0	107	61	125	3363	5.61	20	
Pentachlorophenol	3454.000	1600	3330	0	104	56	131	3268	5.53	20	
Phenol	3304.667	330	3330	165.0	94.3	60	113	3076	7.17	20	
Pyrene	3255.000	330	3330	0	97.7	51	130	3084	5.40	20	
Surr: 1,2-Dichlorobenzene-d4	2603.000		3330		78.2	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3460.000		3330		104	47	129		0	0	
Surr: 2-Chlorophenol-d4	2875.333		3330		86.3	54	109		0	0	
Surr: 2-Fluorobiphenyl	3219.000		3330		96.7	59	108		0	0	
Surr: 2-Fluorophenol	2847.333		3330		85.5	50	111		0	0	
Surr: 4-Terphenyl-d14	3291.667		3330		98.8	58	135		0	0	
Surr: Nitrobenzene-d5	3245.667		3330		97.5	54	115		0	0	
Surr: Phenol-d5	3002.333		3330		90.2	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

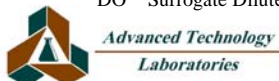
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-010ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/22/2009		RunNo: 108467		
Client ID: 1001-108-2-S		Batch ID: 54928		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009		SeqNo: 1701961				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,2,4-Trichlorobenzene	ND	330						0	0	20		
1,2-Dichlorobenzene	ND	330						0	0	20		
1,2-Diphenylhydrazine	ND	330						0	0	20		
1,3-Dichlorobenzene	ND	330						0	0	20		
1,4-Dichlorobenzene	ND	330						0	0	20		
1,4-Dioxane	ND	330						0	0	20		
2,4,5-Trichlorophenol	ND	330						0	0	20		
2,4,6-Trichlorophenol	ND	330						0	0	20		
2,4-Dichlorophenol	ND	1600						0	0	20		
2,4-Dimethylphenol	ND	330						0	0	20		
2,4-Dinitrophenol	ND	1600						0	0	20		
2,4-Dinitrotoluene	ND	330						0	0	20		
2,6-Dinitrotoluene	ND	330						0	0	20		
2-Chloronaphthalene	ND	330						0	0	20		
2-Chlorophenol	ND	330						0	0	20		
2-Methylnaphthalene	ND	330						0	0	20		
2-Methylphenol	ND	330						0	0	20		
2-Nitroaniline	ND	1600						0	0	20		
2-Nitrophenol	ND	330						0	0	20		
3,3'-Dichlorobenzidine	ND	660						0	0	20		
3-Nitroaniline	ND	1600						0	0	20		
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20		
4-Bromophenyl-phenylether	ND	330						0	0	20		
4-Chloro-3-methylphenol	ND	660						0	0	20		
4-Chloroaniline	ND	660						0	0	20		
4-Chlorophenyl-phenylether	ND	330						0	0	20		
3/4-Methylphenol	ND	330						0	0	20		
4-Methylphenol	ND	330						0	0	20		
4-Nitroaniline	ND	1600						0	0	20		
4-Nitrophenol	ND	1600						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

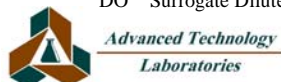
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-010ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: 1001-108-2-S	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Aniline	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	
Benzidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Carbazole	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

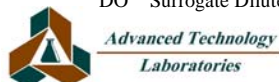
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-010ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/22/2009	RunNo: 108467						
Client ID: 1001-108-2-S	Batch ID: 54928	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/23/2009	SeqNo: 1701961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodimethylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						244.7	0	20	
Pyrene	ND	330						0	0	20	
Pyridine	ND	1600						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2381.000		3330		71.5	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3386.667		3330		102	47	129		0	0	
Surr: 2-Chlorophenol-d4	2710.667		3330		81.4	54	109		0	0	
Surr: 2-Fluorobiphenyl	2968.667		3330		89.1	59	108		0	0	
Surr: 2-Fluorophenol	2738.667		3330		82.2	50	111		0	0	
Surr: 4-Terphenyl-d14	3639.000		3330		109	58	135		0	0	
Surr: Nitrobenzene-d5	3087.000		3330		92.7	54	115		0	0	
Surr: Phenol-d5	2833.000		3330		85.1	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

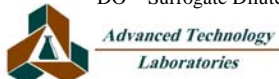
TestCode: 8270_S_FULL

Sample ID: LCS-54950		SampType: LCS		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108507	
Client ID: LCSS		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702828			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3258.667	330	3330	0	97.9	61	107				
1,4-Dichlorobenzene	2845.667	330	3330	0	85.5	56	100				
2,4-Dinitrotoluene	3604.000	330	3330	0	108	72	130				
2-Chlorophenol	2962.000	330	3330	0	88.9	64	105				
4-Chloro-3-methylphenol	3808.333	660	3330	0	114	74	125				
4-Nitrophenol	3816.333	1600	3330	0	115	77	137				
Acenaphthene	3494.667	330	3330	0	105	63	117				
N-Nitrosodi-n-propylamine	3334.333	330	3330	0	100	71	121				
Pentachlorophenol	3131.000	1600	3330	0	94.0	69	125				
Phenol	3128.333	330	3330	0	93.9	67	111				
Pyrene	3599.333	330	3330	0	108	60	122				
Surr: 1,2-Dichlorobenzene-d4	2775.333		3330		83.3	49	103				
Surr: 2,4,6-Tribromophenol	3158.000		3330		94.8	47	129				
Surr: 2-Chlorophenol-d4	2778.333		3330		83.4	54	109				
Surr: 2-Fluorobiphenyl	3261.333		3330		97.9	59	108				
Surr: 2-Fluorophenol	2580.000		3330		77.5	50	111				
Surr: 4-Terphenyl-d14	3333.000		3330		100	58	135				
Surr: Nitrobenzene-d5	3028.667		3330		91.0	54	115				
Surr: Phenol-d5	2846.333		3330		85.5	58	112				

Sample ID: 105148-023AMSD		SampType: MSD		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108507	
Client ID: 1001-107-20-S		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702828			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3480.667	330	3330	0	105	60	105	3261	6.53	20	
1,4-Dichlorobenzene	3075.667	330	3330	0	92.4	50	99	3017	1.94	20	
2,4-Dinitrotoluene	3692.333	330	3330	0	111	70	130	3700	0.207	20	
2-Chlorophenol	3284.000	330	3330	0	98.6	58	107	3328	1.33	20	
4-Chloro-3-methylphenol	3771.000	660	3330	0	113	72	124	3738	0.870	20	
4-Nitrophenol	3366.000	1600	3330	0	101	69	139	4026	17.8	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

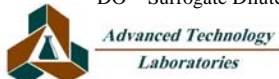
TestCode: 8270_S_FULL

Sample ID: 105148-023AMSD		SampType: MSD		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108507	
Client ID: 1001-107-20-S		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702828			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	3526.000	330	3330	0	106	59	118	3503	0.654	20	
N-Nitrosodi-n-propylamine	3407.000	330	3330	0	102	61	125	3563	4.49	20	
Pentachlorophenol	3052.333	1600	3330	0	91.7	56	131	3350	9.31	20	
Phenol	3368.667	330	3330	0	101	60	113	3480	3.26	20	
Pyrene	3671.667	330	3330	0	110	51	130	3464	5.81	20	
Surr: 1,2-Dichlorobenzene-d4	3031.667		3330		91.0	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3094.333		3330		92.9	47	129		0	0	
Surr: 2-Chlorophenol-d4	3041.333		3330		91.3	54	109		0	0	
Surr: 2-Fluorobiphenyl	3388.667		3330		102	59	108		0	0	
Surr: 2-Fluorophenol	2846.333		3330		85.5	50	111		0	0	
Surr: 4-Terphenyl-d14	3427.000		3330		103	58	135		0	0	
Surr: Nitrobenzene-d5	3129.667		3330		94.0	54	115		0	0	
Surr: Phenol-d5	3075.000		3330		92.3	58	112		0	0	

Sample ID: MB-54950		SampType: MBLK		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108507	
Client ID: PBS		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009		SeqNo: 1702829			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

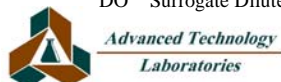
TestCode: 8270_S_FULL

Sample ID: MB-54950	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108507
Client ID: PBS	Batch ID: 54950	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009	SeqNo: 1702829

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	ND	330									
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									
Benzidine (M)	ND	1600									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	330									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
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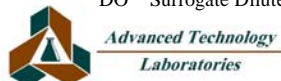
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: MB-54950	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108507						
Client ID: PBS	Batch ID: 54950	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009	SeqNo: 1702829						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	330									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorobutadiene	ND	660									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Pentachlorophenol	ND	1600									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Surr: 1,2-Dichlorobenzene-d4	2895.000		3330		86.9	49	103				
Surr: 2,4,6-Tribromophenol	2540.000		3330		76.3	47	129				
Surr: 2-Chlorophenol-d4	2888.000		3330		86.7	54	109				
Surr: 2-Fluorobiphenyl	3063.667		3330		92.0	59	108				
Surr: 2-Fluorophenol	2732.667		3330		82.1	50	111				
Surr: 4-Terphenyl-d14	3925.333		3330		118	58	135				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

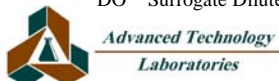
TestCode: 8270_S_FULL

Sample ID: MB-54950	SampType: MBLK	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108507						
Client ID: PBS	Batch ID: 54950	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/24/2009	SeqNo: 1702829						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	2960.667		3330		88.9	54	115				
Surr: Phenol-d5	2895.000		3330		86.9	58	112				

Sample ID: 105148-019ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108556						
Client ID: 1001-106-20D-S	Batch ID: 54950	TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/28/2009	SeqNo: 1703594						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330						0	0	20	
1,2-Dichlorobenzene	ND	330						0	0	20	
1,2-Diphenylhydrazine	ND	330						0	0	20	
1,3-Dichlorobenzene	ND	330						0	0	20	
1,4-Dichlorobenzene	ND	330						0	0	20	
1,4-Dioxane	ND	330						0	0	20	
2,4,5-Trichlorophenol	ND	330						0	0	20	
2,4,6-Trichlorophenol	ND	330						0	0	20	
2,4-Dichlorophenol	ND	1600						0	0	20	
2,4-Dimethylphenol	ND	330						0	0	20	
2,4-Dinitrophenol	ND	1600						0	0	20	
2,4-Dinitrotoluene	ND	330						0	0	20	
2,6-Dinitrotoluene	ND	330						0	0	20	
2-Chloronaphthalene	ND	330						0	0	20	
2-Chlorophenol	ND	330						0	0	20	
2-Methylnaphthalene	ND	330						0	0	20	
2-Methylphenol	ND	330						0	0	20	
2-Nitroaniline	ND	1600						0	0	20	
2-Nitrophenol	ND	330						0	0	20	
3,3'-Dichlorobenzidine	ND	660						0	0	20	
3-Nitroaniline	ND	1600						0	0	20	
4,6-Dinitro-2-methylphenol	ND	1600						0	0	20	
4-Bromophenyl-phenylether	ND	330						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

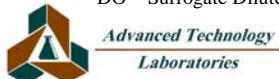
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-019ADUP		SampType: DUP		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108556	
Client ID: 1001-106-20D-S		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/28/2009		SeqNo: 1703594			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	ND	660						0	0	20	
4-Chloroaniline	ND	660						0	0	20	
4-Chlorophenyl-phenylether	ND	330						0	0	20	
3/4-Methylphenol	ND	330						0	0	20	
4-Methylphenol	ND	330						0	0	20	
4-Nitroaniline	ND	1600						0	0	20	
4-Nitrophenol	ND	1600						0	0	20	
Acenaphthene	ND	330						0	0	20	
Acenaphthylene	ND	330						0	0	20	
Aniline	ND	330						0	0	20	
Anthracene	ND	330						0	0	20	
Benzidine (M)	ND	1600						0	0	20	
Benzo(a)anthracene	ND	330						0	0	20	
Benzo(a)pyrene	ND	330						0	0	20	
Benzo(b)fluoranthene	ND	330						0	0	20	
Benzo(g,h,i)perylene	ND	330						0	0	20	
Benzo(k)fluoranthene	ND	330						0	0	20	
Benzoic acid	ND	1600						0	0	20	
Benzyl alcohol	ND	660						0	0	20	
Bis(2-chloroethoxy)methane	ND	330						0	0	20	
Bis(2-chloroethyl)ether	ND	330						0	0	20	
Bis(2-chloroisopropyl)ether	ND	330						0	0	20	
Bis(2-ethylhexyl)phthalate	ND	330						0	0	20	
Butylbenzylphthalate	ND	330						0	0	20	
Carbazole	ND	330						0	0	20	
Chrysene	ND	330						0	0	20	
Di-n-butylphthalate	ND	330						0	0	20	
Di-n-octylphthalate	ND	330						0	0	20	
Dibenz(a,h)anthracene	ND	330						0	0	20	
Dibenzofuran	ND	330						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

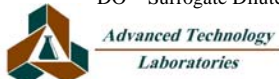
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-019ADUP	SampType: DUP	TestCode: 8270_S_FUL	Units: µg/Kg	Prep Date: 4/23/2009	RunNo: 108556						
Client ID: 1001-106-20D-S	Batch ID: 54950	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 4/28/2009	SeqNo: 1703594						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylphthalate	ND	330						0	0	20	
Dimethylphthalate	ND	330						0	0	20	
Fluoranthene	ND	330						0	0	20	
Fluorene	ND	330						0	0	20	
Hexachlorobenzene	ND	330						0	0	20	
Hexachlorobutadiene	ND	660						0	0	20	
Hexachlorocyclopentadiene	ND	660						0	0	20	
Hexachloroethane	ND	330						0	0	20	
Indeno(1,2,3-cd)pyrene	ND	330						0	0	20	
Isophorone	ND	330						0	0	20	
N-Nitrosodi-n-propylamine	ND	330						0	0	20	
N-Nitrosodimethylamine	ND	330						0	0	20	
N-Nitrosodiphenylamine	ND	330						0	0	20	
Naphthalene	ND	330						0	0	20	
Nitrobenzene	ND	330						0	0	20	
Pentachlorophenol	ND	1600						0	0	20	
Phenanthrene	ND	330						0	0	20	
Phenol	ND	330						0	0	20	
Pyrene	ND	330						0	0	20	
Pyridine	ND	1600						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	2787.667		3330		83.7	49	103		0	0	
Surr: 2,4,6-Tribromophenol	3113.000		3330		93.5	47	129		0	0	
Surr: 2-Chlorophenol-d4	2990.333		3330		89.8	54	109		0	0	
Surr: 2-Fluorobiphenyl	3275.333		3330		98.4	59	108		0	0	
Surr: 2-Fluorophenol	3059.667		3330		91.9	50	111		0	0	
Surr: 4-Terphenyl-d14	3620.667		3330		109	58	135		0	0	
Surr: Nitrobenzene-d5	3184.333		3330		95.6	54	115		0	0	
Surr: Phenol-d5	3137.667		3330		94.2	58	112		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

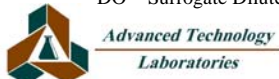
ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_FULL

Sample ID: 105148-023AMS		SampType: MS		TestCode: 8270_S_FUL		Units: µg/Kg		Prep Date: 4/23/2009		RunNo: 108556	
Client ID: 1001-107-20-S		Batch ID: 54950		TestNo: EPA 8270C EPA 3550B		Analysis Date: 4/28/2009		SeqNo: 1703771			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3260.667	330	3330	0	97.9	60	105				
1,4-Dichlorobenzene	3016.667	330	3330	0	90.6	50	99				
2,4-Dinitrotoluene	3700.000	330	3330	0	111	70	130				
2-Chlorophenol	3328.000	330	3330	0	99.9	58	107				
4-Chloro-3-methylphenol	3738.333	660	3330	0	112	72	124				
4-Nitrophenol	4025.667	1600	3330	0	121	69	139				
Acenaphthene	3503.000	330	3330	0	105	59	118				
N-Nitrosodi-n-propylamine	3563.333	330	3330	0	107	61	125				
Pentachlorophenol	3350.333	1600	3330	0	101	56	131				
Phenol	3480.333	330	3330	0	105	60	113				
Pyrene	3464.333	330	3330	0	104	51	130				
Surr: 1,2-Dichlorobenzene-d4	2951.333		3330		88.6	49	103				
Surr: 2,4,6-Tribromophenol	3333.333		3330		100	47	129				
Surr: 2-Chlorophenol-d4	3041.333		3330		91.3	54	109				
Surr: 2-Fluorobiphenyl	3400.667		3330		102	59	108				
Surr: 2-Fluorophenol	3147.333		3330		94.5	50	111				
Surr: 4-Terphenyl-d14	3381.333		3330		102	58	135				
Surr: Nitrobenzene-d5	3301.333		3330		99.1	54	115				
Surr: Phenol-d5	3156.333		3330		94.8	58	112				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

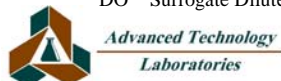
TestCode: 8270_W_FULL

Sample ID: MB-54957	SampType: MBLK	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532
Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3'-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

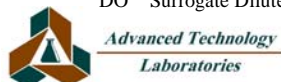
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Sample ID: MB-54957	SampType: MBLK	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532
Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
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ANALYTICAL QC SUMMARY REPORT

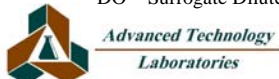
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Client ID: PBW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									
Surr: 1,2-Dichlorobenzene-d4	75.030		100.0		75.0	42	98				
Surr: 2,4,6-Tribromophenol	88.320		100.0		88.3	60	128				
Surr: 2-Chlorophenol-d4	70.520		100.0		70.5	43	102				
Surr: 2-Fluorobiphenyl	82.480		100.0		82.5	50	108				
Surr: 2-Fluorophenol	42.840		100.0		42.8	22	69				
Surr: 4-Terphenyl-d14	109.500		100.0		110	66	130				
Surr: Nitrobenzene-d5	82.660		100.0		82.7	47	117				
Surr: Phenol-d5	28.900		100.0		28.9	16	50				

Sample ID: LCS-54957	SampType: LCS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: LCSW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	82.350	10	100.0	0	82.4	54	110				
1,4-Dichlorobenzene	72.690	10	100.0	0	72.7	48	103				
2,4-Dinitrotoluene	101.530	10	100.0	0	102	69	136				
2-Chlorophenol	75.260	10	100.0	0	75.3	53	100				
4-Chloro-3-methylphenol	96.750	50	100.0	0	96.8	70	124				
4-Nitrophenol	47.400	50	100.0	0	47.4	32	69				
Acenaphthene	93.500	10	100.0	0	93.5	64	118				
N-Nitrosodi-n-propylamine	94.300	10	100.0	0	94.3	62	130				
Pentachlorophenol	108.110	50	100.0	0	108	64	130				
Phenol	33.510	10	100.0	0	33.5	25	50				
Pyrene	100.210	10	100.0	0	100	66	123				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

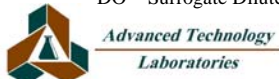
TestCode: 8270_W_FULL

Sample ID: LCS-54957	SampType: LCS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: LCSW	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	70.400		100.0		70.4	42	98				
Surr: 2,4,6-Tribromophenol	92.760		100.0		92.8	60	128				
Surr: 2-Chlorophenol-d4	69.670		100.0		69.7	43	102				
Surr: 2-Fluorobiphenyl	85.330		100.0		85.3	50	108				
Surr: 2-Fluorophenol	42.460		100.0		42.5	22	69				
Surr: 4-Terphenyl-d14	91.060		100.0		91.1	66	130				
Surr: Nitrobenzene-d5	81.510		100.0		81.5	47	117				
Surr: Phenol-d5	30.250		100.0		30.2	16	50				

Sample ID: MB-54957MS	SampType: MS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703232						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	88.760	10	100.0	0	88.8	54	110				
1,4-Dichlorobenzene	80.860	10	100.0	0	80.9	48	103				
2,4-Dinitrotoluene	105.780	10	100.0	0	106	69	136				
2-Chlorophenol	82.940	10	100.0	0	82.9	53	100				
4-Chloro-3-methylphenol	103.930	50	100.0	0	104	70	124				
4-Nitrophenol	48.880	50	100.0	0	48.9	32	69				
Acenaphthene	99.380	10	100.0	0	99.4	64	118				
N-Nitrosodi-n-propylamine	97.320	10	100.0	0	97.3	62	130				
Pentachlorophenol	113.160	50	100.0	0	113	64	130				
Phenol	35.770	10	100.0	0	35.8	25	50				
Pyrene	104.020	10	100.0	0	104	66	123				
Surr: 1,2-Dichlorobenzene-d4	77.430		100.0		77.4	42	98				
Surr: 2,4,6-Tribromophenol	96.960		100.0		97.0	60	128				
Surr: 2-Chlorophenol-d4	75.540		100.0		75.5	43	102				
Surr: 2-Fluorobiphenyl	90.850		100.0		90.8	50	108				
Surr: 2-Fluorophenol	44.360		100.0		44.4	22	69				
Surr: 4-Terphenyl-d14	98.360		100.0		98.4	66	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID: MB-54957MS	SampType: MS	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703232						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

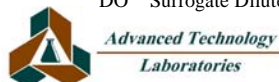
Surr: Nitrobenzene-d5	87.720		100.0		87.7	47	117				
Surr: Phenol-d5	31.910		100.0		31.9	16	50				

Sample ID: MB-54957MSD	SampType: MSD	TestCode: 8270_W_FULL	Units: µg/L	Prep Date: 4/23/2009	RunNo: 108532						
Client ID: ZZZZZ	Batch ID: 54957	TestNo: EPA 8270C EPA 3510C		Analysis Date: 4/27/2009	SeqNo: 1703233						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	87.750	10	100.0	0	87.8	54	110	88.76	1.14	20	
1,4-Dichlorobenzene	78.940	10	100.0	0	78.9	48	103	80.86	2.40	20	
2,4-Dinitrotoluene	103.700	10	100.0	0	104	69	136	105.8	1.99	20	
2-Chlorophenol	79.970	10	100.0	0	80.0	53	100	82.94	3.65	20	
4-Chloro-3-methylphenol	102.000	50	100.0	0	102	70	124	103.9	1.87	20	
4-Nitrophenol	48.940	50	100.0	0	48.9	32	69	48.88	0	20	
Acenaphthene	95.190	10	100.0	0	95.2	64	118	99.38	4.31	20	
N-Nitrosodi-n-propylamine	94.910	10	100.0	0	94.9	62	130	97.32	2.51	20	
Pentachlorophenol	110.370	50	100.0	0	110	64	130	113.2	2.50	20	
Phenol	36.300	10	100.0	0	36.3	25	50	35.77	1.47	20	
Pyrene	100.370	10	100.0	0	100	66	123	104.0	3.57	20	
Surr: 1,2-Dichlorobenzene-d4	75.630		100.0		75.6	42	98		0	0	
Surr: 2,4,6-Tribromophenol	94.760		100.0		94.8	60	128		0	0	
Surr: 2-Chlorophenol-d4	74.730		100.0		74.7	43	102		0	0	
Surr: 2-Fluorobiphenyl	86.110		100.0		86.1	50	108		0	0	
Surr: 2-Fluorophenol	44.380		100.0		44.4	22	69		0	0	
Surr: 4-Terphenyl-d14	96.940		100.0		96.9	66	130		0	0	
Surr: Nitrobenzene-d5	87.440		100.0		87.4	47	117		0	0	
Surr: Phenol-d5	31.700		100.0		31.7	16	50		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105148-001ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108435						
Client ID: 1001-110-2-S	Batch ID: R108435	TestNo: EPA 9045C		Analysis Date: 4/23/2009	SeqNo: 1701341						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.590	0.10						8.560	0.350	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108436						
Client ID: 1001-108-5-S	Batch ID: R108436	TestNo: EPA 9045C		Analysis Date: 4/23/2009	SeqNo: 1701352						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.200	0.10						8.220	0.244	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 108437						
Client ID: 1001-107-5-S	Batch ID: R108437	TestNo: EPA 9045C		Analysis Date: 4/23/2009	SeqNo: 1701363						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.300	0.10						8.220	0.969	20	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

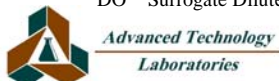
TestCode: HC_S_SEMI

Sample ID: MB-54917	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: PBS	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1701727						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	79.410		80.00		99.3	57	144				

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1701730						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	
C13-C22	ND	10						0	0	20	
C18-C36	ND	10						0	0	20	
T/R Hydrocarbons: C8	ND	10						0	0	20	
C22+ to C40	ND	10						0	0	20	
C23-C39	ND	10						0	0	20	
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40	ND	10						0	0	20	
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

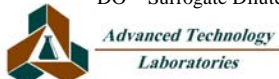
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105148-021ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 108445						
Client ID: 1001-107-5-S	Batch ID: 54917	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1701730						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	
T/R Hydrocarbons:>C23	ND	10						0	0	20	
T/R Hydrocarbons:>C32	ND	10						0	0	20	
T/R Hydrocarbons:>C40	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	
Surr: p-Terphenyl	79.240		80.00		99.0	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

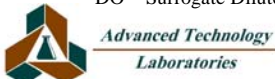
TestCode: HC_S_SEMI

Sample ID: MB-54920	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: PBS	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704831						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	73.546		80.00		91.9	57	144				

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: 1001-109-10-S	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704833						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	
C13-C22	ND	10						0	0	20	
C18-C36	ND	10						0	0	20	
T/R Hydrocarbons: C8	ND	10						0	0	20	
C22+ to C40	ND	10						0	0	20	
C23-C39	ND	10						0	0	20	
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40	ND	10						0	0	20	
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

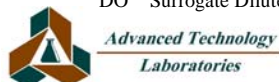
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105148-008ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108637						
Client ID: 1001-109-10-S	Batch ID: 54920	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/30/2009	SeqNo: 1704833						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	
T/R Hydrocarbons:>C23	ND	10						0	0	20	
T/R Hydrocarbons:>C32	ND	10						0	0	20	
T/R Hydrocarbons:>C40	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	
Surr: p-Terphenyl	73.398		80.00		91.7	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

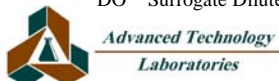
TestCode: HC_S_SEMI

Sample ID: MB-54921	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: PBS	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/23/2009	SeqNo: 1702876						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	98.990		80.00		124	57	144				

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009	SeqNo: 1702891						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	
C13-C22	ND	10						0	0	20	
C18-C36	ND	10						0	0	20	
T/R Hydrocarbons: C8	ND	10						0	0	20	
C22+ to C40	ND	10						0	0	20	
C23-C39	ND	10						0	0	20	
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40	11.570	10						0	0	20	
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

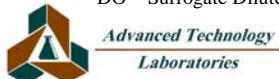
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105148-011ADUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 108505						
Client ID: 1001-108-5-S	Batch ID: 54921	TestNo: EPA 8015B(M LUFT		Analysis Date: 4/27/2009	SeqNo: 1702891						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	
T/R Hydrocarbons:>C23	ND	10						0	0	20	
T/R Hydrocarbons:>C32	ND	10						0	0	20	
T/R Hydrocarbons:>C40	ND	10						0	0	20	
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	
Surr: p-Terphenyl	95.250		80.00		119	57	144		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090422LCS1	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: LCSS	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.819	1.0	5.000	0	96.4	73	120				
Surr: Bromofluorobenzene (FID)	100.568		100.0		101	59	145				

Sample ID: E090422MB1MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: ZZZZZZ	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702261						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.764	1.0	5.000	0	95.3	39	135				
Surr: Bromofluorobenzene (FID)	97.074		100.0		97.1	59	145				

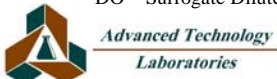
Sample ID: E090422MB1MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: ZZZZZZ	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702262						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.776	1.0	5.000	0	95.5	39	135	4.764	0.252	20	
Surr: Bromofluorobenzene (FID)	98.905		100.0		98.9	59	145		0	0	

Sample ID: E090422MB1	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108452						
Client ID: PBS	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702263						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	98.771		100.0		98.8	59	145				

Sample ID: 105148-001FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108452						
Client ID: 1001-110-2-S	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.90						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105148-001FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108452						
Client ID: 1001-110-2-S	Batch ID: E09VS107	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	79.496		90.09		88.2	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



*Advanced Technology
Laboratories*

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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090422LCS3	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: LCSS	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702288						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.806	1.0	5.000	0	96.1	73	120				
Surr: Bromofluorobenzene (FID)	98.072		100.0		98.1	59	145				

Sample ID: E090422MB2MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: ZZZZZZ	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702289						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.892	1.0	5.000	0	97.8	39	135				
Surr: Bromofluorobenzene (FID)	100.932		100.0		101	59	145				

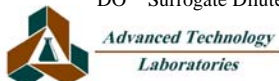
Sample ID: E090422MB2MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: ZZZZZZ	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702290						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.778	1.0	5.000	0	95.6	39	135	4.892	2.36	20	
Surr: Bromofluorobenzene (FID)	100.306		100.0		100	59	145		0	0	

Sample ID: E090422MB2	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108453						
Client ID: PBS	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702291						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	97.623		100.0		97.6	59	145				

Sample ID: 105148-011FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108453						
Client ID: 1001-108-5-S	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702294						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.92						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105148-011FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108453						
Client ID: 1001-108-5-S	Batch ID: E09VS108	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702294						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	97.039		91.91		106	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090422LCS5	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: LCSS	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702319						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.564	1.0	5.000	0	91.3	73	120				
Surr: Bromofluorobenzene (FID)	99.926		100.0		99.9	59	145				

Sample ID: E090422MB3MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: ZZZZZZ	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702320						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.563	1.0	5.000	0	91.3	39	135				
Surr: Bromofluorobenzene (FID)	99.102		100.0		99.1	59	145				

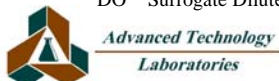
Sample ID: E090422MB3MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: ZZZZZZ	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702321						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.595	1.0	5.000	0	91.9	39	135	4.563	0.699	20	
Surr: Bromofluorobenzene (FID)	95.878		100.0		95.9	59	145		0	0	

Sample ID: E090422MB3	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 108459						
Client ID: PBS	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702322						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.413		100.0		101	59	145				

Sample ID: 105148-021FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108459						
Client ID: 1001-107-5-S	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702325						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.94						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105148-021FDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/21/2009	RunNo: 108459						
Client ID: 1001-107-5-S	Batch ID: E09VS109	TestNo: EPA 8015B		Analysis Date: 4/22/2009	SeqNo: 1702325						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	98.814		94.34		105	59	145		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_SEMI

Sample ID: MB-54952	SampType: MBLK	TestCode: HC_W_SEMI	Units: mg/L	Prep Date: 4/23/2009	RunNo: 108461						
Client ID: PBW	Batch ID: 54952	TestNo: EPA 8015B(M EPA 3510C		Analysis Date: 4/23/2009	SeqNo: 1702099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	0.20									
T/R Hydrocarbons: C23-C32	ND	0.20									
T/R Hydrocarbons:>C32	ND	0.20									
Surr: p-Terphenyl	0.051		0.08000		64.2	35	131				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_VOAC4C12

Sample ID: D090423LCS	SampType: LCS	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: LCSW	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701735						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C4-C12	0.963	0.20	1.000	0	96.3	69	125
Surr: Bromofluorobenzene (FID)	101.914		100.0		102	71	130

Sample ID: D090423MB2MS	SampType: MS	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701736						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C4-C12	0.875	0.20	1.000	0	87.5	69	125
Surr: Bromofluorobenzene (FID)	100.900		100.0		101	71	130

Sample ID: D090424MB2MSD	SampType: MSD	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: ZZZZZ	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C4-C12	0.915	0.20	1.000	0	91.5	69	125	0.8750	4.47	20
Surr: Bromofluorobenzene (FID)	99.676		100.0		99.7	71	130		0	0

Sample ID: D090423MB2	SampType: MBLK	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: PBW	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701738						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

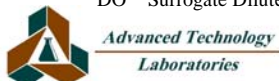
T/R Hydrocarbons: C4-C12	ND	0.20									
Surr: Bromofluorobenzene (FID)	104.012		100.0		104	71	130				

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: QCEB	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701740						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C4-C12	ND	0.20						0	0	20
--------------------------	----	------	--	--	--	--	--	---	---	----

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105148
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_W_VOAC4C12

Sample ID: 105148-024GDUP	SampType: DUP	TestCode: HC_W_VOAC	Units: mg/L	Prep Date:	RunNo: 108450						
Client ID: QCEB	Batch ID: D09VW067	TestNo: EPA 8015B		Analysis Date: 4/23/2009	SeqNo: 1701740						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	101.016		100.0		101	71	130		0	0	

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

LABORATORY:
Advanced Technology
Laboratories
3275 Walnut Avenue Signal Hill CA 90807
(562) 989-4045

SITE:
777 North Front Street
Burbank California
Ninyo & Moore
207126015

CONSULTANT:
Ninyo & Moore
475 Goddard Suite
#200
Irvine Ca 92618
(949) 753-7070
fax # (949) 753-7071

NOTES:
pH Past Holding Time OK (TM)

* Sampler (s) Tommy Mutter
Relinquished by (name, date, and time) 4/21/09 1320
Relinquished by (name, date, and time) Tommy Mutter
Relinquished by (name, date, and time)
Relinquished by (name, date, and time)

Received by (name, date, and time) Tommy Mutter
Received by (name, date, and time) 4/21/09 1320
Received by (name, date, and time)
Received by (name, date, and time)
Received by (name, date, and time)

Please Fax to David Shaler
(949) 753-7071

LAB NO.	SAMPLE ID	DATE	TIME	ANALYSIS REQUESTED												# CONTAINERS
				VOCS 8260B 5035	SVOCs 8270C	TPHs 8015 5035	TPHs 8015	TPHext 8015	METALS 6000/7000	HEX CHROM 7199/7196A	pH 9045	SAMPLE MATRIX	NUMBER OF CONTAINERS	TURN- AROUND TIME		
	1001-110-2-S	4/21/09	7:50	X	X	X	X	X	X	X	X	X	S	7	E	X
	1001-110-5-S		7:55													
	1001-110-5D-S		7:55													
	1001-110-10-S		8:00													
	1001-110-20-S		8:10													
	1001-109-2-S		8:20													
	1001-109-5-S		8:25													
	1001-109-10-S		8:35													
	1001-109-20-S		8:40													
	1001-108-2-S		9:05													
	1001-108-5-S		9:10													
	1001-108-10-S		9:15													
	1001-108-10D-S		9:15													
	1001-108-20-S		9:25													
	1001-106-5-S		9:40													
	1001-106-10-S		9:45													
	1001-106-20-S		9:55													
	1001-106-20D-S		10:05													
	1001-106-20D-S		10:05													
	1001-107-2-S		10:15													
	1001-107-5-S		10:25													
	1001-107-10-S		10:30													
	1001-107-20-S		10:40													
	QCEB		10:50	X	X	X	X	X	X	X	X	X	X	11	X	X
	Trip blank			X										1	X	X

PCB
X

April 29, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 105173

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 22, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 29-Apr-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105173**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-001A	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001B	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001C	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001D	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001E	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001F	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-001G	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	4/29/2009
105173-002A	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002B	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002C	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002D	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002E	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002F	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-002G	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003A	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003B	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003C	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003D	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003E	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003F	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-003G	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	4/29/2009
105173-004A	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004B	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004C	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004D	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004E	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004F	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-004G	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	4/29/2009
105173-005A	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-005B	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-005C	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-005D	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-005E	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-005F	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-005G	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	4/29/2009
105173-006A	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006B	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006C	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006D	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006E	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006F	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-006G	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	4/29/2009
105173-007A	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007B	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007C	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007D	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007E	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007F	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-007G	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	4/29/2009
105173-008A	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008B	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008C	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008D	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008E	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008F	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-008G	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	4/29/2009
105173-009A	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-009B	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-009C	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-009D	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-009E	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-009F	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-009G	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	4/29/2009
105173-010A	QC EB-2	Water	4/22/2009 3:25:00 PM	4/22/2009	4/29/2009
105173-011A	TRIP Blank	Water	4/22/2009	4/22/2009	4/29/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-001A

Client Sample ID: 1001-117-25-S
Collection Date: 4/22/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1,1-Trichloroethane	ND 0.61	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1,2-Trichloroethane	ND 1.6	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1-Dichloroethane	ND 0.48	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2,3-Trichlorobenzene	ND 0.98	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2,3-Trichloropropane	ND 0.71	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2,4-Trimethylbenzene	ND 0.81	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.5	µg/Kg 1 4/23/2009 05:14 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2-Dichlorobenzene	ND 0.79	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,3,5-Trimethylbenzene	ND 0.95	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,3-Dichlorobenzene	ND 0.95	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,3-Dichloropropane	ND 1.0	4.7	µg/Kg 1 4/23/2009 05:14 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/23/2009 05:14 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/23/2009 05:14 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/23/2009 05:14 PM
4-Chlorotoluene	ND 0.64	4.7	µg/Kg 1 4/23/2009 05:14 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/23/2009 05:14 PM
Benzene	ND 0.78	4.7	µg/Kg 1 4/23/2009 05:14 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/23/2009 05:14 PM
Bromodichloromethane	ND 0.81	4.7	µg/Kg 1 4/23/2009 05:14 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/23/2009 05:14 PM
Bromomethane	ND 0.83	4.7	µg/Kg 1 4/23/2009 05:14 PM
Carbon tetrachloride	ND 1.3	4.7	µg/Kg 1 4/23/2009 05:14 PM
Chlorobenzene	ND 0.85	4.7	µg/Kg 1 4/23/2009 05:14 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/23/2009 05:14 PM
Chloroform	ND 0.59	4.7	µg/Kg 1 4/23/2009 05:14 PM
Chloromethane	ND 0.77	4.7	µg/Kg 1 4/23/2009 05:14 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/23/2009 05:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-001A

Client Sample ID: 1001-117-25-S
Collection Date: 4/22/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/23/2009 05:14 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/23/2009 05:14 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/23/2009 05:14 PM
Dichlorodifluoromethane	ND	0.57	4.7	µg/Kg	1	4/23/2009 05:14 PM
Ethylbenzene	ND	0.86	4.7	µg/Kg	1	4/23/2009 05:14 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/23/2009 05:14 PM
Isopropylbenzene	ND	1.2	4.7	µg/Kg	1	4/23/2009 05:14 PM
m,p-Xylene	ND	1.6	9.5	µg/Kg	1	4/23/2009 05:14 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/23/2009 05:14 PM
n-Butylbenzene	ND	0.98	4.7	µg/Kg	1	4/23/2009 05:14 PM
n-Propylbenzene	ND	0.85	4.7	µg/Kg	1	4/23/2009 05:14 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/23/2009 05:14 PM
o-Xylene	ND	0.97	4.7	µg/Kg	1	4/23/2009 05:14 PM
sec-Butylbenzene	ND	0.81	4.7	µg/Kg	1	4/23/2009 05:14 PM
Styrene	ND	0.85	4.7	µg/Kg	1	4/23/2009 05:14 PM
tert-Butylbenzene	ND	0.58	4.7	µg/Kg	1	4/23/2009 05:14 PM
Tetrachloroethene	ND	1.0	4.7	µg/Kg	1	4/23/2009 05:14 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/23/2009 05:14 PM
trans-1,2-Dichloroethene	ND	0.94	4.7	µg/Kg	1	4/23/2009 05:14 PM
Trichloroethene	ND	1.9	4.7	µg/Kg	1	4/23/2009 05:14 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/23/2009 05:14 PM
Vinyl chloride	ND	0.56	4.7	µg/Kg	1	4/23/2009 05:14 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/23/2009 05:14 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/23/2009 05:14 PM
Surr: Dibromofluoromethane	108	0	72-141	%REC	1	4/23/2009 05:14 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/23/2009 05:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-002A

Client Sample ID: 1001-117-30-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1,1-Trichloroethane	ND 0.60	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1,2-Trichloroethane	ND 1.5	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1-Dichloroethane	ND 0.47	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1-Dichloroethene	ND 1.2	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,1-Dichloropropene	ND 1.4	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2,3-Trichlorobenzene	ND 0.96	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2,3-Trichloropropane	ND 0.69	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2,4-Trichlorobenzene	ND 1.2	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2,4-Trimethylbenzene	ND 0.79	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.2	µg/Kg 1 4/23/2009 05:33 PM
1,2-Dibromoethane	ND 1.4	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2-Dichlorobenzene	ND 0.77	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2-Dichloroethane	ND 1.1	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,2-Dichloropropane	ND 1.4	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,3,5-Trimethylbenzene	ND 0.93	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,3-Dichlorobenzene	ND 0.93	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,3-Dichloropropane	ND 0.97	4.6	µg/Kg 1 4/23/2009 05:33 PM
1,4-Dichlorobenzene	ND 1.1	4.6	µg/Kg 1 4/23/2009 05:33 PM
2,2-Dichloropropane	ND 0.80	4.6	µg/Kg 1 4/23/2009 05:33 PM
2-Chlorotoluene	ND 0.61	4.6	µg/Kg 1 4/23/2009 05:33 PM
4-Chlorotoluene	ND 0.62	4.6	µg/Kg 1 4/23/2009 05:33 PM
4-Isopropyltoluene	ND 0.53	4.6	µg/Kg 1 4/23/2009 05:33 PM
Benzene	ND 0.76	4.6	µg/Kg 1 4/23/2009 05:33 PM
Bromobenzene	ND 1.4	4.6	µg/Kg 1 4/23/2009 05:33 PM
Bromodichloromethane	ND 0.79	4.6	µg/Kg 1 4/23/2009 05:33 PM
Bromoform	ND 1.1	4.6	µg/Kg 1 4/23/2009 05:33 PM
Bromomethane	ND 0.81	4.6	µg/Kg 1 4/23/2009 05:33 PM
Carbon tetrachloride	ND 1.2	4.6	µg/Kg 1 4/23/2009 05:33 PM
Chlorobenzene	ND 0.83	4.6	µg/Kg 1 4/23/2009 05:33 PM
Chloroethane	ND 1.2	4.6	µg/Kg 1 4/23/2009 05:33 PM
Chloroform	ND 0.57	4.6	µg/Kg 1 4/23/2009 05:33 PM
Chloromethane	ND 0.76	4.6	µg/Kg 1 4/23/2009 05:33 PM
cis-1,2-Dichloroethene	ND 1.1	4.6	µg/Kg 1 4/23/2009 05:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-002A

Client Sample ID: 1001-117-30-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/23/2009 05:33 PM
Dibromochloromethane	ND	0.63	4.6	µg/Kg	1	4/23/2009 05:33 PM
Dibromomethane	ND	1.6	4.6	µg/Kg	1	4/23/2009 05:33 PM
Dichlorodifluoromethane	ND	0.56	4.6	µg/Kg	1	4/23/2009 05:33 PM
Ethylbenzene	ND	0.84	4.6	µg/Kg	1	4/23/2009 05:33 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/23/2009 05:33 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/23/2009 05:33 PM
m,p-Xylene	ND	1.6	9.2	µg/Kg	1	4/23/2009 05:33 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/23/2009 05:33 PM
n-Butylbenzene	ND	0.96	4.6	µg/Kg	1	4/23/2009 05:33 PM
n-Propylbenzene	ND	0.84	4.6	µg/Kg	1	4/23/2009 05:33 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/23/2009 05:33 PM
o-Xylene	ND	0.95	4.6	µg/Kg	1	4/23/2009 05:33 PM
sec-Butylbenzene	ND	0.79	4.6	µg/Kg	1	4/23/2009 05:33 PM
Styrene	ND	0.83	4.6	µg/Kg	1	4/23/2009 05:33 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/23/2009 05:33 PM
Tetrachloroethene	ND	0.98	4.6	µg/Kg	1	4/23/2009 05:33 PM
Toluene	ND	0.77	4.6	µg/Kg	1	4/23/2009 05:33 PM
trans-1,2-Dichloroethene	ND	0.92	4.6	µg/Kg	1	4/23/2009 05:33 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/23/2009 05:33 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/23/2009 05:33 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/23/2009 05:33 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/23/2009 05:33 PM
Surr: 4-Bromofluorobenzene	99.9	0	67-127	%REC	1	4/23/2009 05:33 PM
Surr: Dibromofluoromethane	109	0	72-141	%REC	1	4/23/2009 05:33 PM
Surr: Toluene-d8	107	0	75-120	%REC	1	4/23/2009 05:33 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-003A

Client Sample ID: 1001-117-30D-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1,1-Trichloroethane	ND 0.66	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1,2,2-Tetrachloroethane	ND 1.6	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1,2-Trichloroethane	ND 1.7	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1-Dichloroethane	ND 0.52	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1-Dichloroethene	ND 1.3	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,1-Dichloropropene	ND 1.6	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2,3-Trichlorobenzene	ND 1.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2,3-Trichloropropane	ND 0.77	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2,4-Trichlorobenzene	ND 1.4	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2,4-Trimethylbenzene	ND 0.88	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2-Dibromo-3-chloropropane	ND 2.0	10	µg/Kg 1 4/23/2009 05:53 PM
1,2-Dibromoethane	ND 1.5	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2-Dichlorobenzene	ND 0.85	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2-Dichloroethane	ND 1.2	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,2-Dichloropropane	ND 1.6	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,3,5-Trimethylbenzene	ND 1.0	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,3-Dichlorobenzene	ND 1.0	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,3-Dichloropropane	ND 1.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
1,4-Dichlorobenzene	ND 1.2	5.1	µg/Kg 1 4/23/2009 05:53 PM
2,2-Dichloropropane	ND 0.89	5.1	µg/Kg 1 4/23/2009 05:53 PM
2-Chlorotoluene	ND 0.68	5.1	µg/Kg 1 4/23/2009 05:53 PM
4-Chlorotoluene	ND 0.69	5.1	µg/Kg 1 4/23/2009 05:53 PM
4-Isopropyltoluene	ND 0.59	5.1	µg/Kg 1 4/23/2009 05:53 PM
Benzene	ND 0.84	5.1	µg/Kg 1 4/23/2009 05:53 PM
Bromobenzene	ND 1.6	5.1	µg/Kg 1 4/23/2009 05:53 PM
Bromodichloromethane	ND 0.88	5.1	µg/Kg 1 4/23/2009 05:53 PM
Bromoform	ND 1.2	5.1	µg/Kg 1 4/23/2009 05:53 PM
Bromomethane	ND 0.90	5.1	µg/Kg 1 4/23/2009 05:53 PM
Carbon tetrachloride	ND 1.4	5.1	µg/Kg 1 4/23/2009 05:53 PM
Chlorobenzene	ND 0.92	5.1	µg/Kg 1 4/23/2009 05:53 PM
Chloroethane	ND 1.4	5.1	µg/Kg 1 4/23/2009 05:53 PM
Chloroform	ND 0.64	5.1	µg/Kg 1 4/23/2009 05:53 PM
Chloromethane	ND 0.84	5.1	µg/Kg 1 4/23/2009 05:53 PM
cis-1,2-Dichloroethene	ND 1.2	5.1	µg/Kg 1 4/23/2009 05:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

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Lab Order: 105173
Project: 207126015
Lab ID: 105173-003A

Client Sample ID: 1001-117-30D-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.3	5.1	µg/Kg 1 4/23/2009 05:53 PM
Dibromochloromethane	ND 0.70	5.1	µg/Kg 1 4/23/2009 05:53 PM
Dibromomethane	ND 1.7	5.1	µg/Kg 1 4/23/2009 05:53 PM
Dichlorodifluoromethane	ND 0.62	5.1	µg/Kg 1 4/23/2009 05:53 PM
Ethylbenzene	ND 0.93	5.1	µg/Kg 1 4/23/2009 05:53 PM
Hexachlorobutadiene	ND 3.5	5.1	µg/Kg 1 4/23/2009 05:53 PM
Isopropylbenzene	ND 1.3	5.1	µg/Kg 1 4/23/2009 05:53 PM
m,p-Xylene	ND 1.7	10	µg/Kg 1 4/23/2009 05:53 PM
Methylene chloride	ND 5.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
n-Butylbenzene	ND 1.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
n-Propylbenzene	ND 0.93	5.1	µg/Kg 1 4/23/2009 05:53 PM
Naphthalene	ND 1.7	5.1	µg/Kg 1 4/23/2009 05:53 PM
o-Xylene	ND 1.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
sec-Butylbenzene	ND 0.88	5.1	µg/Kg 1 4/23/2009 05:53 PM
Styrene	ND 0.92	5.1	µg/Kg 1 4/23/2009 05:53 PM
tert-Butylbenzene	ND 0.63	5.1	µg/Kg 1 4/23/2009 05:53 PM
Tetrachloroethene	ND 1.1	5.1	µg/Kg 1 4/23/2009 05:53 PM
Toluene	ND 0.85	5.1	µg/Kg 1 4/23/2009 05:53 PM
trans-1,2-Dichloroethene	ND 1.0	5.1	µg/Kg 1 4/23/2009 05:53 PM
Trichloroethene	ND 2.0	5.1	µg/Kg 1 4/23/2009 05:53 PM
Trichlorofluoromethane	ND 1.2	5.1	µg/Kg 1 4/23/2009 05:53 PM
Vinyl chloride	ND 0.60	5.1	µg/Kg 1 4/23/2009 05:53 PM
Surr: 1,2-Dichloroethane-d4	115 0	68-147	%REC 1 4/23/2009 05:53 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/23/2009 05:53 PM
Surr: Dibromofluoromethane	117 0	72-141	%REC 1 4/23/2009 05:53 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/23/2009 05:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-004A

Client Sample ID: 1001-117-35-S
Collection Date: 4/22/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1,1-Trichloroethane	ND 0.59	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1,2-Trichloroethane	ND 1.5	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1-Dichloroethane	ND 0.46	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1-Dichloroethene	ND 1.2	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,1-Dichloropropene	ND 1.4	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2,3-Trichlorobenzene	ND 0.94	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2,3-Trichloropropane	ND 0.68	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2,4-Trichlorobenzene	ND 1.2	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2,4-Trimethylbenzene	ND 0.78	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.1	µg/Kg 1 4/23/2009 06:12 PM
1,2-Dibromoethane	ND 1.3	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2-Dichlorobenzene	ND 0.76	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2-Dichloroethane	ND 1.1	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,2-Dichloropropane	ND 1.4	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,3,5-Trimethylbenzene	ND 0.91	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,3-Dichlorobenzene	ND 0.92	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,3-Dichloropropane	ND 0.96	4.6	µg/Kg 1 4/23/2009 06:12 PM
1,4-Dichlorobenzene	ND 1.1	4.6	µg/Kg 1 4/23/2009 06:12 PM
2,2-Dichloropropane	ND 0.79	4.6	µg/Kg 1 4/23/2009 06:12 PM
2-Chlorotoluene	ND 0.60	4.6	µg/Kg 1 4/23/2009 06:12 PM
4-Chlorotoluene	ND 0.61	4.6	µg/Kg 1 4/23/2009 06:12 PM
4-Isopropyltoluene	ND 0.52	4.6	µg/Kg 1 4/23/2009 06:12 PM
Benzene	ND 0.75	4.6	µg/Kg 1 4/23/2009 06:12 PM
Bromobenzene	ND 1.4	4.6	µg/Kg 1 4/23/2009 06:12 PM
Bromodichloromethane	ND 0.78	4.6	µg/Kg 1 4/23/2009 06:12 PM
Bromoform	ND 1.1	4.6	µg/Kg 1 4/23/2009 06:12 PM
Bromomethane	ND 0.80	4.6	µg/Kg 1 4/23/2009 06:12 PM
Carbon tetrachloride	ND 1.2	4.6	µg/Kg 1 4/23/2009 06:12 PM
Chlorobenzene	ND 0.82	4.6	µg/Kg 1 4/23/2009 06:12 PM
Chloroethane	ND 1.2	4.6	µg/Kg 1 4/23/2009 06:12 PM
Chloroform	ND 0.56	4.6	µg/Kg 1 4/23/2009 06:12 PM
Chloromethane	ND 0.74	4.6	µg/Kg 1 4/23/2009 06:12 PM
cis-1,2-Dichloroethene	ND 1.1	4.6	µg/Kg 1 4/23/2009 06:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-004A

Client Sample ID: 1001-117-35-S
Collection Date: 4/22/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/23/2009 06:12 PM
Dibromochloromethane	ND	0.62	4.6	µg/Kg	1	4/23/2009 06:12 PM
Dibromomethane	ND	1.5	4.6	µg/Kg	1	4/23/2009 06:12 PM
Dichlorodifluoromethane	ND	0.55	4.6	µg/Kg	1	4/23/2009 06:12 PM
Ethylbenzene	ND	0.83	4.6	µg/Kg	1	4/23/2009 06:12 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/23/2009 06:12 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/23/2009 06:12 PM
m,p-Xylene	ND	1.5	9.1	µg/Kg	1	4/23/2009 06:12 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/23/2009 06:12 PM
n-Butylbenzene	ND	0.95	4.6	µg/Kg	1	4/23/2009 06:12 PM
n-Propylbenzene	ND	0.82	4.6	µg/Kg	1	4/23/2009 06:12 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/23/2009 06:12 PM
o-Xylene	ND	0.94	4.6	µg/Kg	1	4/23/2009 06:12 PM
sec-Butylbenzene	ND	0.78	4.6	µg/Kg	1	4/23/2009 06:12 PM
Styrene	ND	0.82	4.6	µg/Kg	1	4/23/2009 06:12 PM
tert-Butylbenzene	ND	0.55	4.6	µg/Kg	1	4/23/2009 06:12 PM
Tetrachloroethene	5.5	0.96	4.6	µg/Kg	1	4/23/2009 06:12 PM
Toluene	ND	0.76	4.6	µg/Kg	1	4/23/2009 06:12 PM
trans-1,2-Dichloroethene	ND	0.90	4.6	µg/Kg	1	4/23/2009 06:12 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/23/2009 06:12 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/23/2009 06:12 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/23/2009 06:12 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/23/2009 06:12 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/23/2009 06:12 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/23/2009 06:12 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/23/2009 06:12 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-005A

Client Sample ID: 1001-117-40-S
Collection Date: 4/22/2009 1:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
----------	--------	-----	-----	------------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 3.0	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1,1-Trichloroethane	ND 1.1	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1,2,2-Tetrachloroethane	ND 2.7	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1,2-Trichloroethane	ND 2.9	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1-Dichloroethane	ND 0.88	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1-Dichloroethene	ND 2.2	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,1-Dichloropropene	ND 2.6	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2,3-Trichlorobenzene	ND 1.8	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2,3-Trichloropropane	ND 1.3	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2,4-Trichlorobenzene	ND 2.3	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2,4-Trimethylbenzene	ND 1.5	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2-Dibromo-3-chloropropane	ND 3.4	17	µg/Kg 1 4/23/2009 06:32 PM
1,2-Dibromoethane	ND 2.6	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2-Dichlorobenzene	ND 1.4	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2-Dichloroethane	ND 2.0	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,2-Dichloropropane	ND 2.7	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,3,5-Trimethylbenzene	ND 1.7	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,3-Dichlorobenzene	ND 1.8	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,3-Dichloropropane	ND 1.8	8.7	µg/Kg 1 4/23/2009 06:32 PM
1,4-Dichlorobenzene	ND 2.1	8.7	µg/Kg 1 4/23/2009 06:32 PM
2,2-Dichloropropane	ND 1.5	8.7	µg/Kg 1 4/23/2009 06:32 PM
2-Chlorotoluene	ND 1.1	8.7	µg/Kg 1 4/23/2009 06:32 PM
4-Chlorotoluene	ND 1.2	8.7	µg/Kg 1 4/23/2009 06:32 PM
4-Isopropyltoluene	ND 1.0	8.7	µg/Kg 1 4/23/2009 06:32 PM
Benzene	ND 1.4	8.7	µg/Kg 1 4/23/2009 06:32 PM
Bromobenzene	ND 2.7	8.7	µg/Kg 1 4/23/2009 06:32 PM
Bromodichloromethane	ND 1.5	8.7	µg/Kg 1 4/23/2009 06:32 PM
Bromoform	ND 2.1	8.7	µg/Kg 1 4/23/2009 06:32 PM
Bromomethane	ND 1.5	8.7	µg/Kg 1 4/23/2009 06:32 PM
Carbon tetrachloride	ND 2.3	8.7	µg/Kg 1 4/23/2009 06:32 PM
Chlorobenzene	ND 1.6	8.7	µg/Kg 1 4/23/2009 06:32 PM
Chloroethane	ND 2.3	8.7	µg/Kg 1 4/23/2009 06:32 PM
Chloroform	ND 1.1	8.7	µg/Kg 1 4/23/2009 06:32 PM
Chloromethane	ND 1.4	8.7	µg/Kg 1 4/23/2009 06:32 PM
cis-1,2-Dichloroethene	ND 2.1	8.7	µg/Kg 1 4/23/2009 06:32 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-005A

Client Sample ID: 1001-117-40-S
Collection Date: 4/22/2009 1:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	2.2	8.7	µg/Kg	1	4/23/2009 06:32 PM
Dibromochloromethane	ND	1.2	8.7	µg/Kg	1	4/23/2009 06:32 PM
Dibromomethane	ND	2.9	8.7	µg/Kg	1	4/23/2009 06:32 PM
Dichlorodifluoromethane	ND	1.0	8.7	µg/Kg	1	4/23/2009 06:32 PM
Ethylbenzene	ND	1.6	8.7	µg/Kg	1	4/23/2009 06:32 PM
Hexachlorobutadiene	ND	5.9	8.7	µg/Kg	1	4/23/2009 06:32 PM
Isopropylbenzene	ND	2.1	8.7	µg/Kg	1	4/23/2009 06:32 PM
m,p-Xylene	ND	2.9	17	µg/Kg	1	4/23/2009 06:32 PM
Methylene chloride	ND	8.7	8.7	µg/Kg	1	4/23/2009 06:32 PM
n-Butylbenzene	ND	1.8	8.7	µg/Kg	1	4/23/2009 06:32 PM
n-Propylbenzene	ND	1.6	8.7	µg/Kg	1	4/23/2009 06:32 PM
Naphthalene	ND	2.9	8.7	µg/Kg	1	4/23/2009 06:32 PM
o-Xylene	ND	1.8	8.7	µg/Kg	1	4/23/2009 06:32 PM
sec-Butylbenzene	ND	1.5	8.7	µg/Kg	1	4/23/2009 06:32 PM
Styrene	ND	1.6	8.7	µg/Kg	1	4/23/2009 06:32 PM
tert-Butylbenzene	ND	1.1	8.7	µg/Kg	1	4/23/2009 06:32 PM
Tetrachloroethene	ND	1.8	8.7	µg/Kg	1	4/23/2009 06:32 PM
Toluene	ND	1.4	8.7	µg/Kg	1	4/23/2009 06:32 PM
trans-1,2-Dichloroethene	ND	1.7	8.7	µg/Kg	1	4/23/2009 06:32 PM
Trichloroethene	ND	3.4	8.7	µg/Kg	1	4/23/2009 06:32 PM
Trichlorofluoromethane	ND	2.0	8.7	µg/Kg	1	4/23/2009 06:32 PM
Vinyl chloride	ND	1.0	8.7	µg/Kg	1	4/23/2009 06:32 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/23/2009 06:32 PM
Surr: 4-Bromofluorobenzene	105	0	67-127	%REC	1	4/23/2009 06:32 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/23/2009 06:32 PM
Surr: Toluene-d8	104	0	75-120	%REC	1	4/23/2009 06:32 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-006A

Client Sample ID: 1001-113-25-S
Collection Date: 4/22/2009 2:45:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1,1-Trichloroethane	ND 0.69	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1,2,2-Tetrachloroethane	ND 1.7	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1,2-Trichloroethane	ND 1.7	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1-Dichloroethane	ND 0.54	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1-Dichloroethene	ND 1.4	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,1-Dichloropropene	ND 1.6	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2,3-Trichlorobenzene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2,3-Trichloropropane	ND 0.80	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2,4-Trichlorobenzene	ND 1.4	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2,4-Trimethylbenzene	ND 0.91	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2-Dibromo-3-chloropropane	ND 2.0	11	µg/Kg 1 4/23/2009 06:52 PM
1,2-Dibromoethane	ND 1.6	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2-Dichlorobenzene	ND 0.89	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2-Dichloroethane	ND 1.2	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,2-Dichloropropane	ND 1.7	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,3,5-Trimethylbenzene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,3-Dichlorobenzene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,3-Dichloropropane	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
1,4-Dichlorobenzene	ND 1.3	5.3	µg/Kg 1 4/23/2009 06:52 PM
2,2-Dichloropropane	ND 0.93	5.3	µg/Kg 1 4/23/2009 06:52 PM
2-Chlorotoluene	ND 0.70	5.3	µg/Kg 1 4/23/2009 06:52 PM
4-Chlorotoluene	ND 0.72	5.3	µg/Kg 1 4/23/2009 06:52 PM
4-Isopropyltoluene	ND 0.61	5.3	µg/Kg 1 4/23/2009 06:52 PM
Benzene	ND 0.87	5.3	µg/Kg 1 4/23/2009 06:52 PM
Bromobenzene	ND 1.7	5.3	µg/Kg 1 4/23/2009 06:52 PM
Bromodichloromethane	ND 0.91	5.3	µg/Kg 1 4/23/2009 06:52 PM
Bromoform	ND 1.3	5.3	µg/Kg 1 4/23/2009 06:52 PM
Bromomethane	ND 0.93	5.3	µg/Kg 1 4/23/2009 06:52 PM
Carbon tetrachloride	ND 1.4	5.3	µg/Kg 1 4/23/2009 06:52 PM
Chlorobenzene	ND 0.95	5.3	µg/Kg 1 4/23/2009 06:52 PM
Chloroethane	ND 1.4	5.3	µg/Kg 1 4/23/2009 06:52 PM
Chloroform	ND 0.66	5.3	µg/Kg 1 4/23/2009 06:52 PM
Chloromethane	ND 0.87	5.3	µg/Kg 1 4/23/2009 06:52 PM
cis-1,2-Dichloroethene	ND 1.3	5.3	µg/Kg 1 4/23/2009 06:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-006A

Client Sample ID: 1001-113-25-S
Collection Date: 4/22/2009 2:45:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.3	µg/Kg 1 4/23/2009 06:52 PM
Dibromochloromethane	ND 0.72	5.3	µg/Kg 1 4/23/2009 06:52 PM
Dibromomethane	ND 1.8	5.3	µg/Kg 1 4/23/2009 06:52 PM
Dichlorodifluoromethane	ND 0.64	5.3	µg/Kg 1 4/23/2009 06:52 PM
Ethylbenzene	ND 0.97	5.3	µg/Kg 1 4/23/2009 06:52 PM
Hexachlorobutadiene	ND 3.6	5.3	µg/Kg 1 4/23/2009 06:52 PM
Isopropylbenzene	ND 1.3	5.3	µg/Kg 1 4/23/2009 06:52 PM
m,p-Xylene	ND 1.8	11	µg/Kg 1 4/23/2009 06:52 PM
Methylene chloride	ND 5.3	5.3	µg/Kg 1 4/23/2009 06:52 PM
n-Butylbenzene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
n-Propylbenzene	ND 0.96	5.3	µg/Kg 1 4/23/2009 06:52 PM
Naphthalene	ND 1.8	5.3	µg/Kg 1 4/23/2009 06:52 PM
o-Xylene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
sec-Butylbenzene	ND 0.91	5.3	µg/Kg 1 4/23/2009 06:52 PM
Styrene	ND 0.95	5.3	µg/Kg 1 4/23/2009 06:52 PM
tert-Butylbenzene	ND 0.65	5.3	µg/Kg 1 4/23/2009 06:52 PM
Tetrachloroethene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
Toluene	ND 0.88	5.3	µg/Kg 1 4/23/2009 06:52 PM
trans-1,2-Dichloroethene	ND 1.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
Trichloroethene	ND 2.1	5.3	µg/Kg 1 4/23/2009 06:52 PM
Trichlorofluoromethane	ND 1.2	5.3	µg/Kg 1 4/23/2009 06:52 PM
Vinyl chloride	ND 0.63	5.3	µg/Kg 1 4/23/2009 06:52 PM
Surr: 1,2-Dichloroethane-d4	116 0	68-147	%REC 1 4/23/2009 06:52 PM
Surr: 4-Bromofluorobenzene	103 0	67-127	%REC 1 4/23/2009 06:52 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/23/2009 06:52 PM
Surr: Toluene-d8	115 0	75-120	%REC 1 4/23/2009 06:52 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-007A

Client Sample ID: 1001-113-30-S
Collection Date: 4/22/2009 2:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.9	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1,1-Trichloroethane	ND 0.72	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1,2,2-Tetrachloroethane	ND 1.7	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1,2-Trichloroethane	ND 1.8	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1-Dichloroethane	ND 0.56	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1-Dichloroethene	ND 1.4	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,1-Dichloropropene	ND 1.7	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2,3-Trichlorobenzene	ND 1.1	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2,3-Trichloropropane	ND 0.83	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2,4-Trichlorobenzene	ND 1.5	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2,4-Trimethylbenzene	ND 0.95	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2-Dibromo-3-chloropropane	ND 2.1	11	µg/Kg 1 4/23/2009 07:11 PM
1,2-Dibromoethane	ND 1.6	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2-Dichlorobenzene	ND 0.92	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2-Dichloroethane	ND 1.3	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,2-Dichloropropane	ND 1.7	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,3,5-Trimethylbenzene	ND 1.1	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,3-Dichlorobenzene	ND 1.1	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,3-Dichloropropane	ND 1.2	5.5	µg/Kg 1 4/23/2009 07:11 PM
1,4-Dichlorobenzene	ND 1.3	5.5	µg/Kg 1 4/23/2009 07:11 PM
2,2-Dichloropropane	ND 0.97	5.5	µg/Kg 1 4/23/2009 07:11 PM
2-Chlorotoluene	ND 0.73	5.5	µg/Kg 1 4/23/2009 07:11 PM
4-Chlorotoluene	ND 0.75	5.5	µg/Kg 1 4/23/2009 07:11 PM
4-Isopropyltoluene	ND 0.63	5.5	µg/Kg 1 4/23/2009 07:11 PM
Benzene	ND 0.91	5.5	µg/Kg 1 4/23/2009 07:11 PM
Bromobenzene	ND 1.7	5.5	µg/Kg 1 4/23/2009 07:11 PM
Bromodichloromethane	ND 0.95	5.5	µg/Kg 1 4/23/2009 07:11 PM
Bromoform	ND 1.3	5.5	µg/Kg 1 4/23/2009 07:11 PM
Bromomethane	ND 0.97	5.5	µg/Kg 1 4/23/2009 07:11 PM
Carbon tetrachloride	ND 1.5	5.5	µg/Kg 1 4/23/2009 07:11 PM
Chlorobenzene	ND 0.99	5.5	µg/Kg 1 4/23/2009 07:11 PM
Chloroethane	ND 1.5	5.5	µg/Kg 1 4/23/2009 07:11 PM
Chloroform	ND 0.69	5.5	µg/Kg 1 4/23/2009 07:11 PM
Chloromethane	ND 0.91	5.5	µg/Kg 1 4/23/2009 07:11 PM
cis-1,2-Dichloroethene	ND 1.3	5.5	µg/Kg 1 4/23/2009 07:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-007A

Client Sample ID: 1001-113-30-S
Collection Date: 4/22/2009 2:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.5	µg/Kg 1 4/23/2009 07:11 PM
Dibromochloromethane	ND 0.75	5.5	µg/Kg 1 4/23/2009 07:11 PM
Dibromomethane	ND 1.9	5.5	µg/Kg 1 4/23/2009 07:11 PM
Dichlorodifluoromethane	ND 0.67	5.5	µg/Kg 1 4/23/2009 07:11 PM
Ethylbenzene	ND 1.0	5.5	µg/Kg 1 4/23/2009 07:11 PM
Hexachlorobutadiene	ND 3.8	5.5	µg/Kg 1 4/23/2009 07:11 PM
Isopropylbenzene	ND 1.4	5.5	µg/Kg 1 4/23/2009 07:11 PM
m,p-Xylene	ND 1.9	11	µg/Kg 1 4/23/2009 07:11 PM
Methylene chloride	ND 5.5	5.5	µg/Kg 1 4/23/2009 07:11 PM
n-Butylbenzene	ND 1.2	5.5	µg/Kg 1 4/23/2009 07:11 PM
n-Propylbenzene	ND 1.0	5.5	µg/Kg 1 4/23/2009 07:11 PM
Naphthalene	ND 1.8	5.5	µg/Kg 1 4/23/2009 07:11 PM
o-Xylene	ND 1.1	5.5	µg/Kg 1 4/23/2009 07:11 PM
sec-Butylbenzene	ND 0.95	5.5	µg/Kg 1 4/23/2009 07:11 PM
Styrene	ND 0.99	5.5	µg/Kg 1 4/23/2009 07:11 PM
tert-Butylbenzene	ND 0.68	5.5	µg/Kg 1 4/23/2009 07:11 PM
Tetrachloroethene	ND 1.2	5.5	µg/Kg 1 4/23/2009 07:11 PM
Toluene	ND 0.92	5.5	µg/Kg 1 4/23/2009 07:11 PM
trans-1,2-Dichloroethene	ND 1.1	5.5	µg/Kg 1 4/23/2009 07:11 PM
Trichloroethene	ND 2.2	5.5	µg/Kg 1 4/23/2009 07:11 PM
Trichlorofluoromethane	ND 1.3	5.5	µg/Kg 1 4/23/2009 07:11 PM
Vinyl chloride	ND 0.65	5.5	µg/Kg 1 4/23/2009 07:11 PM
Surr: 1,2-Dichloroethane-d4	116 0	68-147	%REC 1 4/23/2009 07:11 PM
Surr: 4-Bromofluorobenzene	107 0	67-127	%REC 1 4/23/2009 07:11 PM
Surr: Dibromofluoromethane	118 0	72-141	%REC 1 4/23/2009 07:11 PM
Surr: Toluene-d8	117 0	75-120	%REC 1 4/23/2009 07:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-008A

Client Sample ID: 1001-113-35-S
Collection Date: 4/22/2009 2:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1,1-Trichloroethane	ND 0.56	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1,2-Trichloroethane	ND 1.4	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1-Dichloroethane	ND 0.44	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1-Dichloroethene	ND 1.1	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,1-Dichloropropene	ND 1.3	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2,3-Trichlorobenzene	ND 0.90	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2,3-Trichloropropane	ND 0.65	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2,4-Trichlorobenzene	ND 1.2	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2,4-Trimethylbenzene	ND 0.75	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2-Dibromo-3-chloropropane	ND 1.7	8.7	µg/Kg 1 4/23/2009 07:31 PM
1,2-Dibromoethane	ND 1.3	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2-Dichlorobenzene	ND 0.72	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2-Dichloroethane	ND 1.0	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,2-Dichloropropane	ND 1.4	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,3,5-Trimethylbenzene	ND 0.87	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,3-Dichlorobenzene	ND 0.88	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,3-Dichloropropane	ND 0.91	4.3	µg/Kg 1 4/23/2009 07:31 PM
1,4-Dichlorobenzene	ND 1.0	4.3	µg/Kg 1 4/23/2009 07:31 PM
2,2-Dichloropropane	ND 0.76	4.3	µg/Kg 1 4/23/2009 07:31 PM
2-Chlorotoluene	ND 0.57	4.3	µg/Kg 1 4/23/2009 07:31 PM
4-Chlorotoluene	ND 0.59	4.3	µg/Kg 1 4/23/2009 07:31 PM
4-Isopropyltoluene	ND 0.50	4.3	µg/Kg 1 4/23/2009 07:31 PM
Benzene	ND 0.71	4.3	µg/Kg 1 4/23/2009 07:31 PM
Bromobenzene	ND 1.4	4.3	µg/Kg 1 4/23/2009 07:31 PM
Bromodichloromethane	ND 0.74	4.3	µg/Kg 1 4/23/2009 07:31 PM
Bromoform	ND 1.1	4.3	µg/Kg 1 4/23/2009 07:31 PM
Bromomethane	ND 0.76	4.3	µg/Kg 1 4/23/2009 07:31 PM
Carbon tetrachloride	ND 1.2	4.3	µg/Kg 1 4/23/2009 07:31 PM
Chlorobenzene	ND 0.78	4.3	µg/Kg 1 4/23/2009 07:31 PM
Chloroethane	ND 1.1	4.3	µg/Kg 1 4/23/2009 07:31 PM
Chloroform	ND 0.54	4.3	µg/Kg 1 4/23/2009 07:31 PM
Chloromethane	ND 0.71	4.3	µg/Kg 1 4/23/2009 07:31 PM
cis-1,2-Dichloroethene	ND 1.0	4.3	µg/Kg 1 4/23/2009 07:31 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-008A

Client Sample ID: 1001-113-35-S
Collection Date: 4/22/2009 2:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.3	µg/Kg 1 4/23/2009 07:31 PM
Dibromochloromethane	ND 0.59	4.3	µg/Kg 1 4/23/2009 07:31 PM
Dibromomethane	ND 1.5	4.3	µg/Kg 1 4/23/2009 07:31 PM
Dichlorodifluoromethane	ND 0.52	4.3	µg/Kg 1 4/23/2009 07:31 PM
Ethylbenzene	ND 0.79	4.3	µg/Kg 1 4/23/2009 07:31 PM
Hexachlorobutadiene	ND 2.9	4.3	µg/Kg 1 4/23/2009 07:31 PM
Isopropylbenzene	ND 1.1	4.3	µg/Kg 1 4/23/2009 07:31 PM
m,p-Xylene	ND 1.5	8.7	µg/Kg 1 4/23/2009 07:31 PM
Methylene chloride	ND 4.3	4.3	µg/Kg 1 4/23/2009 07:31 PM
n-Butylbenzene	ND 0.90	4.3	µg/Kg 1 4/23/2009 07:31 PM
n-Propylbenzene	ND 0.78	4.3	µg/Kg 1 4/23/2009 07:31 PM
Naphthalene	ND 1.4	4.3	µg/Kg 1 4/23/2009 07:31 PM
o-Xylene	ND 0.89	4.3	µg/Kg 1 4/23/2009 07:31 PM
sec-Butylbenzene	ND 0.74	4.3	µg/Kg 1 4/23/2009 07:31 PM
Styrene	ND 0.78	4.3	µg/Kg 1 4/23/2009 07:31 PM
tert-Butylbenzene	ND 0.53	4.3	µg/Kg 1 4/23/2009 07:31 PM
Tetrachloroethene	ND 0.92	4.3	µg/Kg 1 4/23/2009 07:31 PM
Toluene	ND 0.72	4.3	µg/Kg 1 4/23/2009 07:31 PM
trans-1,2-Dichloroethene	ND 0.86	4.3	µg/Kg 1 4/23/2009 07:31 PM
Trichloroethene	ND 1.7	4.3	µg/Kg 1 4/23/2009 07:31 PM
Trichlorofluoromethane	ND 1.0	4.3	µg/Kg 1 4/23/2009 07:31 PM
Vinyl chloride	ND 0.51	4.3	µg/Kg 1 4/23/2009 07:31 PM
Surr: 1,2-Dichloroethane-d4	117 0	68-147	%REC 1 4/23/2009 07:31 PM
Surr: 4-Bromofluorobenzene	105 0	67-127	%REC 1 4/23/2009 07:31 PM
Surr: Dibromofluoromethane	118 0	72-141	%REC 1 4/23/2009 07:31 PM
Surr: Toluene-d8	119 0	75-120	%REC 1 4/23/2009 07:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-009A

Client Sample ID: 1001-113-40-S
Collection Date: 4/22/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1,1-Trichloroethane	ND 0.57	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1,2-Trichloroethane	ND 1.5	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1-Dichloroethane	ND 0.45	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,1-Dichloropropene	ND 1.3	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2,3-Trichlorobenzene	ND 0.92	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2,3-Trichloropropane	ND 0.66	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2,4-Trichlorobenzene	ND 1.2	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2,4-Trimethylbenzene	ND 0.76	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2-Dibromo-3-chloropropane	ND 1.7	8.8	µg/Kg 1 4/23/2009 07:50 PM
1,2-Dibromoethane	ND 1.3	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2-Dichlorobenzene	ND 0.73	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2-Dichloroethane	ND 1.0	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,3,5-Trimethylbenzene	ND 0.89	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,3-Dichlorobenzene	ND 0.89	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,3-Dichloropropane	ND 0.93	4.4	µg/Kg 1 4/23/2009 07:50 PM
1,4-Dichlorobenzene	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM
2,2-Dichloropropane	ND 0.77	4.4	µg/Kg 1 4/23/2009 07:50 PM
2-Chlorotoluene	ND 0.58	4.4	µg/Kg 1 4/23/2009 07:50 PM
4-Chlorotoluene	ND 0.60	4.4	µg/Kg 1 4/23/2009 07:50 PM
4-Isopropyltoluene	ND 0.51	4.4	µg/Kg 1 4/23/2009 07:50 PM
Benzene	ND 0.73	4.4	µg/Kg 1 4/23/2009 07:50 PM
Bromobenzene	ND 1.4	4.4	µg/Kg 1 4/23/2009 07:50 PM
Bromodichloromethane	ND 0.75	4.4	µg/Kg 1 4/23/2009 07:50 PM
Bromoform	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM
Bromomethane	ND 0.77	4.4	µg/Kg 1 4/23/2009 07:50 PM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/23/2009 07:50 PM
Chlorobenzene	ND 0.79	4.4	µg/Kg 1 4/23/2009 07:50 PM
Chloroethane	ND 1.2	4.4	µg/Kg 1 4/23/2009 07:50 PM
Chloroform	ND 0.55	4.4	µg/Kg 1 4/23/2009 07:50 PM
Chloromethane	ND 0.72	4.4	µg/Kg 1 4/23/2009 07:50 PM
cis-1,2-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-009A

Client Sample ID: 1001-113-40-S
Collection Date: 4/22/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090423A	QC Batch: T09VS106	PrepDate: 4/23/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM
Dibromochloromethane	ND 0.60	4.4	µg/Kg 1 4/23/2009 07:50 PM
Dibromomethane	ND 1.5	4.4	µg/Kg 1 4/23/2009 07:50 PM
Dichlorodifluoromethane	ND 0.53	4.4	µg/Kg 1 4/23/2009 07:50 PM
Ethylbenzene	ND 0.80	4.4	µg/Kg 1 4/23/2009 07:50 PM
Hexachlorobutadiene	ND 3.0	4.4	µg/Kg 1 4/23/2009 07:50 PM
Isopropylbenzene	ND 1.1	4.4	µg/Kg 1 4/23/2009 07:50 PM
m,p-Xylene	ND 1.5	8.8	µg/Kg 1 4/23/2009 07:50 PM
Methylene chloride	ND 4.4	4.4	µg/Kg 1 4/23/2009 07:50 PM
n-Butylbenzene	ND 0.92	4.4	µg/Kg 1 4/23/2009 07:50 PM
n-Propylbenzene	ND 0.80	4.4	µg/Kg 1 4/23/2009 07:50 PM
Naphthalene	ND 1.5	4.4	µg/Kg 1 4/23/2009 07:50 PM
o-Xylene	ND 0.91	4.4	µg/Kg 1 4/23/2009 07:50 PM
sec-Butylbenzene	ND 0.75	4.4	µg/Kg 1 4/23/2009 07:50 PM
Styrene	ND 0.79	4.4	µg/Kg 1 4/23/2009 07:50 PM
tert-Butylbenzene	ND 0.54	4.4	µg/Kg 1 4/23/2009 07:50 PM
Tetrachloroethene	ND 0.93	4.4	µg/Kg 1 4/23/2009 07:50 PM
Toluene	ND 0.73	4.4	µg/Kg 1 4/23/2009 07:50 PM
trans-1,2-Dichloroethene	ND 0.88	4.4	µg/Kg 1 4/23/2009 07:50 PM
Trichloroethene	ND 1.7	4.4	µg/Kg 1 4/23/2009 07:50 PM
Trichlorofluoromethane	ND 1.0	4.4	µg/Kg 1 4/23/2009 07:50 PM
Vinyl chloride	ND 0.52	4.4	µg/Kg 1 4/23/2009 07:50 PM
Surr: 1,2-Dichloroethane-d4	113 0	68-147	%REC 1 4/23/2009 07:50 PM
Surr: 4-Bromofluorobenzene	103 0	67-127	%REC 1 4/23/2009 07:50 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/23/2009 07:50 PM
Surr: Toluene-d8	115 0	75-120	%REC 1 4/23/2009 07:50 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-010A

Client Sample ID: QC EB-2
Collection Date: 4/22/2009 3:25:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090423A	QC Batch: Q09VW082	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/23/2009 10:56 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/23/2009 10:56 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/23/2009 10:56 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/23/2009 10:56 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:56 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/23/2009 10:56 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:56 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/23/2009 10:56 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:56 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/23/2009 10:56 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/23/2009 10:56 AM
Benzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:56 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/23/2009 10:56 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/23/2009 10:56 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/23/2009 10:56 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/23/2009 10:56 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/23/2009 10:56 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/23/2009 10:56 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/23/2009 10:56 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-010A

Client Sample ID: QC EB-2
Collection Date: 4/22/2009 3:25:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090423A	QC Batch: Q09VW082	PrepDate:	Analyst: SLL			
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/23/2009 10:56 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/23/2009 10:56 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/23/2009 10:56 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/23/2009 10:56 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/23/2009 10:56 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/23/2009 10:56 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/23/2009 10:56 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/23/2009 10:56 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/23/2009 10:56 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/23/2009 10:56 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/23/2009 10:56 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/23/2009 10:56 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/23/2009 10:56 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/23/2009 10:56 AM
Styrene	ND	2.5	5.0	µg/L	1	4/23/2009 10:56 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/23/2009 10:56 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/23/2009 10:56 AM
Toluene	ND	2.6	5.0	µg/L	1	4/23/2009 10:56 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/23/2009 10:56 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/23/2009 10:56 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/23/2009 10:56 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/23/2009 10:56 AM
Surr: 1,2-Dichloroethane-d4	90.0	0	70-130	%REC	1	4/23/2009 10:56 AM
Surr: 4-Bromofluorobenzene	109	0	70-130	%REC	1	4/23/2009 10:56 AM
Surr: Dibromofluoromethane	102	0	70-130	%REC	1	4/23/2009 10:56 AM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-011A

Client Sample ID: TRIP Blank
Collection Date: 4/22/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090423A	QC Batch: Q09VW082	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/23/2009 10:34 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/23/2009 10:34 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/23/2009 10:34 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/23/2009 10:34 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:34 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/23/2009 10:34 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:34 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/23/2009 10:34 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/23/2009 10:34 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/23/2009 10:34 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/23/2009 10:34 AM
Benzene	ND 2.6	5.0	µg/L 1 4/23/2009 10:34 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/23/2009 10:34 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/23/2009 10:34 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/23/2009 10:34 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/23/2009 10:34 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/23/2009 10:34 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/23/2009 10:34 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/23/2009 10:34 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 29-Apr-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-011A

Client Sample ID: TRIP Blank
Collection Date: 4/22/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_090423A	QC Batch: Q09VW082				PrepDate:	Analyst: SLL
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/23/2009 10:34 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/23/2009 10:34 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/23/2009 10:34 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/23/2009 10:34 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/23/2009 10:34 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/23/2009 10:34 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/23/2009 10:34 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/23/2009 10:34 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/23/2009 10:34 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/23/2009 10:34 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/23/2009 10:34 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/23/2009 10:34 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/23/2009 10:34 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/23/2009 10:34 AM
Styrene	ND	2.5	5.0	µg/L	1	4/23/2009 10:34 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/23/2009 10:34 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/23/2009 10:34 AM
Toluene	ND	2.6	5.0	µg/L	1	4/23/2009 10:34 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/23/2009 10:34 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/23/2009 10:34 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/23/2009 10:34 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/23/2009 10:34 AM
Surr: 1,2-Dichloroethane-d4	103	0	70-130	%REC	1	4/23/2009 10:34 AM
Surr: 4-Bromofluorobenzene	112	0	70-130	%REC	1	4/23/2009 10:34 AM
Surr: Dibromofluoromethane	111	0	70-130	%REC	1	4/23/2009 10:34 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: T090423LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: LCSS	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701973						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

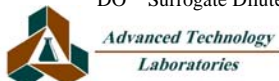
1,1-Dichloroethene	49.920	5.0	50.00	0	99.8	70	130				
Benzene	104.690	5.0	100.0	0	105	70	130				
Chlorobenzene	50.000	5.0	50.00	0	100	70	130				
MTBE	51.770	5.0	50.00	0	104	70	130				
Toluene	107.750	5.0	100.0	0	108	70	130				
Trichloroethene	45.220	5.0	50.00	0	90.4	70	130				
Surr: 1,2-Dichloroethane-d4	48.140		50.00		96.3	68	147				
Surr: 4-Bromofluorobenzene	51.050		50.00		102	67	127				
Surr: Dibromofluoromethane	50.770		50.00		102	72	141				
Surr: Toluene-d8	55.970		50.00		112	75	120				

Sample ID: 105191-002AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701974						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.530	5.0	50.00	0	91.1	70	130				
Benzene	95.310	5.0	100.0	0	95.3	70	130				
Chlorobenzene	44.850	5.0	50.00	0	89.7	70	130				
Toluene	97.110	5.0	100.0	0	97.1	70	130				
Trichloroethene	40.840	5.0	50.00	0	81.7	70	130				
Surr: 1,2-Dichloroethane-d4	47.180		50.00		94.4	68	147				
Surr: 4-Bromofluorobenzene	48.470		50.00		96.9	67	127				
Surr: Dibromofluoromethane	49.440		50.00		98.9	72	141				
Surr: Toluene-d8	54.200		50.00		108	75	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

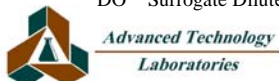
TestCode: 8260_S_5035

Sample ID: 105191-002AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701975							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.910	5.0	50.00	0	99.8	70	130	45.53	9.18	20	
Benzene	104.420	5.0	100.0	0	104	70	130	95.31	9.12	20	
Chlorobenzene	49.330	5.0	50.00	0	98.7	70	130	44.85	9.51	20	
Toluene	106.110	5.0	100.0	0	106	70	130	97.11	8.86	20	
Trichloroethene	45.350	5.0	50.00	0	90.7	70	130	40.84	10.5	20	
Surr: 1,2-Dichloroethane-d4	44.150		50.00		88.3	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.740		50.00		95.5	67	127		0	20	
Surr: Dibromofluoromethane	48.230		50.00		96.5	72	141		0	20	
Surr: Toluene-d8	53.450		50.00		107	75	120		0	20	

Sample ID: T090423MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: PBS	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701976							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

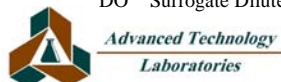
TestCode: 8260_S_5035

Sample ID: T090423MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434
Client ID: PBS	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701976

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

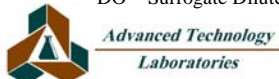
TestCode: 8260_S_5035

Sample ID: T090423MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: PBS	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701976							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	45.560		50.00		91.1	68	147				
Surr: 4-Bromofluorobenzene	48.250		50.00		96.5	67	127				
Surr: Dibromofluoromethane	47.800		50.00		95.6	72	141				
Surr: Toluene-d8	53.240		50.00		106	75	120				

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701976							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

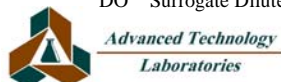
TestCode: 8260_S_5035

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434
Client ID: ZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701978

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

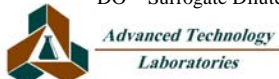
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105191-002ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108434						
Client ID: ZZZZZZ	Batch ID: T09VS106	TestNo: EPA 8260B	Analysis Date: 4/23/2009	SeqNo: 1701978							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	45.710		50.00		91.4	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.000		50.00		94.0	67	127		0	20	
Surr: Dibromofluoromethane	49.060		50.00		98.1	72	141		0	20	
Surr: Toluene-d8	52.990		50.00		106	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

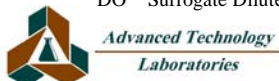
Sample ID: Q090423LCS1	SampType: LCS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: LCSW	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701519						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	17.480	5.0	20.00	0	87.4	70	130				
Benzene	38.430	5.0	40.00	0	96.1	70	130				
Chlorobenzene	20.260	5.0	20.00	0	101	70	130				
MTBE	20.630	5.0	20.00	0	103	70	130				
Toluene	38.060	5.0	40.00	0	95.2	70	130				
Trichloroethene	15.830	5.0	20.00	0	79.2	70	130				
Surr: 1,2-Dichloroethane-d4	25.310		25.00		101	70	130				
Surr: 4-Bromofluorobenzene	29.820		25.00		119	70	130				
Surr: Dibromofluoromethane	27.530		25.00		110	70	130				
Surr: Toluene-d8	27.730		25.00		111	70	130				

Sample ID: Q090423MB2MS	SampType: MS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: ZZZZZ	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701520						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	17.870	5.0	20.00	0	89.4	70	130				
Benzene	38.170	5.0	40.00	0	95.4	70	130				
Chlorobenzene	20.050	5.0	20.00	0	100	70	130				
Toluene	37.310	5.0	40.00	0	93.3	70	130				
Trichloroethene	16.120	5.0	20.00	0	80.6	70	130				
Surr: 1,2-Dichloroethane-d4	26.630		25.00		107	70	130				
Surr: 4-Bromofluorobenzene	30.860		25.00		123	70	130				
Surr: Dibromofluoromethane	28.720		25.00		115	70	130				
Surr: Toluene-d8	28.080		25.00		112	70	130				

Sample ID: Q090423MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: ZZZZZ	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701521						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	16.090	5.0	20.00	0	80.4	70	130	17.87	10.5	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

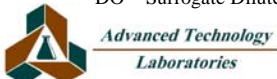
TestCode: 8260_WP

Sample ID: Q090423MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: ZZZZZ	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701521						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	33.850	5.0	40.00	0	84.6	70	130	38.17	12.0	20	
Chlorobenzene	17.990	5.0	20.00	0	90.0	70	130	20.05	10.8	20	
Toluene	33.350	5.0	40.00	0	83.4	70	130	37.31	11.2	20	
Trichloroethene	14.020	5.0	20.00	0	70.1	70	130	16.12	13.9	20	
Surr: 1,2-Dichloroethane-d4	27.630		25.00		111	70	130		0	20	
Surr: 4-Bromofluorobenzene	31.210		25.00		125	70	130		0	20	
Surr: Dibromofluoromethane	29.320		25.00		117	70	130		0	20	
Surr: Toluene-d8	28.210		25.00		113	70	130		0	20	

Sample ID: Q090423MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: PBW	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

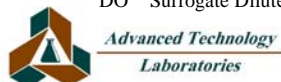
TestCode: 8260_WP

Sample ID: Q090423MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420
Client ID: PBW	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701522

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

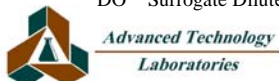
TestCode: 8260_WP

Sample ID: Q090423MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: PBW	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	25.260		25.00		101	70	130				
Surr: 4-Bromofluorobenzene	28.940		25.00		116	70	130				
Surr: Dibromofluoromethane	27.010		25.00		108	70	130				
Surr: Toluene-d8	25.950		25.00		104	70	130				

Sample ID: 105173-010A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: QC EB-2	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

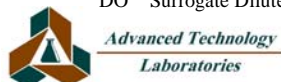
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105173-010A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: QC EB-2	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	5.0						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chloroethyl vinyl ether	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
2-Hexanone	ND	50						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
4-Methyl-2-pentanone	ND	50						0	0	20	
Acetone	ND	50						0	0	20	
Acrolein	ND	50						0	0	20	
Acrylonitrile	ND	50						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromochloromethane	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon disulfide	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

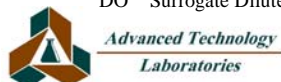
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105173-010A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: QC EB-2	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Cyclohexanone	ND	50						0	0	20	
Di-isopropyl ether	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethyl Acetate	ND	50						0	0	20	
Ethyl Ether	ND	50						0	0	20	
Ethyl tert-butyl ether	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Iodomethane	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
Tert-amyl methyl ether	ND	5.0						0	0	20	
Tert-Butanol	ND	100						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

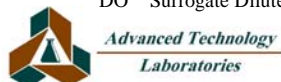
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105173-010A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108420						
Client ID: QC EB-2	Batch ID: Q09VW082	TestNo: EPA 8260B		Analysis Date: 4/23/2009	SeqNo: 1701525						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
trans-1,3-Dichloropropene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl acetate	ND	50						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	25.470		25.00		102	70	130		0	20	
Surr: 4-Bromofluorobenzene	28.970		25.00		116	70	130		0	20	
Surr: Dibromofluoromethane	27.180		25.00		109	70	130		0	20	
Surr: Toluene-d8	24.380		25.00		97.5	70	130		0	20	

Qualifiers:

- | | | |
|---|--|--|
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May 01, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 105210

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 23, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 01-May-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105210**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-001A	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001B	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001C	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001D	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001E	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001F	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-001G	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/1/2009
105210-002A	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002B	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002C	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002D	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002E	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002F	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-002G	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/1/2009
105210-003A	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003B	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003C	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003D	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003E	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003F	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-003G	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/1/2009
105210-004A	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004B	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004C	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004D	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004E	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004F	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-004G	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/1/2009
105210-005A	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009



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105210-005B	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-005C	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-005D	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-005E	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-005F	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-005G	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/1/2009
105210-006A	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006B	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006C	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006D	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006E	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006F	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-006G	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/1/2009
105210-007A	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007B	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007C	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007D	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007E	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007F	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-007G	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/1/2009
105210-008A	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008B	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008C	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008D	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008E	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008F	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-008G	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009A	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009B	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009C	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009



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105210-009D	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009E	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009F	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-009G	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/1/2009
105210-010A	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010B	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010C	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010D	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010E	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010F	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-010G	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/1/2009
105210-011A	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011B	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011C	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011D	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011E	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011F	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-011G	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/1/2009
105210-012A	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012B	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012C	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012D	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012E	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012F	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-012G	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013A	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013B	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013C	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013D	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013E	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009



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105210-013F	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-013G	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/1/2009
105210-014A	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014B	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014C	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014D	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014E	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014F	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-014G	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/1/2009
105210-015A	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015B	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015C	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015D	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015E	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015F	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-015G	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/1/2009
105210-016A	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016B	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016C	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016D	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016E	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016F	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-016G	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/1/2009
105210-017A	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017B	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017C	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017D	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017E	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017F	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009
105210-017G	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/1/2009



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105210-018A	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018B	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018C	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018D	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018E	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018F	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-018G	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/1/2009
105210-019A	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019B	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019C	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019D	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019E	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019F	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-019G	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/1/2009
105210-020A	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020B	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020C	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020D	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020E	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020F	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-020G	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/1/2009
105210-021A	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021B	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021C	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021D	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021E	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021F	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-021G	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/1/2009
105210-022A	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-022B	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009



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105210-022C	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-022D	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-022E	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-022F	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-022G	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/1/2009
105210-023A	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023B	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023C	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023D	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023E	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023F	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-023G	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/1/2009
105210-024A	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024B	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024C	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024D	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024E	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024F	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-024G	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/1/2009
105210-025A	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025B	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025C	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025D	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025E	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025F	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-025G	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/1/2009
105210-026A	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-026B	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-026C	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-026D	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009



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105210-026E	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-026F	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-026G	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/1/2009
105210-027A	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027B	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027C	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027D	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027E	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027F	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-027G	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/1/2009
105210-028A	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028B	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028C	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028D	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028E	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028F	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-028G	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/1/2009
105210-029A	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029B	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029C	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029D	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029E	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029F	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-029G	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030A	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030B	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030C	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030D	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030E	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-030F	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-030G	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/1/2009
105210-031A	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/1/2009
105210-031B	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/1/2009
105210-031C	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/1/2009
105210-031D	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/1/2009
105210-032A	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/1/2009
105210-032B	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/1/2009
105210-032C	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/1/2009
105210-032D	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/1/2009
105210-033A	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/1/2009
105210-033B	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/1/2009
105210-033C	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/1/2009
105210-033D	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/1/2009
105210-034A	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/1/2009
105210-034B	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/1/2009
105210-034C	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/1/2009
105210-034D	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/1/2009
105210-035A	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/1/2009
105210-035B	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/1/2009
105210-035C	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/1/2009
105210-035D	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/1/2009
105210-036A	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/1/2009
105210-036B	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/1/2009
105210-036C	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/1/2009
105210-036D	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/1/2009
105210-037A	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/1/2009
105210-037B	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/1/2009
105210-037C	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/1/2009
105210-037D	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/1/2009
105210-038A	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-038B	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/1/2009
105210-038C	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/1/2009
105210-038D	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/1/2009
105210-039A	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/1/2009
105210-039B	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/1/2009
105210-039C	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/1/2009
105210-039D	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/1/2009
105210-040A	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/1/2009
105210-040B	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/1/2009
105210-040C	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/1/2009
105210-040D	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/1/2009
105210-041A	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/1/2009
105210-041B	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/1/2009
105210-041C	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/1/2009
105210-041D	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/1/2009
105210-042A	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-042B	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-042C	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-042D	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-043A	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-043B	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-043C	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-043D	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/1/2009
105210-044A	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/1/2009
105210-044B	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/1/2009
105210-044C	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/1/2009
105210-044D	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/1/2009
105210-045A	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/1/2009
105210-045B	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/1/2009
105210-045C	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-045D	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/1/2009
105210-046A	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/1/2009
105210-046B	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/1/2009
105210-046C	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/1/2009
105210-046D	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/1/2009
105210-047A	QCEB-3	Water	4/23/2009 4:15:00 PM	4/23/2009	5/1/2009
105210-048A	Trip Blank	Water	4/23/2009	4/23/2009	5/1/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Analytical Comments for EPA 8260B

1. Samples 105070-001AMS, 105070-001AMSD, 105070-007AMS and 105070-007AMSD, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).
2. Sample 105188-001AMSD, RPD for Matrix Spike Duplicate (MSD) is outside criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).
2. Sample 105188-001A, surrogate recovery biased low possibly due to matrix interferences. The analytical batch was validated by the Laboratory Control Sample (LCS).



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-001A

Client Sample ID: 1001-115-2-S
Collection Date: 4/23/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1,1-Trichloroethane	ND 0.57	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1,2-Trichloroethane	ND 1.4	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1-Dichloroethane	ND 0.44	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,1-Dichloropropene	ND 1.3	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2,3-Trichlorobenzene	ND 0.91	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2,3-Trichloropropane	ND 0.66	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2,4-Trichlorobenzene	ND 1.2	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2,4-Trimethylbenzene	ND 0.76	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2-Dibromo-3-chloropropane	ND 1.7	8.8	µg/Kg 1 4/24/2009 01:16 PM
1,2-Dibromoethane	ND 1.3	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2-Dichlorobenzene	ND 0.73	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2-Dichloroethane	ND 1.0	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,3,5-Trimethylbenzene	ND 0.88	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,3-Dichlorobenzene	ND 0.89	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,3-Dichloropropane	ND 0.93	4.4	µg/Kg 1 4/24/2009 01:16 PM
1,4-Dichlorobenzene	ND 1.1	4.4	µg/Kg 1 4/24/2009 01:16 PM
2,2-Dichloropropane	ND 0.77	4.4	µg/Kg 1 4/24/2009 01:16 PM
2-Chlorotoluene	ND 0.58	4.4	µg/Kg 1 4/24/2009 01:16 PM
4-Chlorotoluene	ND 0.59	4.4	µg/Kg 1 4/24/2009 01:16 PM
4-Isopropyltoluene	ND 0.50	4.4	µg/Kg 1 4/24/2009 01:16 PM
Benzene	ND 0.72	4.4	µg/Kg 1 4/24/2009 01:16 PM
Bromobenzene	ND 1.4	4.4	µg/Kg 1 4/24/2009 01:16 PM
Bromodichloromethane	ND 0.75	4.4	µg/Kg 1 4/24/2009 01:16 PM
Bromoform	ND 1.1	4.4	µg/Kg 1 4/24/2009 01:16 PM
Bromomethane	ND 0.77	4.4	µg/Kg 1 4/24/2009 01:16 PM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/24/2009 01:16 PM
Chlorobenzene	ND 0.79	4.4	µg/Kg 1 4/24/2009 01:16 PM
Chloroethane	ND 1.2	4.4	µg/Kg 1 4/24/2009 01:16 PM
Chloroform	ND 0.55	4.4	µg/Kg 1 4/24/2009 01:16 PM
Chloromethane	ND 0.72	4.4	µg/Kg 1 4/24/2009 01:16 PM
cis-1,2-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/24/2009 01:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-001A

Client Sample ID: 1001-115-2-S
Collection Date: 4/23/2009 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.4	µg/Kg	1	4/24/2009 01:16 PM
Dibromochloromethane	ND	0.60	4.4	µg/Kg	1	4/24/2009 01:16 PM
Dibromomethane	ND	1.5	4.4	µg/Kg	1	4/24/2009 01:16 PM
Dichlorodifluoromethane	ND	0.53	4.4	µg/Kg	1	4/24/2009 01:16 PM
Ethylbenzene	ND	0.80	4.4	µg/Kg	1	4/24/2009 01:16 PM
Hexachlorobutadiene	ND	3.0	4.4	µg/Kg	1	4/24/2009 01:16 PM
Isopropylbenzene	ND	1.1	4.4	µg/Kg	1	4/24/2009 01:16 PM
m,p-Xylene	ND	1.5	8.8	µg/Kg	1	4/24/2009 01:16 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/24/2009 01:16 PM
n-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/24/2009 01:16 PM
n-Propylbenzene	ND	0.80	4.4	µg/Kg	1	4/24/2009 01:16 PM
Naphthalene	ND	1.5	4.4	µg/Kg	1	4/24/2009 01:16 PM
o-Xylene	ND	0.90	4.4	µg/Kg	1	4/24/2009 01:16 PM
sec-Butylbenzene	ND	0.75	4.4	µg/Kg	1	4/24/2009 01:16 PM
Styrene	ND	0.79	4.4	µg/Kg	1	4/24/2009 01:16 PM
tert-Butylbenzene	ND	0.54	4.4	µg/Kg	1	4/24/2009 01:16 PM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/24/2009 01:16 PM
Toluene	ND	0.73	4.4	µg/Kg	1	4/24/2009 01:16 PM
trans-1,2-Dichloroethene	ND	0.87	4.4	µg/Kg	1	4/24/2009 01:16 PM
Trichloroethene	ND	1.7	4.4	µg/Kg	1	4/24/2009 01:16 PM
Trichlorofluoromethane	ND	1.0	4.4	µg/Kg	1	4/24/2009 01:16 PM
Vinyl chloride	ND	0.52	4.4	µg/Kg	1	4/24/2009 01:16 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/24/2009 01:16 PM
Surr: 4-Bromofluorobenzene	96.5	0	67-127	%REC	1	4/24/2009 01:16 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/24/2009 01:16 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/24/2009 01:16 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-002A

Client Sample ID: 1001-115-5-S
Collection Date: 4/23/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1,1-Trichloroethane	ND 0.60	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1,2-Trichloroethane	ND 1.5	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1-Dichloroethane	ND 0.47	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2,3-Trichlorobenzene	ND 0.97	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2,3-Trichloropropane	ND 0.70	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2,4-Trimethylbenzene	ND 0.80	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.4	µg/Kg 1 4/24/2009 01:36 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2-Dichlorobenzene	ND 0.78	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,3,5-Trimethylbenzene	ND 0.94	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,3-Dichlorobenzene	ND 0.94	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,3-Dichloropropane	ND 0.99	4.7	µg/Kg 1 4/24/2009 01:36 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/24/2009 01:36 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/24/2009 01:36 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/24/2009 01:36 PM
4-Chlorotoluene	ND 0.63	4.7	µg/Kg 1 4/24/2009 01:36 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/24/2009 01:36 PM
Benzene	ND 0.77	4.7	µg/Kg 1 4/24/2009 01:36 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/24/2009 01:36 PM
Bromodichloromethane	ND 0.80	4.7	µg/Kg 1 4/24/2009 01:36 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/24/2009 01:36 PM
Bromomethane	ND 0.82	4.7	µg/Kg 1 4/24/2009 01:36 PM
Carbon tetrachloride	ND 1.2	4.7	µg/Kg 1 4/24/2009 01:36 PM
Chlorobenzene	ND 0.84	4.7	µg/Kg 1 4/24/2009 01:36 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/24/2009 01:36 PM
Chloroform	ND 0.58	4.7	µg/Kg 1 4/24/2009 01:36 PM
Chloromethane	ND 0.76	4.7	µg/Kg 1 4/24/2009 01:36 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/24/2009 01:36 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-002A

Client Sample ID: 1001-115-5-S
Collection Date: 4/23/2009 8:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/24/2009 01:36 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/24/2009 01:36 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/24/2009 01:36 PM
Dichlorodifluoromethane	ND	0.56	4.7	µg/Kg	1	4/24/2009 01:36 PM
Ethylbenzene	ND	0.85	4.7	µg/Kg	1	4/24/2009 01:36 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/24/2009 01:36 PM
Isopropylbenzene	ND	1.1	4.7	µg/Kg	1	4/24/2009 01:36 PM
m,p-Xylene	ND	1.6	9.4	µg/Kg	1	4/24/2009 01:36 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/24/2009 01:36 PM
n-Butylbenzene	ND	0.98	4.7	µg/Kg	1	4/24/2009 01:36 PM
n-Propylbenzene	ND	0.85	4.7	µg/Kg	1	4/24/2009 01:36 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/24/2009 01:36 PM
o-Xylene	ND	0.96	4.7	µg/Kg	1	4/24/2009 01:36 PM
sec-Butylbenzene	ND	0.80	4.7	µg/Kg	1	4/24/2009 01:36 PM
Styrene	ND	0.84	4.7	µg/Kg	1	4/24/2009 01:36 PM
tert-Butylbenzene	ND	0.57	4.7	µg/Kg	1	4/24/2009 01:36 PM
Tetrachloroethene	ND	0.99	4.7	µg/Kg	1	4/24/2009 01:36 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/24/2009 01:36 PM
trans-1,2-Dichloroethene	ND	0.93	4.7	µg/Kg	1	4/24/2009 01:36 PM
Trichloroethene	ND	1.8	4.7	µg/Kg	1	4/24/2009 01:36 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/24/2009 01:36 PM
Vinyl chloride	ND	0.55	4.7	µg/Kg	1	4/24/2009 01:36 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/24/2009 01:36 PM
Surr: 4-Bromofluorobenzene	93.8	0	67-127	%REC	1	4/24/2009 01:36 PM
Surr: Dibromofluoromethane	109	0	72-141	%REC	1	4/24/2009 01:36 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/24/2009 01:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-003A

Client Sample ID: 1001-115-10-S
Collection Date: 4/23/2009 8:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090424A	QC Batch:	T09VS107	PrepDate:	4/24/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.3	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1,1-Trichloroethane	ND	0.47	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1,2,2-Tetrachloroethane	ND	1.2	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1,2-Trichloroethane	ND	1.2	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1-Dichloroethane	ND	0.37	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1-Dichloroethene	ND	0.93	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,1-Dichloropropene	ND	1.1	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2,3-Trichlorobenzene	ND	0.76	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2,3-Trichloropropane	ND	0.55	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2,4-Trichlorobenzene	ND	0.99	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2,4-Trimethylbenzene	ND	0.63	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2-Dibromo-3-chloropropane	ND	1.4	7.4	µg/Kg	1	4/24/2009 01:55 PM	
1,2-Dibromoethane	ND	1.1	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2-Dichlorobenzene	ND	0.61	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2-Dichloroethane	ND	0.86	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,2-Dichloropropane	ND	1.2	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,3,5-Trimethylbenzene	ND	0.74	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,3-Dichlorobenzene	ND	0.74	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,3-Dichloropropane	ND	0.77	3.7	µg/Kg	1	4/24/2009 01:55 PM	
1,4-Dichlorobenzene	ND	0.88	3.7	µg/Kg	1	4/24/2009 01:55 PM	
2,2-Dichloropropane	ND	0.64	3.7	µg/Kg	1	4/24/2009 01:55 PM	
2-Chlorotoluene	ND	0.48	3.7	µg/Kg	1	4/24/2009 01:55 PM	
4-Chlorotoluene	ND	0.50	3.7	µg/Kg	1	4/24/2009 01:55 PM	
4-Isopropyltoluene	ND	0.42	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Benzene	ND	0.60	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Bromobenzene	ND	1.1	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Bromodichloromethane	ND	0.63	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Bromoform	ND	0.89	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Bromomethane	ND	0.64	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Carbon tetrachloride	ND	0.98	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Chlorobenzene	ND	0.66	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Chloroethane	ND	0.97	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Chloroform	ND	0.46	3.7	µg/Kg	1	4/24/2009 01:55 PM	
Chloromethane	ND	0.60	3.7	µg/Kg	1	4/24/2009 01:55 PM	
cis-1,2-Dichloroethene	ND	0.89	3.7	µg/Kg	1	4/24/2009 01:55 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-003A

Client Sample ID: 1001-115-10-S
Collection Date: 4/23/2009 8:05:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	0.94	3.7	µg/Kg	1	4/24/2009 01:55 PM
Dibromochloromethane	ND	0.50	3.7	µg/Kg	1	4/24/2009 01:55 PM
Dibromomethane	ND	1.2	3.7	µg/Kg	1	4/24/2009 01:55 PM
Dichlorodifluoromethane	ND	0.44	3.7	µg/Kg	1	4/24/2009 01:55 PM
Ethylbenzene	ND	0.67	3.7	µg/Kg	1	4/24/2009 01:55 PM
Hexachlorobutadiene	ND	2.5	3.7	µg/Kg	1	4/24/2009 01:55 PM
Isopropylbenzene	ND	0.90	3.7	µg/Kg	1	4/24/2009 01:55 PM
m,p-Xylene	ND	1.2	7.4	µg/Kg	1	4/24/2009 01:55 PM
Methylene chloride	ND	3.7	3.7	µg/Kg	1	4/24/2009 01:55 PM
n-Butylbenzene	ND	0.77	3.7	µg/Kg	1	4/24/2009 01:55 PM
n-Propylbenzene	ND	0.66	3.7	µg/Kg	1	4/24/2009 01:55 PM
Naphthalene	ND	1.2	3.7	µg/Kg	1	4/24/2009 01:55 PM
o-Xylene	ND	0.76	3.7	µg/Kg	1	4/24/2009 01:55 PM
sec-Butylbenzene	ND	0.63	3.7	µg/Kg	1	4/24/2009 01:55 PM
Styrene	ND	0.66	3.7	µg/Kg	1	4/24/2009 01:55 PM
tert-Butylbenzene	ND	0.45	3.7	µg/Kg	1	4/24/2009 01:55 PM
Tetrachloroethene	ND	0.78	3.7	µg/Kg	1	4/24/2009 01:55 PM
Toluene	ND	0.61	3.7	µg/Kg	1	4/24/2009 01:55 PM
trans-1,2-Dichloroethene	ND	0.73	3.7	µg/Kg	1	4/24/2009 01:55 PM
Trichloroethene	ND	1.4	3.7	µg/Kg	1	4/24/2009 01:55 PM
Trichlorofluoromethane	ND	0.85	3.7	µg/Kg	1	4/24/2009 01:55 PM
Vinyl chloride	ND	0.43	3.7	µg/Kg	1	4/24/2009 01:55 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/24/2009 01:55 PM
Surr: 4-Bromofluorobenzene	99.1	0	67-127	%REC	1	4/24/2009 01:55 PM
Surr: Dibromofluoromethane	108	0	72-141	%REC	1	4/24/2009 01:55 PM
Surr: Toluene-d8	111	0	75-120	%REC	1	4/24/2009 01:55 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-004A

Client Sample ID: 1001-115-20-S
Collection Date: 4/23/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.7	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1,1-Trichloroethane	ND 0.63	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1,2-Trichloroethane	ND 1.6	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1-Dichloroethane	ND 0.49	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,1-Dichloropropene	ND 1.5	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2,3-Trichlorobenzene	ND 1.0	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2,3-Trichloropropane	ND 0.73	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2,4-Trichlorobenzene	ND 1.3	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2,4-Trimethylbenzene	ND 0.84	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2-Dibromo-3-chloropropane	ND 1.9	9.8	µg/Kg 1 4/24/2009 02:15 PM
1,2-Dibromoethane	ND 1.4	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2-Dichlorobenzene	ND 0.81	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2-Dichloroethane	ND 1.1	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,2-Dichloropropane	ND 1.5	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,3,5-Trimethylbenzene	ND 0.98	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,3-Dichlorobenzene	ND 0.98	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,3-Dichloropropane	ND 1.0	4.9	µg/Kg 1 4/24/2009 02:15 PM
1,4-Dichlorobenzene	ND 1.2	4.9	µg/Kg 1 4/24/2009 02:15 PM
2,2-Dichloropropane	ND 0.85	4.9	µg/Kg 1 4/24/2009 02:15 PM
2-Chlorotoluene	ND 0.64	4.9	µg/Kg 1 4/24/2009 02:15 PM
4-Chlorotoluene	ND 0.66	4.9	µg/Kg 1 4/24/2009 02:15 PM
4-Isopropyltoluene	ND 0.56	4.9	µg/Kg 1 4/24/2009 02:15 PM
Benzene	ND 0.80	4.9	µg/Kg 1 4/24/2009 02:15 PM
Bromobenzene	ND 1.5	4.9	µg/Kg 1 4/24/2009 02:15 PM
Bromodichloromethane	ND 0.83	4.9	µg/Kg 1 4/24/2009 02:15 PM
Bromoform	ND 1.2	4.9	µg/Kg 1 4/24/2009 02:15 PM
Bromomethane	ND 0.85	4.9	µg/Kg 1 4/24/2009 02:15 PM
Carbon tetrachloride	ND 1.3	4.9	µg/Kg 1 4/24/2009 02:15 PM
Chlorobenzene	ND 0.88	4.9	µg/Kg 1 4/24/2009 02:15 PM
Chloroethane	ND 1.3	4.9	µg/Kg 1 4/24/2009 02:15 PM
Chloroform	ND 0.61	4.9	µg/Kg 1 4/24/2009 02:15 PM
Chloromethane	ND 0.80	4.9	µg/Kg 1 4/24/2009 02:15 PM
cis-1,2-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/24/2009 02:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-004A

Client Sample ID: 1001-115-20-S
Collection Date: 4/23/2009 8:10:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.9	µg/Kg	1	4/24/2009 02:15 PM
Dibromochloromethane	ND	0.67	4.9	µg/Kg	1	4/24/2009 02:15 PM
Dibromomethane	ND	1.6	4.9	µg/Kg	1	4/24/2009 02:15 PM
Dichlorodifluoromethane	ND	0.59	4.9	µg/Kg	1	4/24/2009 02:15 PM
Ethylbenzene	ND	0.89	4.9	µg/Kg	1	4/24/2009 02:15 PM
Hexachlorobutadiene	ND	3.3	4.9	µg/Kg	1	4/24/2009 02:15 PM
Isopropylbenzene	ND	1.2	4.9	µg/Kg	1	4/24/2009 02:15 PM
m,p-Xylene	ND	1.6	9.8	µg/Kg	1	4/24/2009 02:15 PM
Methylene chloride	ND	4.9	4.9	µg/Kg	1	4/24/2009 02:15 PM
n-Butylbenzene	ND	1.0	4.9	µg/Kg	1	4/24/2009 02:15 PM
n-Propylbenzene	ND	0.88	4.9	µg/Kg	1	4/24/2009 02:15 PM
Naphthalene	ND	1.6	4.9	µg/Kg	1	4/24/2009 02:15 PM
o-Xylene	ND	1.0	4.9	µg/Kg	1	4/24/2009 02:15 PM
sec-Butylbenzene	ND	0.83	4.9	µg/Kg	1	4/24/2009 02:15 PM
Styrene	ND	0.87	4.9	µg/Kg	1	4/24/2009 02:15 PM
tert-Butylbenzene	ND	0.59	4.9	µg/Kg	1	4/24/2009 02:15 PM
Tetrachloroethene	ND	1.0	4.9	µg/Kg	1	4/24/2009 02:15 PM
Toluene	ND	0.81	4.9	µg/Kg	1	4/24/2009 02:15 PM
trans-1,2-Dichloroethene	ND	0.97	4.9	µg/Kg	1	4/24/2009 02:15 PM
Trichloroethene	ND	1.9	4.9	µg/Kg	1	4/24/2009 02:15 PM
Trichlorofluoromethane	ND	1.1	4.9	µg/Kg	1	4/24/2009 02:15 PM
Vinyl chloride	ND	0.58	4.9	µg/Kg	1	4/24/2009 02:15 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/24/2009 02:15 PM
Surr: 4-Bromofluorobenzene	90.2	0	67-127	%REC	1	4/24/2009 02:15 PM
Surr: Dibromofluoromethane	108	0	72-141	%REC	1	4/24/2009 02:15 PM
Surr: Toluene-d8	105	0	75-120	%REC	1	4/24/2009 02:15 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-005A

Client Sample ID: 1001-115-25-S
Collection Date: 4/23/2009 8:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.8	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1,1-Trichloroethane	ND 0.67	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1,2,2-Tetrachloroethane	ND 1.6	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1,2-Trichloroethane	ND 1.7	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1-Dichloroethane	ND 0.52	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1-Dichloroethene	ND 1.3	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,1-Dichloropropene	ND 1.6	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2,3-Trichlorobenzene	ND 1.1	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2,3-Trichloropropane	ND 0.78	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2,4-Trichlorobenzene	ND 1.4	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2,4-Trimethylbenzene	ND 0.89	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2-Dibromo-3-chloropropane	ND 2.0	10	µg/Kg 1 4/24/2009 02:35 PM
1,2-Dibromoethane	ND 1.5	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2-Dichlorobenzene	ND 0.86	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2-Dichloroethane	ND 1.2	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,2-Dichloropropane	ND 1.6	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,3,5-Trimethylbenzene	ND 1.0	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,3-Dichlorobenzene	ND 1.0	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,3-Dichloropropane	ND 1.1	5.2	µg/Kg 1 4/24/2009 02:35 PM
1,4-Dichlorobenzene	ND 1.2	5.2	µg/Kg 1 4/24/2009 02:35 PM
2,2-Dichloropropane	ND 0.91	5.2	µg/Kg 1 4/24/2009 02:35 PM
2-Chlorotoluene	ND 0.69	5.2	µg/Kg 1 4/24/2009 02:35 PM
4-Chlorotoluene	ND 0.70	5.2	µg/Kg 1 4/24/2009 02:35 PM
4-Isopropyltoluene	ND 0.59	5.2	µg/Kg 1 4/24/2009 02:35 PM
Benzene	ND 0.85	5.2	µg/Kg 1 4/24/2009 02:35 PM
Bromobenzene	ND 1.6	5.2	µg/Kg 1 4/24/2009 02:35 PM
Bromodichloromethane	ND 0.89	5.2	µg/Kg 1 4/24/2009 02:35 PM
Bromoform	ND 1.3	5.2	µg/Kg 1 4/24/2009 02:35 PM
Bromomethane	ND 0.91	5.2	µg/Kg 1 4/24/2009 02:35 PM
Carbon tetrachloride	ND 1.4	5.2	µg/Kg 1 4/24/2009 02:35 PM
Chlorobenzene	ND 0.93	5.2	µg/Kg 1 4/24/2009 02:35 PM
Chloroethane	ND 1.4	5.2	µg/Kg 1 4/24/2009 02:35 PM
Chloroform	ND 0.64	5.2	µg/Kg 1 4/24/2009 02:35 PM
Chloromethane	ND 0.85	5.2	µg/Kg 1 4/24/2009 02:35 PM
cis-1,2-Dichloroethene	ND 1.3	5.2	µg/Kg 1 4/24/2009 02:35 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-005A

Client Sample ID: 1001-115-25-S
Collection Date: 4/23/2009 8:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: M55_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.3	5.2	µg/Kg	1	4/24/2009 02:35 PM
Dibromochloromethane	ND	0.71	5.2	µg/Kg	1	4/24/2009 02:35 PM
Dibromomethane	ND	1.8	5.2	µg/Kg	1	4/24/2009 02:35 PM
Dichlorodifluoromethane	ND	0.62	5.2	µg/Kg	1	4/24/2009 02:35 PM
Ethylbenzene	ND	0.95	5.2	µg/Kg	1	4/24/2009 02:35 PM
Hexachlorobutadiene	ND	3.5	5.2	µg/Kg	1	4/24/2009 02:35 PM
Isopropylbenzene	ND	1.3	5.2	µg/Kg	1	4/24/2009 02:35 PM
m,p-Xylene	ND	1.8	10	µg/Kg	1	4/24/2009 02:35 PM
Methylene chloride	ND	5.2	5.2	µg/Kg	1	4/24/2009 02:35 PM
n-Butylbenzene	ND	1.1	5.2	µg/Kg	1	4/24/2009 02:35 PM
n-Propylbenzene	ND	0.94	5.2	µg/Kg	1	4/24/2009 02:35 PM
Naphthalene	ND	1.7	5.2	µg/Kg	1	4/24/2009 02:35 PM
o-Xylene	ND	1.1	5.2	µg/Kg	1	4/24/2009 02:35 PM
sec-Butylbenzene	ND	0.89	5.2	µg/Kg	1	4/24/2009 02:35 PM
Styrene	ND	0.93	5.2	µg/Kg	1	4/24/2009 02:35 PM
tert-Butylbenzene	ND	0.63	5.2	µg/Kg	1	4/24/2009 02:35 PM
Tetrachloroethene	ND	1.1	5.2	µg/Kg	1	4/24/2009 02:35 PM
Toluene	ND	0.86	5.2	µg/Kg	1	4/24/2009 02:35 PM
trans-1,2-Dichloroethene	ND	1.0	5.2	µg/Kg	1	4/24/2009 02:35 PM
Trichloroethene	ND	2.0	5.2	µg/Kg	1	4/24/2009 02:35 PM
Trichlorofluoromethane	ND	1.2	5.2	µg/Kg	1	4/24/2009 02:35 PM
Vinyl chloride	ND	0.61	5.2	µg/Kg	1	4/24/2009 02:35 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/24/2009 02:35 PM
Surr: 4-Bromofluorobenzene	93.2	0	67-127	%REC	1	4/24/2009 02:35 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/24/2009 02:35 PM
Surr: Toluene-d8	112	0	75-120	%REC	1	4/24/2009 02:35 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-006A

Client Sample ID: 1001-115-30-S
Collection Date: 4/23/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.2	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1,1-Trichloroethane	ND 0.84	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1,2,2-Tetrachloroethane	ND 2.0	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1,2-Trichloroethane	ND 2.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1-Dichloroethane	ND 0.66	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1-Dichloroethene	ND 1.6	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,1-Dichloropropene	ND 2.0	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2,3-Trichlorobenzene	ND 1.3	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2,3-Trichloropropane	ND 0.97	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2,4-Trichlorobenzene	ND 1.7	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2,4-Trimethylbenzene	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2-Dibromo-3-chloropropane	ND 2.5	13	µg/Kg 1 4/24/2009 02:54 PM
1,2-Dibromoethane	ND 1.9	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2-Dichlorobenzene	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2-Dichloroethane	ND 1.5	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,2-Dichloropropane	ND 2.0	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,3,5-Trimethylbenzene	ND 1.3	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,3-Dichlorobenzene	ND 1.3	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,3-Dichloropropane	ND 1.4	6.5	µg/Kg 1 4/24/2009 02:54 PM
1,4-Dichlorobenzene	ND 1.6	6.5	µg/Kg 1 4/24/2009 02:54 PM
2,2-Dichloropropane	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
2-Chlorotoluene	ND 0.86	6.5	µg/Kg 1 4/24/2009 02:54 PM
4-Chlorotoluene	ND 0.88	6.5	µg/Kg 1 4/24/2009 02:54 PM
4-Isopropyltoluene	ND 0.74	6.5	µg/Kg 1 4/24/2009 02:54 PM
Benzene	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
Bromobenzene	ND 2.0	6.5	µg/Kg 1 4/24/2009 02:54 PM
Bromodichloromethane	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
Bromoform	ND 1.6	6.5	µg/Kg 1 4/24/2009 02:54 PM
Bromomethane	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
Carbon tetrachloride	ND 1.7	6.5	µg/Kg 1 4/24/2009 02:54 PM
Chlorobenzene	ND 1.2	6.5	µg/Kg 1 4/24/2009 02:54 PM
Chloroethane	ND 1.7	6.5	µg/Kg 1 4/24/2009 02:54 PM
Chloroform	ND 0.81	6.5	µg/Kg 1 4/24/2009 02:54 PM
Chloromethane	ND 1.1	6.5	µg/Kg 1 4/24/2009 02:54 PM
cis-1,2-Dichloroethene	ND 1.6	6.5	µg/Kg 1 4/24/2009 02:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-006A

Client Sample ID: 1001-115-30-S
Collection Date: 4/23/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.7	6.5	µg/Kg	1	4/24/2009 02:54 PM
Dibromochloromethane	ND	0.88	6.5	µg/Kg	1	4/24/2009 02:54 PM
Dibromomethane	ND	2.2	6.5	µg/Kg	1	4/24/2009 02:54 PM
Dichlorodifluoromethane	ND	0.78	6.5	µg/Kg	1	4/24/2009 02:54 PM
Ethylbenzene	ND	1.2	6.5	µg/Kg	1	4/24/2009 02:54 PM
Hexachlorobutadiene	ND	4.4	6.5	µg/Kg	1	4/24/2009 02:54 PM
Isopropylbenzene	ND	1.6	6.5	µg/Kg	1	4/24/2009 02:54 PM
m,p-Xylene	ND	2.2	13	µg/Kg	1	4/24/2009 02:54 PM
Methylene chloride	ND	6.5	6.5	µg/Kg	1	4/24/2009 02:54 PM
n-Butylbenzene	ND	1.4	6.5	µg/Kg	1	4/24/2009 02:54 PM
n-Propylbenzene	ND	1.2	6.5	µg/Kg	1	4/24/2009 02:54 PM
Naphthalene	ND	2.2	6.5	µg/Kg	1	4/24/2009 02:54 PM
o-Xylene	ND	1.3	6.5	µg/Kg	1	4/24/2009 02:54 PM
sec-Butylbenzene	ND	1.1	6.5	µg/Kg	1	4/24/2009 02:54 PM
Styrene	ND	1.2	6.5	µg/Kg	1	4/24/2009 02:54 PM
tert-Butylbenzene	ND	0.79	6.5	µg/Kg	1	4/24/2009 02:54 PM
Tetrachloroethene	ND	1.4	6.5	µg/Kg	1	4/24/2009 02:54 PM
Toluene	ND	1.1	6.5	µg/Kg	1	4/24/2009 02:54 PM
trans-1,2-Dichloroethene	ND	1.3	6.5	µg/Kg	1	4/24/2009 02:54 PM
Trichloroethene	ND	2.6	6.5	µg/Kg	1	4/24/2009 02:54 PM
Trichlorofluoromethane	ND	1.5	6.5	µg/Kg	1	4/24/2009 02:54 PM
Vinyl chloride	ND	0.76	6.5	µg/Kg	1	4/24/2009 02:54 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/24/2009 02:54 PM
Surr: 4-Bromofluorobenzene	100	0	67-127	%REC	1	4/24/2009 02:54 PM
Surr: Dibromofluoromethane	114	0	72-141	%REC	1	4/24/2009 02:54 PM
Surr: Toluene-d8	116	0	75-120	%REC	1	4/24/2009 02:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-007A

Client Sample ID: 1001-115-35-S
Collection Date: 4/23/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.7	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1,1-Trichloroethane	ND 0.62	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1,2-Trichloroethane	ND 1.6	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1-Dichloroethane	ND 0.48	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1-Dichloroethene	ND 1.2	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,1-Dichloropropene	ND 1.5	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2,3-Trichlorobenzene	ND 0.99	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2,3-Trichloropropane	ND 0.72	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2,4-Trichlorobenzene	ND 1.3	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2,4-Trimethylbenzene	ND 0.82	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.6	µg/Kg 1 4/24/2009 03:14 PM
1,2-Dibromoethane	ND 1.4	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2-Dichlorobenzene	ND 0.80	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2-Dichloroethane	ND 1.1	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,2-Dichloropropane	ND 1.5	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,3,5-Trimethylbenzene	ND 0.96	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,3-Dichlorobenzene	ND 0.96	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,3-Dichloropropane	ND 1.0	4.8	µg/Kg 1 4/24/2009 03:14 PM
1,4-Dichlorobenzene	ND 1.1	4.8	µg/Kg 1 4/24/2009 03:14 PM
2,2-Dichloropropane	ND 0.83	4.8	µg/Kg 1 4/24/2009 03:14 PM
2-Chlorotoluene	ND 0.63	4.8	µg/Kg 1 4/24/2009 03:14 PM
4-Chlorotoluene	ND 0.65	4.8	µg/Kg 1 4/24/2009 03:14 PM
4-Isopropyltoluene	ND 0.55	4.8	µg/Kg 1 4/24/2009 03:14 PM
Benzene	ND 0.79	4.8	µg/Kg 1 4/24/2009 03:14 PM
Bromobenzene	ND 1.5	4.8	µg/Kg 1 4/24/2009 03:14 PM
Bromodichloromethane	ND 0.82	4.8	µg/Kg 1 4/24/2009 03:14 PM
Bromoform	ND 1.2	4.8	µg/Kg 1 4/24/2009 03:14 PM
Bromomethane	ND 0.84	4.8	µg/Kg 1 4/24/2009 03:14 PM
Carbon tetrachloride	ND 1.3	4.8	µg/Kg 1 4/24/2009 03:14 PM
Chlorobenzene	ND 0.86	4.8	µg/Kg 1 4/24/2009 03:14 PM
Chloroethane	ND 1.3	4.8	µg/Kg 1 4/24/2009 03:14 PM
Chloroform	ND 0.59	4.8	µg/Kg 1 4/24/2009 03:14 PM
Chloromethane	ND 0.78	4.8	µg/Kg 1 4/24/2009 03:14 PM
cis-1,2-Dichloroethene	ND 1.2	4.8	µg/Kg 1 4/24/2009 03:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-007A

Client Sample ID: 1001-115-35-S
Collection Date: 4/23/2009 8:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: M55_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.8	µg/Kg	1	4/24/2009 03:14 PM
Dibromochloromethane	ND	0.65	4.8	µg/Kg	1	4/24/2009 03:14 PM
Dibromomethane	ND	1.6	4.8	µg/Kg	1	4/24/2009 03:14 PM
Dichlorodifluoromethane	ND	0.57	4.8	µg/Kg	1	4/24/2009 03:14 PM
Ethylbenzene	ND	0.87	4.8	µg/Kg	1	4/24/2009 03:14 PM
Hexachlorobutadiene	ND	3.2	4.8	µg/Kg	1	4/24/2009 03:14 PM
Isopropylbenzene	ND	1.2	4.8	µg/Kg	1	4/24/2009 03:14 PM
m,p-Xylene	ND	1.6	9.6	µg/Kg	1	4/24/2009 03:14 PM
Methylene chloride	ND	4.8	4.8	µg/Kg	1	4/24/2009 03:14 PM
n-Butylbenzene	ND	1.0	4.8	µg/Kg	1	4/24/2009 03:14 PM
n-Propylbenzene	ND	0.86	4.8	µg/Kg	1	4/24/2009 03:14 PM
Naphthalene	ND	1.6	4.8	µg/Kg	1	4/24/2009 03:14 PM
o-Xylene	ND	0.98	4.8	µg/Kg	1	4/24/2009 03:14 PM
sec-Butylbenzene	ND	0.82	4.8	µg/Kg	1	4/24/2009 03:14 PM
Styrene	ND	0.86	4.8	µg/Kg	1	4/24/2009 03:14 PM
tert-Butylbenzene	ND	0.58	4.8	µg/Kg	1	4/24/2009 03:14 PM
Tetrachloroethene	ND	1.0	4.8	µg/Kg	1	4/24/2009 03:14 PM
Toluene	ND	0.79	4.8	µg/Kg	1	4/24/2009 03:14 PM
trans-1,2-Dichloroethene	ND	0.95	4.8	µg/Kg	1	4/24/2009 03:14 PM
Trichloroethene	ND	1.9	4.8	µg/Kg	1	4/24/2009 03:14 PM
Trichlorofluoromethane	ND	1.1	4.8	µg/Kg	1	4/24/2009 03:14 PM
Vinyl chloride	ND	0.56	4.8	µg/Kg	1	4/24/2009 03:14 PM
Surr: 1,2-Dichloroethane-d4	105	0	68-147	%REC	1	4/24/2009 03:14 PM
Surr: 4-Bromofluorobenzene	92.0	0	67-127	%REC	1	4/24/2009 03:14 PM
Surr: Dibromofluoromethane	102	0	72-141	%REC	1	4/24/2009 03:14 PM
Surr: Toluene-d8	106	0	75-120	%REC	1	4/24/2009 03:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-008A

Client Sample ID: 1001-115-40-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1,1-Trichloroethane	ND 0.58	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1,2-Trichloroethane	ND 1.5	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1-Dichloroethane	ND 0.45	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,1-Dichloropropene	ND 1.4	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2,3-Trichlorobenzene	ND 0.93	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2,3-Trichloropropane	ND 0.67	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2,4-Trichlorobenzene	ND 1.2	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2,4-Trimethylbenzene	ND 0.77	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2-Dibromo-3-chloropropane	ND 1.7	9.0	µg/Kg 1 4/24/2009 03:33 PM
1,2-Dibromoethane	ND 1.3	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2-Dichlorobenzene	ND 0.75	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2-Dichloroethane	ND 1.1	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,2-Dichloropropane	ND 1.4	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,3,5-Trimethylbenzene	ND 0.90	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,3-Dichlorobenzene	ND 0.91	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,3-Dichloropropane	ND 0.95	4.5	µg/Kg 1 4/24/2009 03:33 PM
1,4-Dichlorobenzene	ND 1.1	4.5	µg/Kg 1 4/24/2009 03:33 PM
2,2-Dichloropropane	ND 0.78	4.5	µg/Kg 1 4/24/2009 03:33 PM
2-Chlorotoluene	ND 0.59	4.5	µg/Kg 1 4/24/2009 03:33 PM
4-Chlorotoluene	ND 0.61	4.5	µg/Kg 1 4/24/2009 03:33 PM
4-Isopropyltoluene	ND 0.51	4.5	µg/Kg 1 4/24/2009 03:33 PM
Benzene	ND 0.74	4.5	µg/Kg 1 4/24/2009 03:33 PM
Bromobenzene	ND 1.4	4.5	µg/Kg 1 4/24/2009 03:33 PM
Bromodichloromethane	ND 0.77	4.5	µg/Kg 1 4/24/2009 03:33 PM
Bromoform	ND 1.1	4.5	µg/Kg 1 4/24/2009 03:33 PM
Bromomethane	ND 0.79	4.5	µg/Kg 1 4/24/2009 03:33 PM
Carbon tetrachloride	ND 1.2	4.5	µg/Kg 1 4/24/2009 03:33 PM
Chlorobenzene	ND 0.81	4.5	µg/Kg 1 4/24/2009 03:33 PM
Chloroethane	ND 1.2	4.5	µg/Kg 1 4/24/2009 03:33 PM
Chloroform	ND 0.56	4.5	µg/Kg 1 4/24/2009 03:33 PM
Chloromethane	ND 0.73	4.5	µg/Kg 1 4/24/2009 03:33 PM
cis-1,2-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/24/2009 03:33 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-008A

Client Sample ID: 1001-115-40-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.5	µg/Kg	1	4/24/2009 03:33 PM
Dibromochloromethane	ND	0.61	4.5	µg/Kg	1	4/24/2009 03:33 PM
Dibromomethane	ND	1.5	4.5	µg/Kg	1	4/24/2009 03:33 PM
Dichlorodifluoromethane	ND	0.54	4.5	µg/Kg	1	4/24/2009 03:33 PM
Ethylbenzene	ND	0.82	4.5	µg/Kg	1	4/24/2009 03:33 PM
Hexachlorobutadiene	ND	3.0	4.5	µg/Kg	1	4/24/2009 03:33 PM
Isopropylbenzene	ND	1.1	4.5	µg/Kg	1	4/24/2009 03:33 PM
m,p-Xylene	ND	1.5	9.0	µg/Kg	1	4/24/2009 03:33 PM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/24/2009 03:33 PM
n-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/24/2009 03:33 PM
n-Propylbenzene	ND	0.81	4.5	µg/Kg	1	4/24/2009 03:33 PM
Naphthalene	ND	1.5	4.5	µg/Kg	1	4/24/2009 03:33 PM
o-Xylene	ND	0.92	4.5	µg/Kg	1	4/24/2009 03:33 PM
sec-Butylbenzene	ND	0.77	4.5	µg/Kg	1	4/24/2009 03:33 PM
Styrene	ND	0.80	4.5	µg/Kg	1	4/24/2009 03:33 PM
tert-Butylbenzene	ND	0.55	4.5	µg/Kg	1	4/24/2009 03:33 PM
Tetrachloroethene	ND	0.95	4.5	µg/Kg	1	4/24/2009 03:33 PM
Toluene	ND	0.75	4.5	µg/Kg	1	4/24/2009 03:33 PM
trans-1,2-Dichloroethene	ND	0.89	4.5	µg/Kg	1	4/24/2009 03:33 PM
Trichloroethene	ND	1.8	4.5	µg/Kg	1	4/24/2009 03:33 PM
Trichlorofluoromethane	ND	1.0	4.5	µg/Kg	1	4/24/2009 03:33 PM
Vinyl chloride	ND	0.53	4.5	µg/Kg	1	4/24/2009 03:33 PM
Surr: 1,2-Dichloroethane-d4	117	0	68-147	%REC	1	4/24/2009 03:33 PM
Surr: 4-Bromofluorobenzene	98.2	0	67-127	%REC	1	4/24/2009 03:33 PM
Surr: Dibromofluoromethane	118	0	72-141	%REC	1	4/24/2009 03:33 PM
Surr: Toluene-d8	116	0	75-120	%REC	1	4/24/2009 03:33 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-009A

Client Sample ID: 1001-115-40D-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1,1-Trichloroethane	ND 0.60	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1,2-Trichloroethane	ND 1.5	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1-Dichloroethane	ND 0.47	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1-Dichloroethene	ND 1.2	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,1-Dichloropropene	ND 1.4	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2,3-Trichlorobenzene	ND 0.96	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2,3-Trichloropropane	ND 0.69	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2,4-Trichlorobenzene	ND 1.2	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2,4-Trimethylbenzene	ND 0.79	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.2	µg/Kg 1 4/24/2009 03:53 PM
1,2-Dibromoethane	ND 1.4	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2-Dichlorobenzene	ND 0.77	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2-Dichloroethane	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,2-Dichloropropane	ND 1.4	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,3,5-Trimethylbenzene	ND 0.92	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,3-Dichlorobenzene	ND 0.93	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,3-Dichloropropane	ND 0.97	4.6	µg/Kg 1 4/24/2009 03:53 PM
1,4-Dichlorobenzene	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
2,2-Dichloropropane	ND 0.80	4.6	µg/Kg 1 4/24/2009 03:53 PM
2-Chlorotoluene	ND 0.61	4.6	µg/Kg 1 4/24/2009 03:53 PM
4-Chlorotoluene	ND 0.62	4.6	µg/Kg 1 4/24/2009 03:53 PM
4-Isopropyltoluene	ND 0.53	4.6	µg/Kg 1 4/24/2009 03:53 PM
Benzene	ND 0.76	4.6	µg/Kg 1 4/24/2009 03:53 PM
Bromobenzene	ND 1.4	4.6	µg/Kg 1 4/24/2009 03:53 PM
Bromodichloromethane	ND 0.79	4.6	µg/Kg 1 4/24/2009 03:53 PM
Bromoform	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
Bromomethane	ND 0.81	4.6	µg/Kg 1 4/24/2009 03:53 PM
Carbon tetrachloride	ND 1.2	4.6	µg/Kg 1 4/24/2009 03:53 PM
Chlorobenzene	ND 0.83	4.6	µg/Kg 1 4/24/2009 03:53 PM
Chloroethane	ND 1.2	4.6	µg/Kg 1 4/24/2009 03:53 PM
Chloroform	ND 0.57	4.6	µg/Kg 1 4/24/2009 03:53 PM
Chloromethane	ND 0.75	4.6	µg/Kg 1 4/24/2009 03:53 PM
cis-1,2-Dichloroethene	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-009A

Client Sample ID: 1001-115-40D-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.6	µg/Kg 1 4/24/2009 03:53 PM
Dibromochloromethane	ND 0.63	4.6	µg/Kg 1 4/24/2009 03:53 PM
Dibromomethane	ND 1.6	4.6	µg/Kg 1 4/24/2009 03:53 PM
Dichlorodifluoromethane	ND 0.55	4.6	µg/Kg 1 4/24/2009 03:53 PM
Ethylbenzene	ND 0.84	4.6	µg/Kg 1 4/24/2009 03:53 PM
Hexachlorobutadiene	ND 3.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
Isopropylbenzene	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
m,p-Xylene	ND 1.6	9.2	µg/Kg 1 4/24/2009 03:53 PM
Methylene chloride	ND 4.6	4.6	µg/Kg 1 4/24/2009 03:53 PM
n-Butylbenzene	ND 0.96	4.6	µg/Kg 1 4/24/2009 03:53 PM
n-Propylbenzene	ND 0.83	4.6	µg/Kg 1 4/24/2009 03:53 PM
Naphthalene	ND 1.5	4.6	µg/Kg 1 4/24/2009 03:53 PM
o-Xylene	ND 0.95	4.6	µg/Kg 1 4/24/2009 03:53 PM
sec-Butylbenzene	ND 0.79	4.6	µg/Kg 1 4/24/2009 03:53 PM
Styrene	ND 0.83	4.6	µg/Kg 1 4/24/2009 03:53 PM
tert-Butylbenzene	ND 0.56	4.6	µg/Kg 1 4/24/2009 03:53 PM
Tetrachloroethene	ND 0.97	4.6	µg/Kg 1 4/24/2009 03:53 PM
Toluene	ND 0.77	4.6	µg/Kg 1 4/24/2009 03:53 PM
trans-1,2-Dichloroethene	ND 0.92	4.6	µg/Kg 1 4/24/2009 03:53 PM
Trichloroethene	ND 1.8	4.6	µg/Kg 1 4/24/2009 03:53 PM
Trichlorofluoromethane	ND 1.1	4.6	µg/Kg 1 4/24/2009 03:53 PM
Vinyl chloride	ND 0.54	4.6	µg/Kg 1 4/24/2009 03:53 PM
Surr: 1,2-Dichloroethane-d4	113 0	68-147	%REC 1 4/24/2009 03:53 PM
Surr: 4-Bromofluorobenzene	98.3 0	67-127	%REC 1 4/24/2009 03:53 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/24/2009 03:53 PM
Surr: Toluene-d8	115 0	75-120	%REC 1 4/24/2009 03:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-010A

Client Sample ID: 1001-114-25-S
Collection Date: 4/23/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090424A	QC Batch:	T09VS107	PrepDate:	4/24/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.9	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1,1-Trichloroethane	ND	0.72	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1,2,2-Tetrachloroethane	ND	1.7	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1,2-Trichloroethane	ND	1.8	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1-Dichloroethane	ND	0.56	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1-Dichloroethene	ND	1.4	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,1-Dichloropropene	ND	1.7	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2,3-Trichlorobenzene	ND	1.2	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2,3-Trichloropropane	ND	0.83	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2,4-Trichlorobenzene	ND	1.5	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2,4-Trimethylbenzene	ND	0.95	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2-Dibromo-3-chloropropane	ND	2.1	11	µg/Kg	1	4/24/2009 04:12 PM	
1,2-Dibromoethane	ND	1.6	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2-Dichlorobenzene	ND	0.92	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2-Dichloroethane	ND	1.3	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,2-Dichloropropane	ND	1.7	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,3,5-Trimethylbenzene	ND	1.1	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,3-Dichlorobenzene	ND	1.1	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,3-Dichloropropane	ND	1.2	5.6	µg/Kg	1	4/24/2009 04:12 PM	
1,4-Dichlorobenzene	ND	1.3	5.6	µg/Kg	1	4/24/2009 04:12 PM	
2,2-Dichloropropane	ND	0.97	5.6	µg/Kg	1	4/24/2009 04:12 PM	
2-Chlorotoluene	ND	0.73	5.6	µg/Kg	1	4/24/2009 04:12 PM	
4-Chlorotoluene	ND	0.75	5.6	µg/Kg	1	4/24/2009 04:12 PM	
4-Isopropyltoluene	ND	0.64	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Benzene	ND	0.91	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Bromobenzene	ND	1.7	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Bromodichloromethane	ND	0.95	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Bromoform	ND	1.3	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Bromomethane	ND	0.97	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Carbon tetrachloride	ND	1.5	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Chlorobenzene	ND	1.0	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Chloroethane	ND	1.5	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Chloroform	ND	0.69	5.6	µg/Kg	1	4/24/2009 04:12 PM	
Chloromethane	ND	0.91	5.6	µg/Kg	1	4/24/2009 04:12 PM	
cis-1,2-Dichloroethene	ND	1.3	5.6	µg/Kg	1	4/24/2009 04:12 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-010A

Client Sample ID: 1001-114-25-S
Collection Date: 4/23/2009 9:15:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: M55_090424A	QC Batch: T09VS107	PrepDate: 4/24/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.6	µg/Kg 1 4/24/2009 04:12 PM
Dibromochloromethane	ND 0.76	5.6	µg/Kg 1 4/24/2009 04:12 PM
Dibromomethane	ND 1.9	5.6	µg/Kg 1 4/24/2009 04:12 PM
Dichlorodifluoromethane	ND 0.67	5.6	µg/Kg 1 4/24/2009 04:12 PM
Ethylbenzene	ND 1.0	5.6	µg/Kg 1 4/24/2009 04:12 PM
Hexachlorobutadiene	ND 3.8	5.6	µg/Kg 1 4/24/2009 04:12 PM
Isopropylbenzene	ND 1.4	5.6	µg/Kg 1 4/24/2009 04:12 PM
m,p-Xylene	ND 1.9	11	µg/Kg 1 4/24/2009 04:12 PM
Methylene chloride	ND 5.6	5.6	µg/Kg 1 4/24/2009 04:12 PM
n-Butylbenzene	ND 1.2	5.6	µg/Kg 1 4/24/2009 04:12 PM
n-Propylbenzene	ND 1.0	5.6	µg/Kg 1 4/24/2009 04:12 PM
Naphthalene	ND 1.9	5.6	µg/Kg 1 4/24/2009 04:12 PM
o-Xylene	ND 1.1	5.6	µg/Kg 1 4/24/2009 04:12 PM
sec-Butylbenzene	ND 0.95	5.6	µg/Kg 1 4/24/2009 04:12 PM
Styrene	ND 0.99	5.6	µg/Kg 1 4/24/2009 04:12 PM
tert-Butylbenzene	ND 0.68	5.6	µg/Kg 1 4/24/2009 04:12 PM
Tetrachloroethene	ND 1.2	5.6	µg/Kg 1 4/24/2009 04:12 PM
Toluene	ND 0.92	5.6	µg/Kg 1 4/24/2009 04:12 PM
trans-1,2-Dichloroethene	ND 1.1	5.6	µg/Kg 1 4/24/2009 04:12 PM
Trichloroethene	ND 2.2	5.6	µg/Kg 1 4/24/2009 04:12 PM
Trichlorofluoromethane	ND 1.3	5.6	µg/Kg 1 4/24/2009 04:12 PM
Vinyl chloride	ND 0.65	5.6	µg/Kg 1 4/24/2009 04:12 PM
Surr: 1,2-Dichloroethane-d4	115 0	68-147	%REC 1 4/24/2009 04:12 PM
Surr: 4-Bromofluorobenzene	98.6 0	67-127	%REC 1 4/24/2009 04:12 PM
Surr: Dibromofluoromethane	117 0	72-141	%REC 1 4/24/2009 04:12 PM
Surr: Toluene-d8	113 0	75-120	%REC 1 4/24/2009 04:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-011A

Client Sample ID: 1001-114-30-S
Collection Date: 4/23/2009 9:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1,1-Trichloroethane	ND 0.59	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1,2-Trichloroethane	ND 1.5	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1-Dichloroethane	ND 0.46	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1-Dichloroethene	ND 1.2	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,1-Dichloropropene	ND 1.4	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2,3-Trichlorobenzene	ND 0.94	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2,3-Trichloropropane	ND 0.68	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2,4-Trichlorobenzene	ND 1.2	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2,4-Trimethylbenzene	ND 0.78	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.1	µg/Kg 1 4/24/2009 07:03 PM
1,2-Dibromoethane	ND 1.3	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2-Dichlorobenzene	ND 0.76	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2-Dichloroethane	ND 1.1	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,2-Dichloropropane	ND 1.4	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,3,5-Trimethylbenzene	ND 0.91	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,3-Dichlorobenzene	ND 0.92	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,3-Dichloropropane	ND 0.96	4.5	µg/Kg 1 4/24/2009 07:03 PM
1,4-Dichlorobenzene	ND 1.1	4.5	µg/Kg 1 4/24/2009 07:03 PM
2,2-Dichloropropane	ND 0.79	4.5	µg/Kg 1 4/24/2009 07:03 PM
2-Chlorotoluene	ND 0.60	4.5	µg/Kg 1 4/24/2009 07:03 PM
4-Chlorotoluene	ND 0.61	4.5	µg/Kg 1 4/24/2009 07:03 PM
4-Isopropyltoluene	ND 0.52	4.5	µg/Kg 1 4/24/2009 07:03 PM
Benzene	ND 0.75	4.5	µg/Kg 1 4/24/2009 07:03 PM
Bromobenzene	ND 1.4	4.5	µg/Kg 1 4/24/2009 07:03 PM
Bromodichloromethane	ND 0.78	4.5	µg/Kg 1 4/24/2009 07:03 PM
Bromoform	ND 1.1	4.5	µg/Kg 1 4/24/2009 07:03 PM
Bromomethane	ND 0.79	4.5	µg/Kg 1 4/24/2009 07:03 PM
Carbon tetrachloride	ND 1.2	4.5	µg/Kg 1 4/24/2009 07:03 PM
Chlorobenzene	ND 0.81	4.5	µg/Kg 1 4/24/2009 07:03 PM
Chloroethane	ND 1.2	4.5	µg/Kg 1 4/24/2009 07:03 PM
Chloroform	ND 0.56	4.5	µg/Kg 1 4/24/2009 07:03 PM
Chloromethane	ND 0.74	4.5	µg/Kg 1 4/24/2009 07:03 PM
cis-1,2-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/24/2009 07:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-011A

Client Sample ID: 1001-114-30-S
Collection Date: 4/23/2009 9:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.5	µg/Kg	1	4/24/2009 07:03 PM
Dibromochloromethane	ND	0.62	4.5	µg/Kg	1	4/24/2009 07:03 PM
Dibromomethane	ND	1.5	4.5	µg/Kg	1	4/24/2009 07:03 PM
Dichlorodifluoromethane	ND	0.55	4.5	µg/Kg	1	4/24/2009 07:03 PM
Ethylbenzene	ND	0.83	4.5	µg/Kg	1	4/24/2009 07:03 PM
Hexachlorobutadiene	ND	3.1	4.5	µg/Kg	1	4/24/2009 07:03 PM
Isopropylbenzene	ND	1.1	4.5	µg/Kg	1	4/24/2009 07:03 PM
m,p-Xylene	ND	1.5	9.1	µg/Kg	1	4/24/2009 07:03 PM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/24/2009 07:03 PM
n-Butylbenzene	ND	0.95	4.5	µg/Kg	1	4/24/2009 07:03 PM
n-Propylbenzene	ND	0.82	4.5	µg/Kg	1	4/24/2009 07:03 PM
Naphthalene	ND	1.5	4.5	µg/Kg	1	4/24/2009 07:03 PM
o-Xylene	ND	0.93	4.5	µg/Kg	1	4/24/2009 07:03 PM
sec-Butylbenzene	ND	0.78	4.5	µg/Kg	1	4/24/2009 07:03 PM
Styrene	ND	0.81	4.5	µg/Kg	1	4/24/2009 07:03 PM
tert-Butylbenzene	ND	0.55	4.5	µg/Kg	1	4/24/2009 07:03 PM
Tetrachloroethene	ND	0.96	4.5	µg/Kg	1	4/24/2009 07:03 PM
Toluene	ND	0.75	4.5	µg/Kg	1	4/24/2009 07:03 PM
trans-1,2-Dichloroethene	ND	0.90	4.5	µg/Kg	1	4/24/2009 07:03 PM
Trichloroethene	ND	1.8	4.5	µg/Kg	1	4/24/2009 07:03 PM
Trichlorofluoromethane	ND	1.1	4.5	µg/Kg	1	4/24/2009 07:03 PM
Vinyl chloride	ND	0.54	4.5	µg/Kg	1	4/24/2009 07:03 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/24/2009 07:03 PM
Surr: 4-Bromofluorobenzene	99.7	0	67-127	%REC	1	4/24/2009 07:03 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/24/2009 07:03 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/24/2009 07:03 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-012A

Client Sample ID: 1001-114-35-S
Collection Date: 4/23/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1,1-Trichloroethane	ND 0.61	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1,2-Trichloroethane	ND 1.6	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1-Dichloroethane	ND 0.48	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2,3-Trichlorobenzene	ND 0.98	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2,3-Trichloropropane	ND 0.71	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2,4-Trimethylbenzene	ND 0.81	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.4	µg/Kg 1 4/24/2009 07:23 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2-Dichlorobenzene	ND 0.78	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,3,5-Trimethylbenzene	ND 0.95	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,3-Dichlorobenzene	ND 0.95	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,3-Dichloropropane	ND 0.99	4.7	µg/Kg 1 4/24/2009 07:23 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:23 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/24/2009 07:23 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/24/2009 07:23 PM
4-Chlorotoluene	ND 0.64	4.7	µg/Kg 1 4/24/2009 07:23 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/24/2009 07:23 PM
Benzene	ND 0.78	4.7	µg/Kg 1 4/24/2009 07:23 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:23 PM
Bromodichloromethane	ND 0.81	4.7	µg/Kg 1 4/24/2009 07:23 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:23 PM
Bromomethane	ND 0.82	4.7	µg/Kg 1 4/24/2009 07:23 PM
Carbon tetrachloride	ND 1.3	4.7	µg/Kg 1 4/24/2009 07:23 PM
Chlorobenzene	ND 0.85	4.7	µg/Kg 1 4/24/2009 07:23 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/24/2009 07:23 PM
Chloroform	ND 0.58	4.7	µg/Kg 1 4/24/2009 07:23 PM
Chloromethane	ND 0.77	4.7	µg/Kg 1 4/24/2009 07:23 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-012A

Client Sample ID: 1001-114-35-S
Collection Date: 4/23/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/24/2009 07:23 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/24/2009 07:23 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/24/2009 07:23 PM
Dichlorodifluoromethane	ND	0.57	4.7	µg/Kg	1	4/24/2009 07:23 PM
Ethylbenzene	ND	0.86	4.7	µg/Kg	1	4/24/2009 07:23 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/24/2009 07:23 PM
Isopropylbenzene	ND	1.2	4.7	µg/Kg	1	4/24/2009 07:23 PM
m,p-Xylene	ND	1.6	9.4	µg/Kg	1	4/24/2009 07:23 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/24/2009 07:23 PM
n-Butylbenzene	ND	0.98	4.7	µg/Kg	1	4/24/2009 07:23 PM
n-Propylbenzene	ND	0.85	4.7	µg/Kg	1	4/24/2009 07:23 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/24/2009 07:23 PM
o-Xylene	ND	0.97	4.7	µg/Kg	1	4/24/2009 07:23 PM
sec-Butylbenzene	ND	0.80	4.7	µg/Kg	1	4/24/2009 07:23 PM
Styrene	ND	0.84	4.7	µg/Kg	1	4/24/2009 07:23 PM
tert-Butylbenzene	ND	0.57	4.7	µg/Kg	1	4/24/2009 07:23 PM
Tetrachloroethene	ND	1.0	4.7	µg/Kg	1	4/24/2009 07:23 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/24/2009 07:23 PM
trans-1,2-Dichloroethene	ND	0.94	4.7	µg/Kg	1	4/24/2009 07:23 PM
Trichloroethene	ND	1.9	4.7	µg/Kg	1	4/24/2009 07:23 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/24/2009 07:23 PM
Vinyl chloride	ND	0.56	4.7	µg/Kg	1	4/24/2009 07:23 PM
Surr: 1,2-Dichloroethane-d4	112	0	68-147	%REC	1	4/24/2009 07:23 PM
Surr: 4-Bromofluorobenzene	100	0	67-127	%REC	1	4/24/2009 07:23 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/24/2009 07:23 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/24/2009 07:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-013A

Client Sample ID: 1001-114-35D-S
Collection Date: 4/23/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1,1-Trichloroethane	ND 0.60	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1,2-Trichloroethane	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1-Dichloroethane	ND 0.47	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2,3-Trichlorobenzene	ND 0.97	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2,3-Trichloropropane	ND 0.70	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2,4-Trimethylbenzene	ND 0.80	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.4	µg/Kg 1 4/24/2009 07:42 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2-Dichlorobenzene	ND 0.78	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,3,5-Trimethylbenzene	ND 0.94	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,3-Dichlorobenzene	ND 0.94	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,3-Dichloropropane	ND 0.99	4.7	µg/Kg 1 4/24/2009 07:42 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:42 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/24/2009 07:42 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/24/2009 07:42 PM
4-Chlorotoluene	ND 0.63	4.7	µg/Kg 1 4/24/2009 07:42 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/24/2009 07:42 PM
Benzene	ND 0.77	4.7	µg/Kg 1 4/24/2009 07:42 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/24/2009 07:42 PM
Bromodichloromethane	ND 0.80	4.7	µg/Kg 1 4/24/2009 07:42 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:42 PM
Bromomethane	ND 0.82	4.7	µg/Kg 1 4/24/2009 07:42 PM
Carbon tetrachloride	ND 1.2	4.7	µg/Kg 1 4/24/2009 07:42 PM
Chlorobenzene	ND 0.84	4.7	µg/Kg 1 4/24/2009 07:42 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/24/2009 07:42 PM
Chloroform	ND 0.58	4.7	µg/Kg 1 4/24/2009 07:42 PM
Chloromethane	ND 0.76	4.7	µg/Kg 1 4/24/2009 07:42 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/24/2009 07:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-013A

Client Sample ID: 1001-114-35D-S
Collection Date: 4/23/2009 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424B	QC Batch: T09VS108	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/24/2009 07:42 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/24/2009 07:42 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/24/2009 07:42 PM
Dichlorodifluoromethane	ND	0.56	4.7	µg/Kg	1	4/24/2009 07:42 PM
Ethylbenzene	ND	0.85	4.7	µg/Kg	1	4/24/2009 07:42 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/24/2009 07:42 PM
Isopropylbenzene	ND	1.1	4.7	µg/Kg	1	4/24/2009 07:42 PM
m,p-Xylene	ND	1.6	9.4	µg/Kg	1	4/24/2009 07:42 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/24/2009 07:42 PM
n-Butylbenzene	ND	0.98	4.7	µg/Kg	1	4/24/2009 07:42 PM
n-Propylbenzene	ND	0.85	4.7	µg/Kg	1	4/24/2009 07:42 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/24/2009 07:42 PM
o-Xylene	ND	0.96	4.7	µg/Kg	1	4/24/2009 07:42 PM
sec-Butylbenzene	ND	0.80	4.7	µg/Kg	1	4/24/2009 07:42 PM
Styrene	ND	0.84	4.7	µg/Kg	1	4/24/2009 07:42 PM
tert-Butylbenzene	ND	0.57	4.7	µg/Kg	1	4/24/2009 07:42 PM
Tetrachloroethene	ND	0.99	4.7	µg/Kg	1	4/24/2009 07:42 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/24/2009 07:42 PM
trans-1,2-Dichloroethene	ND	0.93	4.7	µg/Kg	1	4/24/2009 07:42 PM
Trichloroethene	ND	1.8	4.7	µg/Kg	1	4/24/2009 07:42 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/24/2009 07:42 PM
Vinyl chloride	ND	0.55	4.7	µg/Kg	1	4/24/2009 07:42 PM
Surr: 1,2-Dichloroethane-d4	101	0	68-147	%REC	1	4/24/2009 07:42 PM
Surr: 4-Bromofluorobenzene	88.3	0	67-127	%REC	1	4/24/2009 07:42 PM
Surr: Dibromofluoromethane	99.6	0	72-141	%REC	1	4/24/2009 07:42 PM
Surr: Toluene-d8	102	0	75-120	%REC	1	4/24/2009 07:42 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-014A

Client Sample ID: 1001-114-40-S
Collection Date: 4/23/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.3	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1,1-Trichloroethane	ND 0.50	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1,2,2-Tetrachloroethane	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1,2-Trichloroethane	ND 1.3	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1-Dichloroethane	ND 0.39	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1-Dichloroethene	ND 0.98	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,1-Dichloropropene	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2,3-Trichlorobenzene	ND 0.80	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2,3-Trichloropropane	ND 0.58	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2,4-Trichlorobenzene	ND 1.0	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2,4-Trimethylbenzene	ND 0.67	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2-Dibromo-3-chloropropane	ND 1.5	7.8	µg/Kg 1 4/25/2009 01:14 AM
1,2-Dibromoethane	ND 1.1	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2-Dichlorobenzene	ND 0.64	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2-Dichloroethane	ND 0.91	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,2-Dichloropropane	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,3,5-Trimethylbenzene	ND 0.78	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,3-Dichlorobenzene	ND 0.78	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,3-Dichloropropane	ND 0.82	3.9	µg/Kg 1 4/25/2009 01:14 AM
1,4-Dichlorobenzene	ND 0.93	3.9	µg/Kg 1 4/25/2009 01:14 AM
2,2-Dichloropropane	ND 0.68	3.9	µg/Kg 1 4/25/2009 01:14 AM
2-Chlorotoluene	ND 0.51	3.9	µg/Kg 1 4/25/2009 01:14 AM
4-Chlorotoluene	ND 0.52	3.9	µg/Kg 1 4/25/2009 01:14 AM
4-Isopropyltoluene	ND 0.44	3.9	µg/Kg 1 4/25/2009 01:14 AM
Benzene	ND 0.64	3.9	µg/Kg 1 4/25/2009 01:14 AM
Bromobenzene	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:14 AM
Bromodichloromethane	ND 0.66	3.9	µg/Kg 1 4/25/2009 01:14 AM
Bromoform	ND 0.94	3.9	µg/Kg 1 4/25/2009 01:14 AM
Bromomethane	ND 0.68	3.9	µg/Kg 1 4/25/2009 01:14 AM
Carbon tetrachloride	ND 1.0	3.9	µg/Kg 1 4/25/2009 01:14 AM
Chlorobenzene	ND 0.69	3.9	µg/Kg 1 4/25/2009 01:14 AM
Chloroethane	ND 1.0	3.9	µg/Kg 1 4/25/2009 01:14 AM
Chloroform	ND 0.48	3.9	µg/Kg 1 4/25/2009 01:14 AM
Chloromethane	ND 0.63	3.9	µg/Kg 1 4/25/2009 01:14 AM
cis-1,2-Dichloroethene	ND 0.93	3.9	µg/Kg 1 4/25/2009 01:14 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-014A

Client Sample ID: 1001-114-40-S
Collection Date: 4/23/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 0.99	3.9	µg/Kg 1 4/25/2009 01:14 AM
Dibromochloromethane	ND 0.53	3.9	µg/Kg 1 4/25/2009 01:14 AM
Dibromomethane	ND 1.3	3.9	µg/Kg 1 4/25/2009 01:14 AM
Dichlorodifluoromethane	ND 0.47	3.9	µg/Kg 1 4/25/2009 01:14 AM
Ethylbenzene	ND 0.71	3.9	µg/Kg 1 4/25/2009 01:14 AM
Hexachlorobutadiene	ND 2.6	3.9	µg/Kg 1 4/25/2009 01:14 AM
Isopropylbenzene	ND 0.95	3.9	µg/Kg 1 4/25/2009 01:14 AM
m,p-Xylene	ND 1.3	7.8	µg/Kg 1 4/25/2009 01:14 AM
Methylene chloride	ND 3.9	3.9	µg/Kg 1 4/25/2009 01:14 AM
n-Butylbenzene	ND 0.81	3.9	µg/Kg 1 4/25/2009 01:14 AM
n-Propylbenzene	ND 0.70	3.9	µg/Kg 1 4/25/2009 01:14 AM
Naphthalene	ND 1.3	3.9	µg/Kg 1 4/25/2009 01:14 AM
o-Xylene	ND 0.80	3.9	µg/Kg 1 4/25/2009 01:14 AM
sec-Butylbenzene	ND 0.66	3.9	µg/Kg 1 4/25/2009 01:14 AM
Styrene	ND 0.69	3.9	µg/Kg 1 4/25/2009 01:14 AM
tert-Butylbenzene	ND 0.47	3.9	µg/Kg 1 4/25/2009 01:14 AM
Tetrachloroethene	ND 0.82	3.9	µg/Kg 1 4/25/2009 01:14 AM
Toluene	ND 0.64	3.9	µg/Kg 1 4/25/2009 01:14 AM
trans-1,2-Dichloroethene	ND 0.77	3.9	µg/Kg 1 4/25/2009 01:14 AM
Trichloroethene	ND 1.5	3.9	µg/Kg 1 4/25/2009 01:14 AM
Trichlorofluoromethane	ND 0.90	3.9	µg/Kg 1 4/25/2009 01:14 AM
Vinyl chloride	ND 0.46	3.9	µg/Kg 1 4/25/2009 01:14 AM
Surr: 1,2-Dichloroethane-d4	112 0	68-147	%REC 1 4/25/2009 01:14 AM
Surr: 4-Bromofluorobenzene	102 0	67-127	%REC 1 4/25/2009 01:14 AM
Surr: Dibromofluoromethane	109 0	72-141	%REC 1 4/25/2009 01:14 AM
Surr: Toluene-d8	110 0	75-120	%REC 1 4/25/2009 01:14 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-015A

Client Sample ID: 1001-116-5-S
Collection Date: 4/23/2009 10:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1,1-Trichloroethane	ND 0.55	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1,2,2-Tetrachloroethane	ND 1.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1,2-Trichloroethane	ND 1.4	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1-Dichloroethane	ND 0.43	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1-Dichloroethene	ND 1.1	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,1-Dichloropropene	ND 1.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2,3-Trichlorobenzene	ND 0.89	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2,3-Trichloropropane	ND 0.64	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2,4-Trichlorobenzene	ND 1.1	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2,4-Trimethylbenzene	ND 0.73	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2-Dibromo-3-chloropropane	ND 1.6	8.5	µg/Kg 1 4/25/2009 01:34 AM
1,2-Dibromoethane	ND 1.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2-Dichlorobenzene	ND 0.71	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2-Dichloroethane	ND 1.0	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,2-Dichloropropane	ND 1.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,3,5-Trimethylbenzene	ND 0.86	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,3-Dichlorobenzene	ND 0.86	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,3-Dichloropropane	ND 0.90	4.3	µg/Kg 1 4/25/2009 01:34 AM
1,4-Dichlorobenzene	ND 1.0	4.3	µg/Kg 1 4/25/2009 01:34 AM
2,2-Dichloropropane	ND 0.74	4.3	µg/Kg 1 4/25/2009 01:34 AM
2-Chlorotoluene	ND 0.56	4.3	µg/Kg 1 4/25/2009 01:34 AM
4-Chlorotoluene	ND 0.58	4.3	µg/Kg 1 4/25/2009 01:34 AM
4-Isopropyltoluene	ND 0.49	4.3	µg/Kg 1 4/25/2009 01:34 AM
Benzene	ND 0.70	4.3	µg/Kg 1 4/25/2009 01:34 AM
Bromobenzene	ND 1.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
Bromodichloromethane	ND 0.73	4.3	µg/Kg 1 4/25/2009 01:34 AM
Bromoform	ND 1.0	4.3	µg/Kg 1 4/25/2009 01:34 AM
Bromomethane	ND 0.75	4.3	µg/Kg 1 4/25/2009 01:34 AM
Carbon tetrachloride	ND 1.1	4.3	µg/Kg 1 4/25/2009 01:34 AM
Chlorobenzene	ND 0.77	4.3	µg/Kg 1 4/25/2009 01:34 AM
Chloroethane	ND 1.1	4.3	µg/Kg 1 4/25/2009 01:34 AM
Chloroform	ND 0.53	4.3	µg/Kg 1 4/25/2009 01:34 AM
Chloromethane	ND 0.70	4.3	µg/Kg 1 4/25/2009 01:34 AM
cis-1,2-Dichloroethene	ND 1.0	4.3	µg/Kg 1 4/25/2009 01:34 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-015A

Client Sample ID: 1001-116-5-S
Collection Date: 4/23/2009 10:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.3	µg/Kg 1 4/25/2009 01:34 AM
Dibromochloromethane	ND 0.58	4.3	µg/Kg 1 4/25/2009 01:34 AM
Dibromomethane	ND 1.4	4.3	µg/Kg 1 4/25/2009 01:34 AM
Dichlorodifluoromethane	ND 0.51	4.3	µg/Kg 1 4/25/2009 01:34 AM
Ethylbenzene	ND 0.78	4.3	µg/Kg 1 4/25/2009 01:34 AM
Hexachlorobutadiene	ND 2.9	4.3	µg/Kg 1 4/25/2009 01:34 AM
Isopropylbenzene	ND 1.0	4.3	µg/Kg 1 4/25/2009 01:34 AM
m,p-Xylene	ND 1.4	8.5	µg/Kg 1 4/25/2009 01:34 AM
Methylene chloride	ND 4.3	4.3	µg/Kg 1 4/25/2009 01:34 AM
n-Butylbenzene	ND 0.89	4.3	µg/Kg 1 4/25/2009 01:34 AM
n-Propylbenzene	ND 0.77	4.3	µg/Kg 1 4/25/2009 01:34 AM
Naphthalene	ND 1.4	4.3	µg/Kg 1 4/25/2009 01:34 AM
o-Xylene	ND 0.88	4.3	µg/Kg 1 4/25/2009 01:34 AM
sec-Butylbenzene	ND 0.73	4.3	µg/Kg 1 4/25/2009 01:34 AM
Styrene	ND 0.76	4.3	µg/Kg 1 4/25/2009 01:34 AM
tert-Butylbenzene	ND 0.52	4.3	µg/Kg 1 4/25/2009 01:34 AM
Tetrachloroethene	ND 0.90	4.3	µg/Kg 1 4/25/2009 01:34 AM
Toluene	ND 0.71	4.3	µg/Kg 1 4/25/2009 01:34 AM
trans-1,2-Dichloroethene	ND 0.85	4.3	µg/Kg 1 4/25/2009 01:34 AM
Trichloroethene	ND 1.7	4.3	µg/Kg 1 4/25/2009 01:34 AM
Trichlorofluoromethane	ND 0.99	4.3	µg/Kg 1 4/25/2009 01:34 AM
Vinyl chloride	ND 0.50	4.3	µg/Kg 1 4/25/2009 01:34 AM
Surr: 1,2-Dichloroethane-d4	110 0	68-147	%REC 1 4/25/2009 01:34 AM
Surr: 4-Bromofluorobenzene	94.9 0	67-127	%REC 1 4/25/2009 01:34 AM
Surr: Dibromofluoromethane	109 0	72-141	%REC 1 4/25/2009 01:34 AM
Surr: Toluene-d8	106 0	75-120	%REC 1 4/25/2009 01:34 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-016A

Client Sample ID: 1001-116-10-S
Collection Date: 4/23/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1,1-Trichloroethane	ND 0.51	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1,2,2-Tetrachloroethane	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1,2-Trichloroethane	ND 1.3	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1-Dichloroethane	ND 0.40	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1-Dichloroethene	ND 1.0	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,1-Dichloropropene	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2,3-Trichlorobenzene	ND 0.82	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2,3-Trichloropropane	ND 0.59	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2,4-Trichlorobenzene	ND 1.1	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2,4-Trimethylbenzene	ND 0.68	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2-Dibromo-3-chloropropane	ND 1.5	7.9	µg/Kg 1 4/25/2009 01:53 AM
1,2-Dibromoethane	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2-Dichlorobenzene	ND 0.66	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2-Dichloroethane	ND 0.92	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,2-Dichloropropane	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,3,5-Trimethylbenzene	ND 0.79	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,3-Dichlorobenzene	ND 0.80	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,3-Dichloropropane	ND 0.83	3.9	µg/Kg 1 4/25/2009 01:53 AM
1,4-Dichlorobenzene	ND 0.95	3.9	µg/Kg 1 4/25/2009 01:53 AM
2,2-Dichloropropane	ND 0.69	3.9	µg/Kg 1 4/25/2009 01:53 AM
2-Chlorotoluene	ND 0.52	3.9	µg/Kg 1 4/25/2009 01:53 AM
4-Chlorotoluene	ND 0.53	3.9	µg/Kg 1 4/25/2009 01:53 AM
4-Isopropyltoluene	ND 0.45	3.9	µg/Kg 1 4/25/2009 01:53 AM
Benzene	ND 0.65	3.9	µg/Kg 1 4/25/2009 01:53 AM
Bromobenzene	ND 1.2	3.9	µg/Kg 1 4/25/2009 01:53 AM
Bromodichloromethane	ND 0.67	3.9	µg/Kg 1 4/25/2009 01:53 AM
Bromoform	ND 0.96	3.9	µg/Kg 1 4/25/2009 01:53 AM
Bromomethane	ND 0.69	3.9	µg/Kg 1 4/25/2009 01:53 AM
Carbon tetrachloride	ND 1.1	3.9	µg/Kg 1 4/25/2009 01:53 AM
Chlorobenzene	ND 0.71	3.9	µg/Kg 1 4/25/2009 01:53 AM
Chloroethane	ND 1.0	3.9	µg/Kg 1 4/25/2009 01:53 AM
Chloroform	ND 0.49	3.9	µg/Kg 1 4/25/2009 01:53 AM
Chloromethane	ND 0.65	3.9	µg/Kg 1 4/25/2009 01:53 AM
cis-1,2-Dichloroethene	ND 0.95	3.9	µg/Kg 1 4/25/2009 01:53 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-016A

Client Sample ID: 1001-116-10-S
Collection Date: 4/23/2009 10:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.0	3.9	µg/Kg	1	4/25/2009 01:53 AM
Dibromochloromethane	ND	0.54	3.9	µg/Kg	1	4/25/2009 01:53 AM
Dibromomethane	ND	1.3	3.9	µg/Kg	1	4/25/2009 01:53 AM
Dichlorodifluoromethane	ND	0.47	3.9	µg/Kg	1	4/25/2009 01:53 AM
Ethylbenzene	ND	0.72	3.9	µg/Kg	1	4/25/2009 01:53 AM
Hexachlorobutadiene	ND	2.7	3.9	µg/Kg	1	4/25/2009 01:53 AM
Isopropylbenzene	ND	0.97	3.9	µg/Kg	1	4/25/2009 01:53 AM
m,p-Xylene	ND	1.3	7.9	µg/Kg	1	4/25/2009 01:53 AM
Methylene chloride	ND	3.9	3.9	µg/Kg	1	4/25/2009 01:53 AM
n-Butylbenzene	ND	0.82	3.9	µg/Kg	1	4/25/2009 01:53 AM
n-Propylbenzene	ND	0.71	3.9	µg/Kg	1	4/25/2009 01:53 AM
Naphthalene	ND	1.3	3.9	µg/Kg	1	4/25/2009 01:53 AM
o-Xylene	ND	0.81	3.9	µg/Kg	1	4/25/2009 01:53 AM
sec-Butylbenzene	ND	0.67	3.9	µg/Kg	1	4/25/2009 01:53 AM
Styrene	ND	0.71	3.9	µg/Kg	1	4/25/2009 01:53 AM
tert-Butylbenzene	ND	0.48	3.9	µg/Kg	1	4/25/2009 01:53 AM
Tetrachloroethene	ND	0.83	3.9	µg/Kg	1	4/25/2009 01:53 AM
Toluene	ND	0.66	3.9	µg/Kg	1	4/25/2009 01:53 AM
trans-1,2-Dichloroethene	ND	0.78	3.9	µg/Kg	1	4/25/2009 01:53 AM
Trichloroethene	ND	1.6	3.9	µg/Kg	1	4/25/2009 01:53 AM
Trichlorofluoromethane	ND	0.92	3.9	µg/Kg	1	4/25/2009 01:53 AM
Vinyl chloride	ND	0.47	3.9	µg/Kg	1	4/25/2009 01:53 AM
Surr: 1,2-Dichloroethane-d4	109	0	68-147	%REC	1	4/25/2009 01:53 AM
Surr: 4-Bromofluorobenzene	95.0	0	67-127	%REC	1	4/25/2009 01:53 AM
Surr: Dibromofluoromethane	108	0	72-141	%REC	1	4/25/2009 01:53 AM
Surr: Toluene-d8	110	0	75-120	%REC	1	4/25/2009 01:53 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-017A

Client Sample ID: 1001-116-20-S
Collection Date: 4/23/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1,1-Trichloroethane	ND 0.55	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1,2,2-Tetrachloroethane	ND 1.3	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1,2-Trichloroethane	ND 1.4	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1-Dichloroethane	ND 0.43	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1-Dichloroethene	ND 1.1	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,1-Dichloropropene	ND 1.3	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2,3-Trichlorobenzene	ND 0.89	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2,3-Trichloropropane	ND 0.64	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2,4-Trichlorobenzene	ND 1.2	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2,4-Trimethylbenzene	ND 0.74	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2-Dibromo-3-chloropropane	ND 1.6	8.6	µg/Kg 1 4/25/2009 02:13 AM
1,2-Dibromoethane	ND 1.3	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2-Dichlorobenzene	ND 0.71	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2-Dichloroethane	ND 1.0	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,2-Dichloropropane	ND 1.3	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,3,5-Trimethylbenzene	ND 0.86	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,3-Dichlorobenzene	ND 0.86	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,3-Dichloropropane	ND 0.90	4.3	µg/Kg 1 4/25/2009 02:13 AM
1,4-Dichlorobenzene	ND 1.0	4.3	µg/Kg 1 4/25/2009 02:13 AM
2,2-Dichloropropane	ND 0.75	4.3	µg/Kg 1 4/25/2009 02:13 AM
2-Chlorotoluene	ND 0.56	4.3	µg/Kg 1 4/25/2009 02:13 AM
4-Chlorotoluene	ND 0.58	4.3	µg/Kg 1 4/25/2009 02:13 AM
4-Isopropyltoluene	ND 0.49	4.3	µg/Kg 1 4/25/2009 02:13 AM
Benzene	ND 0.70	4.3	µg/Kg 1 4/25/2009 02:13 AM
Bromobenzene	ND 1.3	4.3	µg/Kg 1 4/25/2009 02:13 AM
Bromodichloromethane	ND 0.73	4.3	µg/Kg 1 4/25/2009 02:13 AM
Bromoform	ND 1.0	4.3	µg/Kg 1 4/25/2009 02:13 AM
Bromomethane	ND 0.75	4.3	µg/Kg 1 4/25/2009 02:13 AM
Carbon tetrachloride	ND 1.1	4.3	µg/Kg 1 4/25/2009 02:13 AM
Chlorobenzene	ND 0.77	4.3	µg/Kg 1 4/25/2009 02:13 AM
Chloroethane	ND 1.1	4.3	µg/Kg 1 4/25/2009 02:13 AM
Chloroform	ND 0.53	4.3	µg/Kg 1 4/25/2009 02:13 AM
Chloromethane	ND 0.70	4.3	µg/Kg 1 4/25/2009 02:13 AM
cis-1,2-Dichloroethene	ND 1.0	4.3	µg/Kg 1 4/25/2009 02:13 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-017A

Client Sample ID: 1001-116-20-S
Collection Date: 4/23/2009 10:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.3	µg/Kg	1	4/25/2009 02:13 AM
Dibromochloromethane	ND	0.58	4.3	µg/Kg	1	4/25/2009 02:13 AM
Dibromomethane	ND	1.4	4.3	µg/Kg	1	4/25/2009 02:13 AM
Dichlorodifluoromethane	ND	0.51	4.3	µg/Kg	1	4/25/2009 02:13 AM
Ethylbenzene	ND	0.78	4.3	µg/Kg	1	4/25/2009 02:13 AM
Hexachlorobutadiene	ND	2.9	4.3	µg/Kg	1	4/25/2009 02:13 AM
Isopropylbenzene	ND	1.0	4.3	µg/Kg	1	4/25/2009 02:13 AM
m,p-Xylene	ND	1.4	8.6	µg/Kg	1	4/25/2009 02:13 AM
Methylene chloride	ND	4.3	4.3	µg/Kg	1	4/25/2009 02:13 AM
n-Butylbenzene	ND	0.89	4.3	µg/Kg	1	4/25/2009 02:13 AM
n-Propylbenzene	ND	0.77	4.3	µg/Kg	1	4/25/2009 02:13 AM
Naphthalene	ND	1.4	4.3	µg/Kg	1	4/25/2009 02:13 AM
o-Xylene	ND	0.88	4.3	µg/Kg	1	4/25/2009 02:13 AM
sec-Butylbenzene	ND	0.73	4.3	µg/Kg	1	4/25/2009 02:13 AM
Styrene	ND	0.77	4.3	µg/Kg	1	4/25/2009 02:13 AM
tert-Butylbenzene	ND	0.52	4.3	µg/Kg	1	4/25/2009 02:13 AM
Tetrachloroethene	ND	0.90	4.3	µg/Kg	1	4/25/2009 02:13 AM
Toluene	ND	0.71	4.3	µg/Kg	1	4/25/2009 02:13 AM
trans-1,2-Dichloroethene	ND	0.85	4.3	µg/Kg	1	4/25/2009 02:13 AM
Trichloroethene	ND	1.7	4.3	µg/Kg	1	4/25/2009 02:13 AM
Trichlorofluoromethane	ND	0.99	4.3	µg/Kg	1	4/25/2009 02:13 AM
Vinyl chloride	ND	0.50	4.3	µg/Kg	1	4/25/2009 02:13 AM
Surr: 1,2-Dichloroethane-d4	107	0	68-147	%REC	1	4/25/2009 02:13 AM
Surr: 4-Bromofluorobenzene	92.0	0	67-127	%REC	1	4/25/2009 02:13 AM
Surr: Dibromofluoromethane	103	0	72-141	%REC	1	4/25/2009 02:13 AM
Surr: Toluene-d8	105	0	75-120	%REC	1	4/25/2009 02:13 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-018A

Client Sample ID: 1001-116-25-S
Collection Date: 4/23/2009 10:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1,1-Trichloroethane	ND 0.57	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1,2,2-Tetrachloroethane	ND 1.4	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1,2-Trichloroethane	ND 1.4	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1-Dichloroethane	ND 0.44	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,1-Dichloropropene	ND 1.3	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2,3-Trichlorobenzene	ND 0.91	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2,3-Trichloropropane	ND 0.66	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2,4-Trichlorobenzene	ND 1.2	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2,4-Trimethylbenzene	ND 0.75	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2-Dibromo-3-chloropropane	ND 1.7	8.8	µg/Kg 1 4/25/2009 02:32 AM
1,2-Dibromoethane	ND 1.3	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2-Dichlorobenzene	ND 0.73	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2-Dichloroethane	ND 1.0	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,3,5-Trimethylbenzene	ND 0.88	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,3-Dichlorobenzene	ND 0.89	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,3-Dichloropropane	ND 0.93	4.4	µg/Kg 1 4/25/2009 02:32 AM
1,4-Dichlorobenzene	ND 1.1	4.4	µg/Kg 1 4/25/2009 02:32 AM
2,2-Dichloropropane	ND 0.77	4.4	µg/Kg 1 4/25/2009 02:32 AM
2-Chlorotoluene	ND 0.58	4.4	µg/Kg 1 4/25/2009 02:32 AM
4-Chlorotoluene	ND 0.59	4.4	µg/Kg 1 4/25/2009 02:32 AM
4-Isopropyltoluene	ND 0.50	4.4	µg/Kg 1 4/25/2009 02:32 AM
Benzene	ND 0.72	4.4	µg/Kg 1 4/25/2009 02:32 AM
Bromobenzene	ND 1.4	4.4	µg/Kg 1 4/25/2009 02:32 AM
Bromodichloromethane	ND 0.75	4.4	µg/Kg 1 4/25/2009 02:32 AM
Bromoform	ND 1.1	4.4	µg/Kg 1 4/25/2009 02:32 AM
Bromomethane	ND 0.77	4.4	µg/Kg 1 4/25/2009 02:32 AM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/25/2009 02:32 AM
Chlorobenzene	ND 0.79	4.4	µg/Kg 1 4/25/2009 02:32 AM
Chloroethane	ND 1.2	4.4	µg/Kg 1 4/25/2009 02:32 AM
Chloroform	ND 0.54	4.4	µg/Kg 1 4/25/2009 02:32 AM
Chloromethane	ND 0.72	4.4	µg/Kg 1 4/25/2009 02:32 AM
cis-1,2-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/25/2009 02:32 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-018A

Client Sample ID: 1001-116-25-S
Collection Date: 4/23/2009 10:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.4	µg/Kg	1	4/25/2009 02:32 AM
Dibromochloromethane	ND	0.60	4.4	µg/Kg	1	4/25/2009 02:32 AM
Dibromomethane	ND	1.5	4.4	µg/Kg	1	4/25/2009 02:32 AM
Dichlorodifluoromethane	ND	0.53	4.4	µg/Kg	1	4/25/2009 02:32 AM
Ethylbenzene	ND	0.80	4.4	µg/Kg	1	4/25/2009 02:32 AM
Hexachlorobutadiene	ND	3.0	4.4	µg/Kg	1	4/25/2009 02:32 AM
Isopropylbenzene	ND	1.1	4.4	µg/Kg	1	4/25/2009 02:32 AM
m,p-Xylene	ND	1.5	8.8	µg/Kg	1	4/25/2009 02:32 AM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/25/2009 02:32 AM
n-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/25/2009 02:32 AM
n-Propylbenzene	ND	0.79	4.4	µg/Kg	1	4/25/2009 02:32 AM
Naphthalene	ND	1.5	4.4	µg/Kg	1	4/25/2009 02:32 AM
o-Xylene	ND	0.90	4.4	µg/Kg	1	4/25/2009 02:32 AM
sec-Butylbenzene	ND	0.75	4.4	µg/Kg	1	4/25/2009 02:32 AM
Styrene	ND	0.79	4.4	µg/Kg	1	4/25/2009 02:32 AM
tert-Butylbenzene	ND	0.54	4.4	µg/Kg	1	4/25/2009 02:32 AM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/25/2009 02:32 AM
Toluene	ND	0.73	4.4	µg/Kg	1	4/25/2009 02:32 AM
trans-1,2-Dichloroethene	ND	0.87	4.4	µg/Kg	1	4/25/2009 02:32 AM
Trichloroethene	ND	1.7	4.4	µg/Kg	1	4/25/2009 02:32 AM
Trichlorofluoromethane	ND	1.0	4.4	µg/Kg	1	4/25/2009 02:32 AM
Vinyl chloride	ND	0.52	4.4	µg/Kg	1	4/25/2009 02:32 AM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/25/2009 02:32 AM
Surr: 4-Bromofluorobenzene	97.1	0	67-127	%REC	1	4/25/2009 02:32 AM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/25/2009 02:32 AM
Surr: Toluene-d8	102	0	75-120	%REC	1	4/25/2009 02:32 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-019A

Client Sample ID: 1001-116-30-S
Collection Date: 4/23/2009 10:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090424C	QC Batch:	T09VS109	PrepDate:	4/24/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.7	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1,1-Trichloroethane	ND	0.62	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1,2-Trichloroethane	ND	1.6	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1-Dichloroethane	ND	0.49	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1-Dichloroethene	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,1-Dichloropropene	ND	1.5	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2,3-Trichlorobenzene	ND	1.0	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2,3-Trichloropropane	ND	0.72	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2,4-Trichlorobenzene	ND	1.3	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2,4-Trimethylbenzene	ND	0.83	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2-Dibromo-3-chloropropane	ND	1.9	9.6	µg/Kg	1	4/25/2009 02:52 AM	
1,2-Dibromoethane	ND	1.4	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2-Dichlorobenzene	ND	0.80	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2-Dichloroethane	ND	1.1	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,2-Dichloropropane	ND	1.5	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,3,5-Trimethylbenzene	ND	0.96	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,3-Dichlorobenzene	ND	0.97	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,3-Dichloropropane	ND	1.0	4.8	µg/Kg	1	4/25/2009 02:52 AM	
1,4-Dichlorobenzene	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM	
2,2-Dichloropropane	ND	0.84	4.8	µg/Kg	1	4/25/2009 02:52 AM	
2-Chlorotoluene	ND	0.63	4.8	µg/Kg	1	4/25/2009 02:52 AM	
4-Chlorotoluene	ND	0.65	4.8	µg/Kg	1	4/25/2009 02:52 AM	
4-Isopropyltoluene	ND	0.55	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Benzene	ND	0.79	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Bromobenzene	ND	1.5	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Bromodichloromethane	ND	0.82	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Bromoform	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Bromomethane	ND	0.84	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Carbon tetrachloride	ND	1.3	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Chlorobenzene	ND	0.86	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Chloroethane	ND	1.3	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Chloroform	ND	0.60	4.8	µg/Kg	1	4/25/2009 02:52 AM	
Chloromethane	ND	0.79	4.8	µg/Kg	1	4/25/2009 02:52 AM	
cis-1,2-Dichloroethene	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-019A

Client Sample ID: 1001-116-30-S
Collection Date: 4/23/2009 10:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM
Dibromochloromethane	ND	0.65	4.8	µg/Kg	1	4/25/2009 02:52 AM
Dibromomethane	ND	1.6	4.8	µg/Kg	1	4/25/2009 02:52 AM
Dichlorodifluoromethane	ND	0.58	4.8	µg/Kg	1	4/25/2009 02:52 AM
Ethylbenzene	ND	0.88	4.8	µg/Kg	1	4/25/2009 02:52 AM
Hexachlorobutadiene	ND	3.3	4.8	µg/Kg	1	4/25/2009 02:52 AM
Isopropylbenzene	ND	1.2	4.8	µg/Kg	1	4/25/2009 02:52 AM
m,p-Xylene	ND	1.6	9.6	µg/Kg	1	4/25/2009 02:52 AM
Methylene chloride	ND	4.8	4.8	µg/Kg	1	4/25/2009 02:52 AM
n-Butylbenzene	ND	1.0	4.8	µg/Kg	1	4/25/2009 02:52 AM
n-Propylbenzene	ND	0.87	4.8	µg/Kg	1	4/25/2009 02:52 AM
Naphthalene	ND	1.6	4.8	µg/Kg	1	4/25/2009 02:52 AM
o-Xylene	ND	0.99	4.8	µg/Kg	1	4/25/2009 02:52 AM
sec-Butylbenzene	ND	0.82	4.8	µg/Kg	1	4/25/2009 02:52 AM
Styrene	ND	0.86	4.8	µg/Kg	1	4/25/2009 02:52 AM
tert-Butylbenzene	ND	0.59	4.8	µg/Kg	1	4/25/2009 02:52 AM
Tetrachloroethene	ND	1.0	4.8	µg/Kg	1	4/25/2009 02:52 AM
Toluene	ND	0.80	4.8	µg/Kg	1	4/25/2009 02:52 AM
trans-1,2-Dichloroethene	ND	0.95	4.8	µg/Kg	1	4/25/2009 02:52 AM
Trichloroethene	ND	1.9	4.8	µg/Kg	1	4/25/2009 02:52 AM
Trichlorofluoromethane	ND	1.1	4.8	µg/Kg	1	4/25/2009 02:52 AM
Vinyl chloride	ND	0.57	4.8	µg/Kg	1	4/25/2009 02:52 AM
Surr: 1,2-Dichloroethane-d4	117	0	68-147	%REC	1	4/25/2009 02:52 AM
Surr: 4-Bromofluorobenzene	94.8	0	67-127	%REC	1	4/25/2009 02:52 AM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/25/2009 02:52 AM
Surr: Toluene-d8	98.5	0	75-120	%REC	1	4/25/2009 02:52 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-020A

Client Sample ID: 1001-116-35-S
Collection Date: 4/23/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1,1-Trichloroethane	ND 0.56	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1,2,2-Tetrachloroethane	ND 1.4	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1,2-Trichloroethane	ND 1.4	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1-Dichloroethane	ND 0.44	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,1-Dichloropropene	ND 1.3	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2,3-Trichlorobenzene	ND 0.90	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2,3-Trichloropropane	ND 0.65	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2,4-Trichlorobenzene	ND 1.2	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2,4-Trimethylbenzene	ND 0.75	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2-Dibromo-3-chloropropane	ND 1.7	8.7	µg/Kg 1 4/25/2009 03:11 AM
1,2-Dibromoethane	ND 1.3	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2-Dichlorobenzene	ND 0.72	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2-Dichloroethane	ND 1.0	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,3,5-Trimethylbenzene	ND 0.87	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,3-Dichlorobenzene	ND 0.88	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,3-Dichloropropane	ND 0.92	4.4	µg/Kg 1 4/25/2009 03:11 AM
1,4-Dichlorobenzene	ND 1.0	4.4	µg/Kg 1 4/25/2009 03:11 AM
2,2-Dichloropropane	ND 0.76	4.4	µg/Kg 1 4/25/2009 03:11 AM
2-Chlorotoluene	ND 0.57	4.4	µg/Kg 1 4/25/2009 03:11 AM
4-Chlorotoluene	ND 0.59	4.4	µg/Kg 1 4/25/2009 03:11 AM
4-Isopropyltoluene	ND 0.50	4.4	µg/Kg 1 4/25/2009 03:11 AM
Benzene	ND 0.72	4.4	µg/Kg 1 4/25/2009 03:11 AM
Bromobenzene	ND 1.4	4.4	µg/Kg 1 4/25/2009 03:11 AM
Bromodichloromethane	ND 0.74	4.4	µg/Kg 1 4/25/2009 03:11 AM
Bromoform	ND 1.1	4.4	µg/Kg 1 4/25/2009 03:11 AM
Bromomethane	ND 0.76	4.4	µg/Kg 1 4/25/2009 03:11 AM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/25/2009 03:11 AM
Chlorobenzene	ND 0.78	4.4	µg/Kg 1 4/25/2009 03:11 AM
Chloroethane	ND 1.1	4.4	µg/Kg 1 4/25/2009 03:11 AM
Chloroform	ND 0.54	4.4	µg/Kg 1 4/25/2009 03:11 AM
Chloromethane	ND 0.71	4.4	µg/Kg 1 4/25/2009 03:11 AM
cis-1,2-Dichloroethene	ND 1.0	4.4	µg/Kg 1 4/25/2009 03:11 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-020A

Client Sample ID: 1001-116-35-S
Collection Date: 4/23/2009 10:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.4	µg/Kg 1 4/25/2009 03:11 AM
Dibromochloromethane	ND 0.59	4.4	µg/Kg 1 4/25/2009 03:11 AM
Dibromomethane	ND 1.5	4.4	µg/Kg 1 4/25/2009 03:11 AM
Dichlorodifluoromethane	ND 0.52	4.4	µg/Kg 1 4/25/2009 03:11 AM
Ethylbenzene	ND 0.79	4.4	µg/Kg 1 4/25/2009 03:11 AM
Hexachlorobutadiene	ND 2.9	4.4	µg/Kg 1 4/25/2009 03:11 AM
Isopropylbenzene	ND 1.1	4.4	µg/Kg 1 4/25/2009 03:11 AM
m,p-Xylene	ND 1.5	8.7	µg/Kg 1 4/25/2009 03:11 AM
Methylene chloride	ND 4.4	4.4	µg/Kg 1 4/25/2009 03:11 AM
n-Butylbenzene	ND 0.91	4.4	µg/Kg 1 4/25/2009 03:11 AM
n-Propylbenzene	ND 0.79	4.4	µg/Kg 1 4/25/2009 03:11 AM
Naphthalene	ND 1.5	4.4	µg/Kg 1 4/25/2009 03:11 AM
o-Xylene	ND 0.90	4.4	µg/Kg 1 4/25/2009 03:11 AM
sec-Butylbenzene	ND 0.74	4.4	µg/Kg 1 4/25/2009 03:11 AM
Styrene	ND 0.78	4.4	µg/Kg 1 4/25/2009 03:11 AM
tert-Butylbenzene	ND 0.53	4.4	µg/Kg 1 4/25/2009 03:11 AM
Tetrachloroethene	ND 0.92	4.4	µg/Kg 1 4/25/2009 03:11 AM
Toluene	ND 0.72	4.4	µg/Kg 1 4/25/2009 03:11 AM
trans-1,2-Dichloroethene	ND 0.86	4.4	µg/Kg 1 4/25/2009 03:11 AM
Trichloroethene	ND 1.7	4.4	µg/Kg 1 4/25/2009 03:11 AM
Trichlorofluoromethane	ND 1.0	4.4	µg/Kg 1 4/25/2009 03:11 AM
Vinyl chloride	ND 0.51	4.4	µg/Kg 1 4/25/2009 03:11 AM
Surr: 1,2-Dichloroethane-d4	111 0	68-147	%REC 1 4/25/2009 03:11 AM
Surr: 4-Bromofluorobenzene	94.7 0	67-127	%REC 1 4/25/2009 03:11 AM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/25/2009 03:11 AM
Surr: Toluene-d8	91.8 0	75-120	%REC 1 4/25/2009 03:11 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-021A

Client Sample ID: 1001-116-40-S
Collection Date: 4/23/2009 10:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1,1-Trichloroethane	ND 0.51	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1,2,2-Tetrachloroethane	ND 1.2	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1,2-Trichloroethane	ND 1.3	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1-Dichloroethane	ND 0.40	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1-Dichloroethene	ND 1.0	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,1-Dichloropropene	ND 1.2	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2,3-Trichlorobenzene	ND 0.81	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2,3-Trichloropropane	ND 0.59	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2,4-Trichlorobenzene	ND 1.1	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2,4-Trimethylbenzene	ND 0.67	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2-Dibromo-3-chloropropane	ND 1.5	7.8	µg/Kg 1 4/25/2009 03:31 AM
1,2-Dibromoethane	ND 1.1	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2-Dichlorobenzene	ND 0.65	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2-Dichloroethane	ND 0.92	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,2-Dichloropropane	ND 1.2	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,3,5-Trimethylbenzene	ND 0.79	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,3-Dichlorobenzene	ND 0.79	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,3-Dichloropropane	ND 0.83	3.9	µg/Kg 1 4/25/2009 03:31 AM
1,4-Dichlorobenzene	ND 0.94	3.9	µg/Kg 1 4/25/2009 03:31 AM
2,2-Dichloropropane	ND 0.68	3.9	µg/Kg 1 4/25/2009 03:31 AM
2-Chlorotoluene	ND 0.52	3.9	µg/Kg 1 4/25/2009 03:31 AM
4-Chlorotoluene	ND 0.53	3.9	µg/Kg 1 4/25/2009 03:31 AM
4-Isopropyltoluene	ND 0.45	3.9	µg/Kg 1 4/25/2009 03:31 AM
Benzene	ND 0.65	3.9	µg/Kg 1 4/25/2009 03:31 AM
Bromobenzene	ND 1.2	3.9	µg/Kg 1 4/25/2009 03:31 AM
Bromodichloromethane	ND 0.67	3.9	µg/Kg 1 4/25/2009 03:31 AM
Bromoform	ND 0.95	3.9	µg/Kg 1 4/25/2009 03:31 AM
Bromomethane	ND 0.69	3.9	µg/Kg 1 4/25/2009 03:31 AM
Carbon tetrachloride	ND 1.0	3.9	µg/Kg 1 4/25/2009 03:31 AM
Chlorobenzene	ND 0.70	3.9	µg/Kg 1 4/25/2009 03:31 AM
Chloroethane	ND 1.0	3.9	µg/Kg 1 4/25/2009 03:31 AM
Chloroform	ND 0.49	3.9	µg/Kg 1 4/25/2009 03:31 AM
Chloromethane	ND 0.64	3.9	µg/Kg 1 4/25/2009 03:31 AM
cis-1,2-Dichloroethene	ND 0.95	3.9	µg/Kg 1 4/25/2009 03:31 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-021A

Client Sample ID: 1001-116-40-S
Collection Date: 4/23/2009 10:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090424C	QC Batch: T09VS109	PrepDate: 4/24/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.0	3.9	µg/Kg	1	4/25/2009 03:31 AM
Dibromochloromethane	ND	0.53	3.9	µg/Kg	1	4/25/2009 03:31 AM
Dibromomethane	ND	1.3	3.9	µg/Kg	1	4/25/2009 03:31 AM
Dichlorodifluoromethane	ND	0.47	3.9	µg/Kg	1	4/25/2009 03:31 AM
Ethylbenzene	ND	0.71	3.9	µg/Kg	1	4/25/2009 03:31 AM
Hexachlorobutadiene	ND	2.7	3.9	µg/Kg	1	4/25/2009 03:31 AM
Isopropylbenzene	ND	0.96	3.9	µg/Kg	1	4/25/2009 03:31 AM
m,p-Xylene	ND	1.3	7.8	µg/Kg	1	4/25/2009 03:31 AM
Methylene chloride	ND	3.9	3.9	µg/Kg	1	4/25/2009 03:31 AM
n-Butylbenzene	ND	0.82	3.9	µg/Kg	1	4/25/2009 03:31 AM
n-Propylbenzene	ND	0.71	3.9	µg/Kg	1	4/25/2009 03:31 AM
Naphthalene	ND	1.3	3.9	µg/Kg	1	4/25/2009 03:31 AM
o-Xylene	ND	0.81	3.9	µg/Kg	1	4/25/2009 03:31 AM
sec-Butylbenzene	ND	0.67	3.9	µg/Kg	1	4/25/2009 03:31 AM
Styrene	ND	0.70	3.9	µg/Kg	1	4/25/2009 03:31 AM
tert-Butylbenzene	ND	0.48	3.9	µg/Kg	1	4/25/2009 03:31 AM
Tetrachloroethene	ND	0.83	3.9	µg/Kg	1	4/25/2009 03:31 AM
Toluene	ND	0.65	3.9	µg/Kg	1	4/25/2009 03:31 AM
trans-1,2-Dichloroethene	ND	0.78	3.9	µg/Kg	1	4/25/2009 03:31 AM
Trichloroethene	ND	1.5	3.9	µg/Kg	1	4/25/2009 03:31 AM
Trichlorofluoromethane	ND	0.91	3.9	µg/Kg	1	4/25/2009 03:31 AM
Vinyl chloride	ND	0.46	3.9	µg/Kg	1	4/25/2009 03:31 AM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/25/2009 03:31 AM
Surr: 4-Bromofluorobenzene	95.8	0	67-127	%REC	1	4/25/2009 03:31 AM
Surr: Dibromofluoromethane	115	0	72-141	%REC	1	4/25/2009 03:31 AM
Surr: Toluene-d8	99.7	0	75-120	%REC	1	4/25/2009 03:31 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-022A

Client Sample ID: 1001-118-2-S
Collection Date: 4/23/2009 1:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1,1-Trichloroethane	ND 0.79	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1,2,2-Tetrachloroethane	ND 1.9	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1,2-Trichloroethane	ND 2.0	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1-Dichloroethane	ND 0.62	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1-Dichloroethene	ND 1.6	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,1-Dichloropropene	ND 1.9	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2,3-Trichlorobenzene	ND 1.3	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2,3-Trichloropropane	ND 0.92	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2,4-Trichlorobenzene	ND 1.7	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2,4-Trimethylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2-Dibromo-3-chloropropane	ND 2.4	12	µg/Kg 1 4/27/2009 12:43 PM
1,2-Dibromoethane	ND 1.8	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2-Dichlorobenzene	ND 1.0	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2-Dichloroethane	ND 1.4	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,2-Dichloropropane	ND 1.9	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,3,5-Trimethylbenzene	ND 1.2	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,3-Dichlorobenzene	ND 1.2	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,3-Dichloropropane	ND 1.3	6.2	µg/Kg 1 4/27/2009 12:43 PM
1,4-Dichlorobenzene	ND 1.5	6.2	µg/Kg 1 4/27/2009 12:43 PM
2,2-Dichloropropane	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
2-Chlorotoluene	ND 0.81	6.2	µg/Kg 1 4/27/2009 12:43 PM
4-Chlorotoluene	ND 0.83	6.2	µg/Kg 1 4/27/2009 12:43 PM
4-Isopropyltoluene	ND 0.70	6.2	µg/Kg 1 4/27/2009 12:43 PM
Benzene	ND 1.0	6.2	µg/Kg 1 4/27/2009 12:43 PM
Bromobenzene	ND 1.9	6.2	µg/Kg 1 4/27/2009 12:43 PM
Bromodichloromethane	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Bromoform	ND 1.5	6.2	µg/Kg 1 4/27/2009 12:43 PM
Bromomethane	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Carbon tetrachloride	ND 1.6	6.2	µg/Kg 1 4/27/2009 12:43 PM
Chlorobenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Chloroethane	ND 1.6	6.2	µg/Kg 1 4/27/2009 12:43 PM
Chloroform	ND 0.76	6.2	µg/Kg 1 4/27/2009 12:43 PM
Chloromethane	ND 1.0	6.2	µg/Kg 1 4/27/2009 12:43 PM
cis-1,2-Dichloroethene	ND 1.5	6.2	µg/Kg 1 4/27/2009 12:43 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-022A

Client Sample ID: 1001-118-2-S
Collection Date: 4/23/2009 1:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.6	6.2	µg/Kg 1 4/27/2009 12:43 PM
Dibromochloromethane	ND 0.84	6.2	µg/Kg 1 4/27/2009 12:43 PM
Dibromomethane	ND 2.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Dichlorodifluoromethane	ND 0.74	6.2	µg/Kg 1 4/27/2009 12:43 PM
Ethylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Hexachlorobutadiene	ND 4.2	6.2	µg/Kg 1 4/27/2009 12:43 PM
Isopropylbenzene	ND 1.5	6.2	µg/Kg 1 4/27/2009 12:43 PM
m,p-Xylene	ND 2.1	12	µg/Kg 1 4/27/2009 12:43 PM
Methylene chloride	ND 6.2	6.2	µg/Kg 1 4/27/2009 12:43 PM
n-Butylbenzene	ND 1.3	6.2	µg/Kg 1 4/27/2009 12:43 PM
n-Propylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Naphthalene	ND 2.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
o-Xylene	ND 1.3	6.2	µg/Kg 1 4/27/2009 12:43 PM
sec-Butylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
Styrene	ND 1.1	6.2	µg/Kg 1 4/27/2009 12:43 PM
tert-Butylbenzene	ND 0.75	6.2	µg/Kg 1 4/27/2009 12:43 PM
Tetrachloroethene	19 1.3	6.2	µg/Kg 1 4/27/2009 12:43 PM
Toluene	ND 1.0	6.2	µg/Kg 1 4/27/2009 12:43 PM
trans-1,2-Dichloroethene	ND 1.2	6.2	µg/Kg 1 4/27/2009 12:43 PM
Trichloroethene	ND 2.4	6.2	µg/Kg 1 4/27/2009 12:43 PM
Trichlorofluoromethane	ND 1.4	6.2	µg/Kg 1 4/27/2009 12:43 PM
Vinyl chloride	ND 0.73	6.2	µg/Kg 1 4/27/2009 12:43 PM
Surr: 1,2-Dichloroethane-d4	108 0	68-147	%REC 1 4/27/2009 12:43 PM
Surr: 4-Bromofluorobenzene	90.9 0	67-127	%REC 1 4/27/2009 12:43 PM
Surr: Dibromofluoromethane	110 0	72-141	%REC 1 4/27/2009 12:43 PM
Surr: Toluene-d8	111 0	75-120	%REC 1 4/27/2009 12:43 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-023A

Client Sample ID: 1001-118-5-S
Collection Date: 4/23/2009 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.7	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1,1-Trichloroethane	ND 0.63	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1,2-Trichloroethane	ND 1.6	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1-Dichloroethane	ND 0.49	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,1-Dichloropropene	ND 1.5	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2,3-Trichlorobenzene	ND 1.0	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2,3-Trichloropropane	ND 0.73	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2,4-Trichlorobenzene	ND 1.3	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2,4-Trimethylbenzene	ND 0.84	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2-Dibromo-3-chloropropane	ND 1.9	9.8	µg/Kg 1 4/27/2009 01:03 PM
1,2-Dibromoethane	ND 1.4	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2-Dichlorobenzene	ND 0.81	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2-Dichloroethane	ND 1.1	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,2-Dichloropropane	ND 1.5	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,3,5-Trimethylbenzene	ND 0.98	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,3-Dichlorobenzene	ND 0.99	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,3-Dichloropropane	ND 1.0	4.9	µg/Kg 1 4/27/2009 01:03 PM
1,4-Dichlorobenzene	ND 1.2	4.9	µg/Kg 1 4/27/2009 01:03 PM
2,2-Dichloropropane	ND 0.85	4.9	µg/Kg 1 4/27/2009 01:03 PM
2-Chlorotoluene	ND 0.64	4.9	µg/Kg 1 4/27/2009 01:03 PM
4-Chlorotoluene	ND 0.66	4.9	µg/Kg 1 4/27/2009 01:03 PM
4-Isopropyltoluene	ND 0.56	4.9	µg/Kg 1 4/27/2009 01:03 PM
Benzene	ND 0.80	4.9	µg/Kg 1 4/27/2009 01:03 PM
Bromobenzene	ND 1.5	4.9	µg/Kg 1 4/27/2009 01:03 PM
Bromodichloromethane	ND 0.84	4.9	µg/Kg 1 4/27/2009 01:03 PM
Bromoform	ND 1.2	4.9	µg/Kg 1 4/27/2009 01:03 PM
Bromomethane	ND 0.86	4.9	µg/Kg 1 4/27/2009 01:03 PM
Carbon tetrachloride	ND 1.3	4.9	µg/Kg 1 4/27/2009 01:03 PM
Chlorobenzene	ND 0.88	4.9	µg/Kg 1 4/27/2009 01:03 PM
Chloroethane	ND 1.3	4.9	µg/Kg 1 4/27/2009 01:03 PM
Chloroform	ND 0.61	4.9	µg/Kg 1 4/27/2009 01:03 PM
Chloromethane	ND 0.80	4.9	µg/Kg 1 4/27/2009 01:03 PM
cis-1,2-Dichloroethene	ND 1.2	4.9	µg/Kg 1 4/27/2009 01:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-023A

Client Sample ID: 1001-118-5-S
Collection Date: 4/23/2009 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: M55_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.9	µg/Kg	1	4/27/2009 01:03 PM
Dibromochloromethane	ND	0.67	4.9	µg/Kg	1	4/27/2009 01:03 PM
Dibromomethane	ND	1.7	4.9	µg/Kg	1	4/27/2009 01:03 PM
Dichlorodifluoromethane	ND	0.59	4.9	µg/Kg	1	4/27/2009 01:03 PM
Ethylbenzene	ND	0.89	4.9	µg/Kg	1	4/27/2009 01:03 PM
Hexachlorobutadiene	ND	3.3	4.9	µg/Kg	1	4/27/2009 01:03 PM
Isopropylbenzene	ND	1.2	4.9	µg/Kg	1	4/27/2009 01:03 PM
m,p-Xylene	ND	1.6	9.8	µg/Kg	1	4/27/2009 01:03 PM
Methylene chloride	ND	4.9	4.9	µg/Kg	1	4/27/2009 01:03 PM
n-Butylbenzene	ND	1.0	4.9	µg/Kg	1	4/27/2009 01:03 PM
n-Propylbenzene	ND	0.88	4.9	µg/Kg	1	4/27/2009 01:03 PM
Naphthalene	ND	1.6	4.9	µg/Kg	1	4/27/2009 01:03 PM
o-Xylene	ND	1.0	4.9	µg/Kg	1	4/27/2009 01:03 PM
sec-Butylbenzene	ND	0.83	4.9	µg/Kg	1	4/27/2009 01:03 PM
Styrene	ND	0.88	4.9	µg/Kg	1	4/27/2009 01:03 PM
tert-Butylbenzene	ND	0.60	4.9	µg/Kg	1	4/27/2009 01:03 PM
Tetrachloroethene	ND	1.0	4.9	µg/Kg	1	4/27/2009 01:03 PM
Toluene	ND	0.81	4.9	µg/Kg	1	4/27/2009 01:03 PM
trans-1,2-Dichloroethene	ND	0.97	4.9	µg/Kg	1	4/27/2009 01:03 PM
Trichloroethene	ND	1.9	4.9	µg/Kg	1	4/27/2009 01:03 PM
Trichlorofluoromethane	ND	1.1	4.9	µg/Kg	1	4/27/2009 01:03 PM
Vinyl chloride	ND	0.58	4.9	µg/Kg	1	4/27/2009 01:03 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/27/2009 01:03 PM
Surr: 4-Bromofluorobenzene	96.0	0	67-127	%REC	1	4/27/2009 01:03 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/27/2009 01:03 PM
Surr: Toluene-d8	115	0	75-120	%REC	1	4/27/2009 01:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-024A

Client Sample ID: 1001-118-10-S
Collection Date: 4/23/2009 1:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.4	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1,1-Trichloroethane	ND 0.88	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1,2,2-Tetrachloroethane	ND 2.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1,2-Trichloroethane	ND 2.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1-Dichloroethane	ND 0.69	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1-Dichloroethene	ND 1.7	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,1-Dichloropropene	ND 2.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2,3-Trichlorobenzene	ND 1.4	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2,3-Trichloropropane	ND 1.0	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2,4-Trichlorobenzene	ND 1.8	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2,4-Trimethylbenzene	ND 1.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2-Dibromo-3-chloropropane	ND 2.6	14	µg/Kg 1 4/27/2009 01:23 PM
1,2-Dibromoethane	ND 2.0	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2-Dichlorobenzene	ND 1.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2-Dichloroethane	ND 1.6	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,2-Dichloropropane	ND 2.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,3,5-Trimethylbenzene	ND 1.4	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,3-Dichlorobenzene	ND 1.4	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,3-Dichloropropane	ND 1.4	6.8	µg/Kg 1 4/27/2009 01:23 PM
1,4-Dichlorobenzene	ND 1.6	6.8	µg/Kg 1 4/27/2009 01:23 PM
2,2-Dichloropropane	ND 1.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
2-Chlorotoluene	ND 0.90	6.8	µg/Kg 1 4/27/2009 01:23 PM
4-Chlorotoluene	ND 0.92	6.8	µg/Kg 1 4/27/2009 01:23 PM
4-Isopropyltoluene	ND 0.78	6.8	µg/Kg 1 4/27/2009 01:23 PM
Benzene	ND 1.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
Bromobenzene	ND 2.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
Bromodichloromethane	ND 1.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
Bromoform	ND 1.6	6.8	µg/Kg 1 4/27/2009 01:23 PM
Bromomethane	ND 1.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
Carbon tetrachloride	ND 1.8	6.8	µg/Kg 1 4/27/2009 01:23 PM
Chlorobenzene	ND 1.2	6.8	µg/Kg 1 4/27/2009 01:23 PM
Chloroethane	ND 1.8	6.8	µg/Kg 1 4/27/2009 01:23 PM
Chloroform	ND 0.84	6.8	µg/Kg 1 4/27/2009 01:23 PM
Chloromethane	ND 1.1	6.8	µg/Kg 1 4/27/2009 01:23 PM
cis-1,2-Dichloroethene	ND 1.6	6.8	µg/Kg 1 4/27/2009 01:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-024A

Client Sample ID: 1001-118-10-S
Collection Date: 4/23/2009 1:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.7	6.8	µg/Kg	1	4/27/2009 01:23 PM
Dibromochloromethane	ND	0.93	6.8	µg/Kg	1	4/27/2009 01:23 PM
Dibromomethane	ND	2.3	6.8	µg/Kg	1	4/27/2009 01:23 PM
Dichlorodifluoromethane	ND	0.82	6.8	µg/Kg	1	4/27/2009 01:23 PM
Ethylbenzene	ND	1.2	6.8	µg/Kg	1	4/27/2009 01:23 PM
Hexachlorobutadiene	ND	4.6	6.8	µg/Kg	1	4/27/2009 01:23 PM
Isopropylbenzene	ND	1.7	6.8	µg/Kg	1	4/27/2009 01:23 PM
m,p-Xylene	ND	2.3	14	µg/Kg	1	4/27/2009 01:23 PM
Methylene chloride	ND	6.8	6.8	µg/Kg	1	4/27/2009 01:23 PM
n-Butylbenzene	ND	1.4	6.8	µg/Kg	1	4/27/2009 01:23 PM
n-Propylbenzene	ND	1.2	6.8	µg/Kg	1	4/27/2009 01:23 PM
Naphthalene	ND	2.3	6.8	µg/Kg	1	4/27/2009 01:23 PM
o-Xylene	ND	1.4	6.8	µg/Kg	1	4/27/2009 01:23 PM
sec-Butylbenzene	ND	1.2	6.8	µg/Kg	1	4/27/2009 01:23 PM
Styrene	ND	1.2	6.8	µg/Kg	1	4/27/2009 01:23 PM
tert-Butylbenzene	ND	0.83	6.8	µg/Kg	1	4/27/2009 01:23 PM
Tetrachloroethene	ND	1.4	6.8	µg/Kg	1	4/27/2009 01:23 PM
Toluene	ND	1.1	6.8	µg/Kg	1	4/27/2009 01:23 PM
trans-1,2-Dichloroethene	ND	1.3	6.8	µg/Kg	1	4/27/2009 01:23 PM
Trichloroethene	ND	2.7	6.8	µg/Kg	1	4/27/2009 01:23 PM
Trichlorofluoromethane	ND	1.6	6.8	µg/Kg	1	4/27/2009 01:23 PM
Vinyl chloride	ND	0.80	6.8	µg/Kg	1	4/27/2009 01:23 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/27/2009 01:23 PM
Surr: 4-Bromofluorobenzene	97.4	0	67-127	%REC	1	4/27/2009 01:23 PM
Surr: Dibromofluoromethane	110	0	72-141	%REC	1	4/27/2009 01:23 PM
Surr: Toluene-d8	111	0	75-120	%REC	1	4/27/2009 01:23 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-025A

Client Sample ID: 1001-118-20-S
Collection Date: 4/23/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1,1-Trichloroethane	ND 0.61	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1,2-Trichloroethane	ND 1.6	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1-Dichloroethane	ND 0.48	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1-Dichloroethene	ND 1.2	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,1-Dichloropropene	ND 1.4	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2,3-Trichlorobenzene	ND 0.99	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2,3-Trichloropropane	ND 0.71	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2,4-Trichlorobenzene	ND 1.3	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2,4-Trimethylbenzene	ND 0.82	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.5	µg/Kg 1 4/27/2009 01:42 PM
1,2-Dibromoethane	ND 1.4	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2-Dichlorobenzene	ND 0.79	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2-Dichloroethane	ND 1.1	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,2-Dichloropropane	ND 1.5	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,3,5-Trimethylbenzene	ND 0.95	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,3-Dichlorobenzene	ND 0.96	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,3-Dichloropropane	ND 1.0	4.8	µg/Kg 1 4/27/2009 01:42 PM
1,4-Dichlorobenzene	ND 1.1	4.8	µg/Kg 1 4/27/2009 01:42 PM
2,2-Dichloropropane	ND 0.83	4.8	µg/Kg 1 4/27/2009 01:42 PM
2-Chlorotoluene	ND 0.63	4.8	µg/Kg 1 4/27/2009 01:42 PM
4-Chlorotoluene	ND 0.64	4.8	µg/Kg 1 4/27/2009 01:42 PM
4-Isopropyltoluene	ND 0.54	4.8	µg/Kg 1 4/27/2009 01:42 PM
Benzene	ND 0.78	4.8	µg/Kg 1 4/27/2009 01:42 PM
Bromobenzene	ND 1.5	4.8	µg/Kg 1 4/27/2009 01:42 PM
Bromodichloromethane	ND 0.81	4.8	µg/Kg 1 4/27/2009 01:42 PM
Bromoform	ND 1.2	4.8	µg/Kg 1 4/27/2009 01:42 PM
Bromomethane	ND 0.83	4.8	µg/Kg 1 4/27/2009 01:42 PM
Carbon tetrachloride	ND 1.3	4.8	µg/Kg 1 4/27/2009 01:42 PM
Chlorobenzene	ND 0.85	4.8	µg/Kg 1 4/27/2009 01:42 PM
Chloroethane	ND 1.3	4.8	µg/Kg 1 4/27/2009 01:42 PM
Chloroform	ND 0.59	4.8	µg/Kg 1 4/27/2009 01:42 PM
Chloromethane	ND 0.78	4.8	µg/Kg 1 4/27/2009 01:42 PM
cis-1,2-Dichloroethene	ND 1.1	4.8	µg/Kg 1 4/27/2009 01:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-025A

Client Sample ID: 1001-118-20-S
Collection Date: 4/23/2009 1:15:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427A	QC Batch: T09VS110	PrepDate: 4/27/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.8	µg/Kg 1 4/27/2009 01:42 PM
Dibromochloromethane	ND 0.65	4.8	µg/Kg 1 4/27/2009 01:42 PM
Dibromomethane	ND 1.6	4.8	µg/Kg 1 4/27/2009 01:42 PM
Dichlorodifluoromethane	ND 0.57	4.8	µg/Kg 1 4/27/2009 01:42 PM
Ethylbenzene	ND 0.87	4.8	µg/Kg 1 4/27/2009 01:42 PM
Hexachlorobutadiene	ND 3.2	4.8	µg/Kg 1 4/27/2009 01:42 PM
Isopropylbenzene	ND 1.2	4.8	µg/Kg 1 4/27/2009 01:42 PM
m,p-Xylene	ND 1.6	9.5	µg/Kg 1 4/27/2009 01:42 PM
Methylene chloride	ND 4.8	4.8	µg/Kg 1 4/27/2009 01:42 PM
n-Butylbenzene	ND 0.99	4.8	µg/Kg 1 4/27/2009 01:42 PM
n-Propylbenzene	ND 0.86	4.8	µg/Kg 1 4/27/2009 01:42 PM
Naphthalene	ND 1.6	4.8	µg/Kg 1 4/27/2009 01:42 PM
o-Xylene	ND 0.98	4.8	µg/Kg 1 4/27/2009 01:42 PM
sec-Butylbenzene	ND 0.81	4.8	µg/Kg 1 4/27/2009 01:42 PM
Styrene	ND 0.85	4.8	µg/Kg 1 4/27/2009 01:42 PM
tert-Butylbenzene	ND 0.58	4.8	µg/Kg 1 4/27/2009 01:42 PM
Tetrachloroethene	ND 1.0	4.8	µg/Kg 1 4/27/2009 01:42 PM
Toluene	ND 0.79	4.8	µg/Kg 1 4/27/2009 01:42 PM
trans-1,2-Dichloroethene	ND 0.94	4.8	µg/Kg 1 4/27/2009 01:42 PM
Trichloroethene	ND 1.9	4.8	µg/Kg 1 4/27/2009 01:42 PM
Trichlorofluoromethane	ND 1.1	4.8	µg/Kg 1 4/27/2009 01:42 PM
Vinyl chloride	ND 0.56	4.8	µg/Kg 1 4/27/2009 01:42 PM
Surr: 1,2-Dichloroethane-d4	112 0	68-147	%REC 1 4/27/2009 01:42 PM
Surr: 4-Bromofluorobenzene	91.6 0	67-127	%REC 1 4/27/2009 01:42 PM
Surr: Dibromofluoromethane	112 0	72-141	%REC 1 4/27/2009 01:42 PM
Surr: Toluene-d8	111 0	75-120	%REC 1 4/27/2009 01:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-026A

Client Sample ID: 1001-118-25-S
Collection Date: 4/23/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.5	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1,1-Trichloroethane	ND 0.57	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1,2-Trichloroethane	ND 1.5	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1-Dichloroethane	ND 0.45	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,1-Dichloropropene	ND 1.3	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2,3-Trichlorobenzene	ND 0.92	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2,3-Trichloropropane	ND 0.66	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2,4-Trichlorobenzene	ND 1.2	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2,4-Trimethylbenzene	ND 0.76	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2-Dibromo-3-chloropropane	ND 1.7	8.8	µg/Kg 1 4/27/2009 05:56 PM
1,2-Dibromoethane	ND 1.3	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2-Dichlorobenzene	ND 0.73	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2-Dichloroethane	ND 1.0	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,2-Dichloropropane	ND 1.4	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,3,5-Trimethylbenzene	ND 0.89	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,3-Dichlorobenzene	ND 0.89	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,3-Dichloropropane	ND 0.93	4.4	µg/Kg 1 4/27/2009 05:56 PM
1,4-Dichlorobenzene	ND 1.1	4.4	µg/Kg 1 4/27/2009 05:56 PM
2,2-Dichloropropane	ND 0.77	4.4	µg/Kg 1 4/27/2009 05:56 PM
2-Chlorotoluene	ND 0.58	4.4	µg/Kg 1 4/27/2009 05:56 PM
4-Chlorotoluene	ND 0.60	4.4	µg/Kg 1 4/27/2009 05:56 PM
4-Isopropyltoluene	ND 0.51	4.4	µg/Kg 1 4/27/2009 05:56 PM
Benzene	ND 0.73	4.4	µg/Kg 1 4/27/2009 05:56 PM
Bromobenzene	ND 1.4	4.4	µg/Kg 1 4/27/2009 05:56 PM
Bromodichloromethane	ND 0.75	4.4	µg/Kg 1 4/27/2009 05:56 PM
Bromoform	ND 1.1	4.4	µg/Kg 1 4/27/2009 05:56 PM
Bromomethane	ND 0.77	4.4	µg/Kg 1 4/27/2009 05:56 PM
Carbon tetrachloride	ND 1.2	4.4	µg/Kg 1 4/27/2009 05:56 PM
Chlorobenzene	ND 0.79	4.4	µg/Kg 1 4/27/2009 05:56 PM
Chloroethane	ND 1.2	4.4	µg/Kg 1 4/27/2009 05:56 PM
Chloroform	ND 0.55	4.4	µg/Kg 1 4/27/2009 05:56 PM
Chloromethane	ND 0.72	4.4	µg/Kg 1 4/27/2009 05:56 PM
cis-1,2-Dichloroethene	ND 1.1	4.4	µg/Kg 1 4/27/2009 05:56 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-026A

Client Sample ID: 1001-118-25-S
Collection Date: 4/23/2009 1:20:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.4	µg/Kg	1	4/27/2009 05:56 PM
Dibromochloromethane	ND	0.60	4.4	µg/Kg	1	4/27/2009 05:56 PM
Dibromomethane	ND	1.5	4.4	µg/Kg	1	4/27/2009 05:56 PM
Dichlorodifluoromethane	ND	0.53	4.4	µg/Kg	1	4/27/2009 05:56 PM
Ethylbenzene	ND	0.80	4.4	µg/Kg	1	4/27/2009 05:56 PM
Hexachlorobutadiene	ND	3.0	4.4	µg/Kg	1	4/27/2009 05:56 PM
Isopropylbenzene	ND	1.1	4.4	µg/Kg	1	4/27/2009 05:56 PM
m,p-Xylene	ND	1.5	8.8	µg/Kg	1	4/27/2009 05:56 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/27/2009 05:56 PM
n-Butylbenzene	ND	0.92	4.4	µg/Kg	1	4/27/2009 05:56 PM
n-Propylbenzene	ND	0.80	4.4	µg/Kg	1	4/27/2009 05:56 PM
Naphthalene	ND	1.5	4.4	µg/Kg	1	4/27/2009 05:56 PM
o-Xylene	ND	0.91	4.4	µg/Kg	1	4/27/2009 05:56 PM
sec-Butylbenzene	ND	0.75	4.4	µg/Kg	1	4/27/2009 05:56 PM
Styrene	ND	0.79	4.4	µg/Kg	1	4/27/2009 05:56 PM
tert-Butylbenzene	ND	0.54	4.4	µg/Kg	1	4/27/2009 05:56 PM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/27/2009 05:56 PM
Toluene	ND	0.73	4.4	µg/Kg	1	4/27/2009 05:56 PM
trans-1,2-Dichloroethene	ND	0.88	4.4	µg/Kg	1	4/27/2009 05:56 PM
Trichloroethene	ND	1.7	4.4	µg/Kg	1	4/27/2009 05:56 PM
Trichlorofluoromethane	ND	1.0	4.4	µg/Kg	1	4/27/2009 05:56 PM
Vinyl chloride	ND	0.52	4.4	µg/Kg	1	4/27/2009 05:56 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/27/2009 05:56 PM
Surr: 4-Bromofluorobenzene	97.9	0	67-127	%REC	1	4/27/2009 05:56 PM
Surr: Dibromofluoromethane	111	0	72-141	%REC	1	4/27/2009 05:56 PM
Surr: Toluene-d8	106	0	75-120	%REC	1	4/27/2009 05:56 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-027A

Client Sample ID: 1001-118-30-S
Collection Date: 4/23/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1,1-Trichloroethane	ND 0.54	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1,2,2-Tetrachloroethane	ND 1.3	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1,2-Trichloroethane	ND 1.4	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1-Dichloroethane	ND 0.42	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1-Dichloroethene	ND 1.1	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,1-Dichloropropene	ND 1.3	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2,3-Trichlorobenzene	ND 0.86	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2,3-Trichloropropane	ND 0.62	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2,4-Trichlorobenzene	ND 1.1	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2,4-Trimethylbenzene	ND 0.72	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2-Dibromo-3-chloropropane	ND 1.6	8.3	µg/Kg 1 4/27/2009 06:16 PM
1,2-Dibromoethane	ND 1.2	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2-Dichlorobenzene	ND 0.69	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2-Dichloroethane	ND 0.98	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,2-Dichloropropane	ND 1.3	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,3,5-Trimethylbenzene	ND 0.84	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,3-Dichlorobenzene	ND 0.84	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,3-Dichloropropane	ND 0.88	4.2	µg/Kg 1 4/27/2009 06:16 PM
1,4-Dichlorobenzene	ND 1.0	4.2	µg/Kg 1 4/27/2009 06:16 PM
2,2-Dichloropropane	ND 0.73	4.2	µg/Kg 1 4/27/2009 06:16 PM
2-Chlorotoluene	ND 0.55	4.2	µg/Kg 1 4/27/2009 06:16 PM
4-Chlorotoluene	ND 0.56	4.2	µg/Kg 1 4/27/2009 06:16 PM
4-Isopropyltoluene	ND 0.48	4.2	µg/Kg 1 4/27/2009 06:16 PM
Benzene	ND 0.68	4.2	µg/Kg 1 4/27/2009 06:16 PM
Bromobenzene	ND 1.3	4.2	µg/Kg 1 4/27/2009 06:16 PM
Bromodichloromethane	ND 0.71	4.2	µg/Kg 1 4/27/2009 06:16 PM
Bromoform	ND 1.0	4.2	µg/Kg 1 4/27/2009 06:16 PM
Bromomethane	ND 0.73	4.2	µg/Kg 1 4/27/2009 06:16 PM
Carbon tetrachloride	ND 1.1	4.2	µg/Kg 1 4/27/2009 06:16 PM
Chlorobenzene	ND 0.75	4.2	µg/Kg 1 4/27/2009 06:16 PM
Chloroethane	ND 1.1	4.2	µg/Kg 1 4/27/2009 06:16 PM
Chloroform	ND 0.52	4.2	µg/Kg 1 4/27/2009 06:16 PM
Chloromethane	ND 0.68	4.2	µg/Kg 1 4/27/2009 06:16 PM
cis-1,2-Dichloroethene	ND 1.0	4.2	µg/Kg 1 4/27/2009 06:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-027A

Client Sample ID: 1001-118-30-S
Collection Date: 4/23/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.2	µg/Kg	1	4/27/2009 06:16 PM
Dibromochloromethane	ND	0.57	4.2	µg/Kg	1	4/27/2009 06:16 PM
Dibromomethane	ND	1.4	4.2	µg/Kg	1	4/27/2009 06:16 PM
Dichlorodifluoromethane	ND	0.50	4.2	µg/Kg	1	4/27/2009 06:16 PM
Ethylbenzene	ND	0.76	4.2	µg/Kg	1	4/27/2009 06:16 PM
Hexachlorobutadiene	ND	2.8	4.2	µg/Kg	1	4/27/2009 06:16 PM
Isopropylbenzene	ND	1.0	4.2	µg/Kg	1	4/27/2009 06:16 PM
m,p-Xylene	ND	1.4	8.3	µg/Kg	1	4/27/2009 06:16 PM
Methylene chloride	ND	4.2	4.2	µg/Kg	1	4/27/2009 06:16 PM
n-Butylbenzene	ND	0.87	4.2	µg/Kg	1	4/27/2009 06:16 PM
n-Propylbenzene	ND	0.75	4.2	µg/Kg	1	4/27/2009 06:16 PM
Naphthalene	ND	1.4	4.2	µg/Kg	1	4/27/2009 06:16 PM
o-Xylene	ND	0.86	4.2	µg/Kg	1	4/27/2009 06:16 PM
sec-Butylbenzene	ND	0.71	4.2	µg/Kg	1	4/27/2009 06:16 PM
Styrene	ND	0.75	4.2	µg/Kg	1	4/27/2009 06:16 PM
tert-Butylbenzene	ND	0.51	4.2	µg/Kg	1	4/27/2009 06:16 PM
Tetrachloroethene	ND	0.88	4.2	µg/Kg	1	4/27/2009 06:16 PM
Toluene	ND	0.69	4.2	µg/Kg	1	4/27/2009 06:16 PM
trans-1,2-Dichloroethene	ND	0.83	4.2	µg/Kg	1	4/27/2009 06:16 PM
Trichloroethene	ND	1.6	4.2	µg/Kg	1	4/27/2009 06:16 PM
Trichlorofluoromethane	ND	0.97	4.2	µg/Kg	1	4/27/2009 06:16 PM
Vinyl chloride	ND	0.49	4.2	µg/Kg	1	4/27/2009 06:16 PM
Surr: 1,2-Dichloroethane-d4	116	0	68-147	%REC	1	4/27/2009 06:16 PM
Surr: 4-Bromofluorobenzene	99.5	0	67-127	%REC	1	4/27/2009 06:16 PM
Surr: Dibromofluoromethane	116	0	72-141	%REC	1	4/27/2009 06:16 PM
Surr: Toluene-d8	114	0	75-120	%REC	1	4/27/2009 06:16 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-028A

Client Sample ID: 1001-118-35-S
Collection Date: 4/23/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1,1-Trichloroethane	ND 0.60	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1,2-Trichloroethane	ND 1.5	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1-Dichloroethane	ND 0.47	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2,3-Trichlorobenzene	ND 0.97	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2,3-Trichloropropane	ND 0.70	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2,4-Trimethylbenzene	ND 0.80	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.4	µg/Kg 1 4/27/2009 06:35 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2-Dichlorobenzene	ND 0.78	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,3,5-Trimethylbenzene	ND 0.94	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,3-Dichlorobenzene	ND 0.94	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,3-Dichloropropane	ND 0.99	4.7	µg/Kg 1 4/27/2009 06:35 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/27/2009 06:35 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/27/2009 06:35 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/27/2009 06:35 PM
4-Chlorotoluene	ND 0.63	4.7	µg/Kg 1 4/27/2009 06:35 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/27/2009 06:35 PM
Benzene	ND 0.77	4.7	µg/Kg 1 4/27/2009 06:35 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/27/2009 06:35 PM
Bromodichloromethane	ND 0.80	4.7	µg/Kg 1 4/27/2009 06:35 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/27/2009 06:35 PM
Bromomethane	ND 0.82	4.7	µg/Kg 1 4/27/2009 06:35 PM
Carbon tetrachloride	ND 1.2	4.7	µg/Kg 1 4/27/2009 06:35 PM
Chlorobenzene	ND 0.84	4.7	µg/Kg 1 4/27/2009 06:35 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/27/2009 06:35 PM
Chloroform	ND 0.58	4.7	µg/Kg 1 4/27/2009 06:35 PM
Chloromethane	ND 0.76	4.7	µg/Kg 1 4/27/2009 06:35 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/27/2009 06:35 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-028A

Client Sample ID: 1001-118-35-S
Collection Date: 4/23/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/27/2009 06:35 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/27/2009 06:35 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/27/2009 06:35 PM
Dichlorodifluoromethane	ND	0.56	4.7	µg/Kg	1	4/27/2009 06:35 PM
Ethylbenzene	ND	0.85	4.7	µg/Kg	1	4/27/2009 06:35 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/27/2009 06:35 PM
Isopropylbenzene	ND	1.1	4.7	µg/Kg	1	4/27/2009 06:35 PM
m,p-Xylene	ND	1.6	9.4	µg/Kg	1	4/27/2009 06:35 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/27/2009 06:35 PM
n-Butylbenzene	ND	0.98	4.7	µg/Kg	1	4/27/2009 06:35 PM
n-Propylbenzene	ND	0.85	4.7	µg/Kg	1	4/27/2009 06:35 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/27/2009 06:35 PM
o-Xylene	ND	0.96	4.7	µg/Kg	1	4/27/2009 06:35 PM
sec-Butylbenzene	ND	0.80	4.7	µg/Kg	1	4/27/2009 06:35 PM
Styrene	ND	0.84	4.7	µg/Kg	1	4/27/2009 06:35 PM
tert-Butylbenzene	ND	0.57	4.7	µg/Kg	1	4/27/2009 06:35 PM
Tetrachloroethene	ND	0.99	4.7	µg/Kg	1	4/27/2009 06:35 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/27/2009 06:35 PM
trans-1,2-Dichloroethene	ND	0.93	4.7	µg/Kg	1	4/27/2009 06:35 PM
Trichloroethene	ND	1.8	4.7	µg/Kg	1	4/27/2009 06:35 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/27/2009 06:35 PM
Vinyl chloride	ND	0.55	4.7	µg/Kg	1	4/27/2009 06:35 PM
Surr: 1,2-Dichloroethane-d4	108	0	68-147	%REC	1	4/27/2009 06:35 PM
Surr: 4-Bromofluorobenzene	99.2	0	67-127	%REC	1	4/27/2009 06:35 PM
Surr: Dibromofluoromethane	109	0	72-141	%REC	1	4/27/2009 06:35 PM
Surr: Toluene-d8	96.8	0	75-120	%REC	1	4/27/2009 06:35 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-029A

Client Sample ID: 1001-118-40-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1,1-Trichloroethane	ND 0.60	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1,2-Trichloroethane	ND 1.5	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1-Dichloroethane	ND 0.47	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1-Dichloroethene	ND 1.2	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,1-Dichloropropene	ND 1.4	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2,3-Trichlorobenzene	ND 0.96	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2,3-Trichloropropane	ND 0.69	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2,4-Trichlorobenzene	ND 1.2	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2,4-Trimethylbenzene	ND 0.79	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.2	µg/Kg 1 4/27/2009 06:55 PM
1,2-Dibromoethane	ND 1.4	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2-Dichlorobenzene	ND 0.77	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2-Dichloroethane	ND 1.1	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,2-Dichloropropane	ND 1.4	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,3,5-Trimethylbenzene	ND 0.92	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,3-Dichlorobenzene	ND 0.93	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,3-Dichloropropane	ND 0.97	4.6	µg/Kg 1 4/27/2009 06:55 PM
1,4-Dichlorobenzene	ND 1.1	4.6	µg/Kg 1 4/27/2009 06:55 PM
2,2-Dichloropropane	ND 0.80	4.6	µg/Kg 1 4/27/2009 06:55 PM
2-Chlorotoluene	ND 0.61	4.6	µg/Kg 1 4/27/2009 06:55 PM
4-Chlorotoluene	ND 0.62	4.6	µg/Kg 1 4/27/2009 06:55 PM
4-Isopropyltoluene	ND 0.53	4.6	µg/Kg 1 4/27/2009 06:55 PM
Benzene	ND 0.76	4.6	µg/Kg 1 4/27/2009 06:55 PM
Bromobenzene	ND 1.4	4.6	µg/Kg 1 4/27/2009 06:55 PM
Bromodichloromethane	ND 0.79	4.6	µg/Kg 1 4/27/2009 06:55 PM
Bromoform	ND 1.1	4.6	µg/Kg 1 4/27/2009 06:55 PM
Bromomethane	ND 0.81	4.6	µg/Kg 1 4/27/2009 06:55 PM
Carbon tetrachloride	ND 1.2	4.6	µg/Kg 1 4/27/2009 06:55 PM
Chlorobenzene	ND 0.83	4.6	µg/Kg 1 4/27/2009 06:55 PM
Chloroethane	ND 1.2	4.6	µg/Kg 1 4/27/2009 06:55 PM
Chloroform	ND 0.57	4.6	µg/Kg 1 4/27/2009 06:55 PM
Chloromethane	ND 0.75	4.6	µg/Kg 1 4/27/2009 06:55 PM
cis-1,2-Dichloroethene	ND 1.1	4.6	µg/Kg 1 4/27/2009 06:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-029A

Client Sample ID: 1001-118-40-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/27/2009 06:55 PM
Dibromochloromethane	ND	0.63	4.6	µg/Kg	1	4/27/2009 06:55 PM
Dibromomethane	ND	1.6	4.6	µg/Kg	1	4/27/2009 06:55 PM
Dichlorodifluoromethane	ND	0.55	4.6	µg/Kg	1	4/27/2009 06:55 PM
Ethylbenzene	ND	0.84	4.6	µg/Kg	1	4/27/2009 06:55 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/27/2009 06:55 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/27/2009 06:55 PM
m,p-Xylene	ND	1.6	9.2	µg/Kg	1	4/27/2009 06:55 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/27/2009 06:55 PM
n-Butylbenzene	ND	0.96	4.6	µg/Kg	1	4/27/2009 06:55 PM
n-Propylbenzene	ND	0.83	4.6	µg/Kg	1	4/27/2009 06:55 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/27/2009 06:55 PM
o-Xylene	ND	0.95	4.6	µg/Kg	1	4/27/2009 06:55 PM
sec-Butylbenzene	ND	0.79	4.6	µg/Kg	1	4/27/2009 06:55 PM
Styrene	ND	0.83	4.6	µg/Kg	1	4/27/2009 06:55 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/27/2009 06:55 PM
Tetrachloroethene	ND	0.97	4.6	µg/Kg	1	4/27/2009 06:55 PM
Toluene	ND	0.77	4.6	µg/Kg	1	4/27/2009 06:55 PM
trans-1,2-Dichloroethene	ND	0.92	4.6	µg/Kg	1	4/27/2009 06:55 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/27/2009 06:55 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/27/2009 06:55 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/27/2009 06:55 PM
Surr: 1,2-Dichloroethane-d4	113	0	68-147	%REC	1	4/27/2009 06:55 PM
Surr: 4-Bromofluorobenzene	89.4	0	67-127	%REC	1	4/27/2009 06:55 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/27/2009 06:55 PM
Surr: Toluene-d8	99.7	0	75-120	%REC	1	4/27/2009 06:55 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-030A

Client Sample ID: 1001-118-40D-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1,1-Trichloroethane	ND 0.53	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1,2,2-Tetrachloroethane	ND 1.3	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1,2-Trichloroethane	ND 1.3	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1-Dichloroethane	ND 0.41	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1-Dichloroethene	ND 1.0	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,1-Dichloropropene	ND 1.2	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2,3-Trichlorobenzene	ND 0.84	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2,3-Trichloropropane	ND 0.61	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2,4-Trichlorobenzene	ND 1.1	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2,4-Trimethylbenzene	ND 0.70	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2-Dibromo-3-chloropropane	ND 1.6	8.1	µg/Kg 1 4/27/2009 07:14 PM
1,2-Dibromoethane	ND 1.2	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2-Dichlorobenzene	ND 0.68	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2-Dichloroethane	ND 0.95	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,2-Dichloropropane	ND 1.3	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,3,5-Trimethylbenzene	ND 0.82	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,3-Dichlorobenzene	ND 0.82	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,3-Dichloropropane	ND 0.86	4.1	µg/Kg 1 4/27/2009 07:14 PM
1,4-Dichlorobenzene	ND 0.98	4.1	µg/Kg 1 4/27/2009 07:14 PM
2,2-Dichloropropane	ND 0.71	4.1	µg/Kg 1 4/27/2009 07:14 PM
2-Chlorotoluene	ND 0.54	4.1	µg/Kg 1 4/27/2009 07:14 PM
4-Chlorotoluene	ND 0.55	4.1	µg/Kg 1 4/27/2009 07:14 PM
4-Isopropyltoluene	ND 0.47	4.1	µg/Kg 1 4/27/2009 07:14 PM
Benzene	ND 0.67	4.1	µg/Kg 1 4/27/2009 07:14 PM
Bromobenzene	ND 1.3	4.1	µg/Kg 1 4/27/2009 07:14 PM
Bromodichloromethane	ND 0.70	4.1	µg/Kg 1 4/27/2009 07:14 PM
Bromoform	ND 0.99	4.1	µg/Kg 1 4/27/2009 07:14 PM
Bromomethane	ND 0.71	4.1	µg/Kg 1 4/27/2009 07:14 PM
Carbon tetrachloride	ND 1.1	4.1	µg/Kg 1 4/27/2009 07:14 PM
Chlorobenzene	ND 0.73	4.1	µg/Kg 1 4/27/2009 07:14 PM
Chloroethane	ND 1.1	4.1	µg/Kg 1 4/27/2009 07:14 PM
Chloroform	ND 0.50	4.1	µg/Kg 1 4/27/2009 07:14 PM
Chloromethane	ND 0.67	4.1	µg/Kg 1 4/27/2009 07:14 PM
cis-1,2-Dichloroethene	ND 0.98	4.1	µg/Kg 1 4/27/2009 07:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-030A

Client Sample ID: 1001-118-40D-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.0	4.1	µg/Kg	1	4/27/2009 07:14 PM
Dibromochloromethane	ND	0.55	4.1	µg/Kg	1	4/27/2009 07:14 PM
Dibromomethane	ND	1.4	4.1	µg/Kg	1	4/27/2009 07:14 PM
Dichlorodifluoromethane	ND	0.49	4.1	µg/Kg	1	4/27/2009 07:14 PM
Ethylbenzene	ND	0.74	4.1	µg/Kg	1	4/27/2009 07:14 PM
Hexachlorobutadiene	ND	2.8	4.1	µg/Kg	1	4/27/2009 07:14 PM
Isopropylbenzene	ND	1.0	4.1	µg/Kg	1	4/27/2009 07:14 PM
m,p-Xylene	ND	1.4	8.1	µg/Kg	1	4/27/2009 07:14 PM
Methylene chloride	ND	4.1	4.1	µg/Kg	1	4/27/2009 07:14 PM
n-Butylbenzene	ND	0.85	4.1	µg/Kg	1	4/27/2009 07:14 PM
n-Propylbenzene	ND	0.74	4.1	µg/Kg	1	4/27/2009 07:14 PM
Naphthalene	ND	1.4	4.1	µg/Kg	1	4/27/2009 07:14 PM
o-Xylene	ND	0.84	4.1	µg/Kg	1	4/27/2009 07:14 PM
sec-Butylbenzene	ND	0.69	4.1	µg/Kg	1	4/27/2009 07:14 PM
Styrene	ND	0.73	4.1	µg/Kg	1	4/27/2009 07:14 PM
tert-Butylbenzene	ND	0.50	4.1	µg/Kg	1	4/27/2009 07:14 PM
Tetrachloroethene	ND	0.86	4.1	µg/Kg	1	4/27/2009 07:14 PM
Toluene	ND	0.68	4.1	µg/Kg	1	4/27/2009 07:14 PM
trans-1,2-Dichloroethene	ND	0.81	4.1	µg/Kg	1	4/27/2009 07:14 PM
Trichloroethene	ND	1.6	4.1	µg/Kg	1	4/27/2009 07:14 PM
Trichlorofluoromethane	ND	0.94	4.1	µg/Kg	1	4/27/2009 07:14 PM
Vinyl chloride	ND	0.48	4.1	µg/Kg	1	4/27/2009 07:14 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/27/2009 07:14 PM
Surr: 4-Bromofluorobenzene	94.0	0	67-127	%REC	1	4/27/2009 07:14 PM
Surr: Dibromofluoromethane	114	0	72-141	%REC	1	4/27/2009 07:14 PM
Surr: Toluene-d8	94.9	0	75-120	%REC	1	4/27/2009 07:14 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-031A

Client Sample ID: 1001-119-2-S
Collection Date: 4/23/2009 2:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1,1-Trichloroethane	ND 0.59	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1,2,2-Tetrachloroethane	ND 1.4	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1,2-Trichloroethane	ND 1.5	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1-Dichloroethane	ND 0.47	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1-Dichloroethene	ND 1.2	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,1-Dichloropropene	ND 1.4	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2,3-Trichlorobenzene	ND 0.95	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2,3-Trichloropropane	ND 0.69	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2,4-Trichlorobenzene	ND 1.2	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2,4-Trimethylbenzene	ND 0.79	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.2	µg/Kg 1 4/27/2009 07:34 PM
1,2-Dibromoethane	ND 1.3	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2-Dichlorobenzene	ND 0.77	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2-Dichloroethane	ND 1.1	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,2-Dichloropropane	ND 1.4	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,3,5-Trimethylbenzene	ND 0.92	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,3-Dichlorobenzene	ND 0.93	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,3-Dichloropropane	ND 0.97	4.6	µg/Kg 1 4/27/2009 07:34 PM
1,4-Dichlorobenzene	ND 1.1	4.6	µg/Kg 1 4/27/2009 07:34 PM
2,2-Dichloropropane	ND 0.80	4.6	µg/Kg 1 4/27/2009 07:34 PM
2-Chlorotoluene	ND 0.61	4.6	µg/Kg 1 4/27/2009 07:34 PM
4-Chlorotoluene	ND 0.62	4.6	µg/Kg 1 4/27/2009 07:34 PM
4-Isopropyltoluene	ND 0.53	4.6	µg/Kg 1 4/27/2009 07:34 PM
Benzene	ND 0.76	4.6	µg/Kg 1 4/27/2009 07:34 PM
Bromobenzene	ND 1.4	4.6	µg/Kg 1 4/27/2009 07:34 PM
Bromodichloromethane	ND 0.79	4.6	µg/Kg 1 4/27/2009 07:34 PM
Bromoform	ND 1.1	4.6	µg/Kg 1 4/27/2009 07:34 PM
Bromomethane	ND 0.80	4.6	µg/Kg 1 4/27/2009 07:34 PM
Carbon tetrachloride	ND 1.2	4.6	µg/Kg 1 4/27/2009 07:34 PM
Chlorobenzene	ND 0.83	4.6	µg/Kg 1 4/27/2009 07:34 PM
Chloroethane	ND 1.2	4.6	µg/Kg 1 4/27/2009 07:34 PM
Chloroform	ND 0.57	4.6	µg/Kg 1 4/27/2009 07:34 PM
Chloromethane	ND 0.75	4.6	µg/Kg 1 4/27/2009 07:34 PM
cis-1,2-Dichloroethene	ND 1.1	4.6	µg/Kg 1 4/27/2009 07:34 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-031A

Client Sample ID: 1001-119-2-S
Collection Date: 4/23/2009 2:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/27/2009 07:34 PM
Dibromochloromethane	ND	0.63	4.6	µg/Kg	1	4/27/2009 07:34 PM
Dibromomethane	ND	1.6	4.6	µg/Kg	1	4/27/2009 07:34 PM
Dichlorodifluoromethane	ND	0.55	4.6	µg/Kg	1	4/27/2009 07:34 PM
Ethylbenzene	ND	0.84	4.6	µg/Kg	1	4/27/2009 07:34 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/27/2009 07:34 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/27/2009 07:34 PM
m,p-Xylene	ND	1.6	9.2	µg/Kg	1	4/27/2009 07:34 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/27/2009 07:34 PM
n-Butylbenzene	ND	0.96	4.6	µg/Kg	1	4/27/2009 07:34 PM
n-Propylbenzene	ND	0.83	4.6	µg/Kg	1	4/27/2009 07:34 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/27/2009 07:34 PM
o-Xylene	ND	0.95	4.6	µg/Kg	1	4/27/2009 07:34 PM
sec-Butylbenzene	ND	0.79	4.6	µg/Kg	1	4/27/2009 07:34 PM
Styrene	ND	0.82	4.6	µg/Kg	1	4/27/2009 07:34 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/27/2009 07:34 PM
Tetrachloroethene	ND	0.97	4.6	µg/Kg	1	4/27/2009 07:34 PM
Toluene	ND	0.76	4.6	µg/Kg	1	4/27/2009 07:34 PM
trans-1,2-Dichloroethene	ND	0.91	4.6	µg/Kg	1	4/27/2009 07:34 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/27/2009 07:34 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/27/2009 07:34 PM
Vinyl chloride	ND	0.54	4.6	µg/Kg	1	4/27/2009 07:34 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/27/2009 07:34 PM
Surr: 4-Bromofluorobenzene	89.5	0	67-127	%REC	1	4/27/2009 07:34 PM
Surr: Dibromofluoromethane	107	0	72-141	%REC	1	4/27/2009 07:34 PM
Surr: Toluene-d8	92.9	0	75-120	%REC	1	4/27/2009 07:34 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-032A

Client Sample ID: 1001-119-5-S
Collection Date: 4/23/2009 2:58:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.7	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1,1-Trichloroethane	ND	0.64	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1,2-Trichloroethane	ND	1.6	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1-Dichloroethane	ND	0.50	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1-Dichloroethene	ND	1.3	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,1-Dichloropropene	ND	1.5	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2,3-Trichlorobenzene	ND	1.0	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2,3-Trichloropropane	ND	0.74	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2,4-Trichlorobenzene	ND	1.3	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2,4-Trimethylbenzene	ND	0.85	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2-Dibromo-3-chloropropane	ND	1.9	9.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2-Dibromoethane	ND	1.4	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2-Dichlorobenzene	ND	0.82	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2-Dichloroethane	ND	1.2	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,2-Dichloropropane	ND	1.5	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,3,5-Trimethylbenzene	ND	0.99	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,3-Dichlorobenzene	ND	0.99	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,3-Dichloropropane	ND	1.0	4.9	µg/Kg	1	4/27/2009 12:55 PM	
1,4-Dichlorobenzene	ND	1.2	4.9	µg/Kg	1	4/27/2009 12:55 PM	
2,2-Dichloropropane	ND	0.86	4.9	µg/Kg	1	4/27/2009 12:55 PM	
2-Chlorotoluene	ND	0.65	4.9	µg/Kg	1	4/27/2009 12:55 PM	
4-Chlorotoluene	ND	0.67	4.9	µg/Kg	1	4/27/2009 12:55 PM	
4-Isopropyltoluene	ND	0.56	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Benzene	ND	0.81	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Bromobenzene	ND	1.5	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Bromodichloromethane	ND	0.84	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Bromoform	ND	1.2	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Bromomethane	ND	0.86	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Carbon tetrachloride	ND	1.3	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Chlorobenzene	ND	0.88	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Chloroethane	ND	1.3	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Chloroform	ND	0.61	4.9	µg/Kg	1	4/27/2009 12:55 PM	
Chloromethane	ND	0.81	4.9	µg/Kg	1	4/27/2009 12:55 PM	
cis-1,2-Dichloroethene	ND	1.2	4.9	µg/Kg	1	4/27/2009 12:55 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-032A

Client Sample ID: 1001-119-5-S
Collection Date: 4/23/2009 2:58:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.3	4.9	µg/Kg	1	4/27/2009 12:55 PM
Dibromochloromethane	ND	0.67	4.9	µg/Kg	1	4/27/2009 12:55 PM
Dibromomethane	ND	1.7	4.9	µg/Kg	1	4/27/2009 12:55 PM
Dichlorodifluoromethane	ND	0.59	4.9	µg/Kg	1	4/27/2009 12:55 PM
Ethylbenzene	ND	0.90	4.9	µg/Kg	1	4/27/2009 12:55 PM
Hexachlorobutadiene	ND	3.3	4.9	µg/Kg	1	4/27/2009 12:55 PM
Isopropylbenzene	ND	1.2	4.9	µg/Kg	1	4/27/2009 12:55 PM
m,p-Xylene	ND	1.7	9.9	µg/Kg	1	4/27/2009 12:55 PM
Methylene chloride	ND	4.9	4.9	µg/Kg	1	4/27/2009 12:55 PM
n-Butylbenzene	ND	1.0	4.9	µg/Kg	1	4/27/2009 12:55 PM
n-Propylbenzene	ND	0.89	4.9	µg/Kg	1	4/27/2009 12:55 PM
Naphthalene	ND	1.6	4.9	µg/Kg	1	4/27/2009 12:55 PM
o-Xylene	ND	1.0	4.9	µg/Kg	1	4/27/2009 12:55 PM
sec-Butylbenzene	ND	0.84	4.9	µg/Kg	1	4/27/2009 12:55 PM
Styrene	ND	0.88	4.9	µg/Kg	1	4/27/2009 12:55 PM
tert-Butylbenzene	ND	0.60	4.9	µg/Kg	1	4/27/2009 12:55 PM
Tetrachloroethene	ND	1.0	4.9	µg/Kg	1	4/27/2009 12:55 PM
Toluene	ND	0.82	4.9	µg/Kg	1	4/27/2009 12:55 PM
trans-1,2-Dichloroethene	ND	0.98	4.9	µg/Kg	1	4/27/2009 12:55 PM
Trichloroethene	ND	1.9	4.9	µg/Kg	1	4/27/2009 12:55 PM
Trichlorofluoromethane	ND	1.1	4.9	µg/Kg	1	4/27/2009 12:55 PM
Vinyl chloride	ND	0.58	4.9	µg/Kg	1	4/27/2009 12:55 PM
Surr: 1,2-Dichloroethane-d4	110	0	68-147	%REC	1	4/27/2009 12:55 PM
Surr: 4-Bromofluorobenzene	108	0	67-127	%REC	1	4/27/2009 12:55 PM
Surr: Dibromofluoromethane	112	0	72-141	%REC	1	4/27/2009 12:55 PM
Surr: Toluene-d8	111	0	75-120	%REC	1	4/27/2009 12:55 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-033A

Client Sample ID: 1001-119-10-S
Collection Date: 4/23/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	2.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1,1-Trichloroethane	ND	0.80	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1,2,2-Tetrachloroethane	ND	1.9	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1,2-Trichloroethane	ND	2.0	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1-Dichloroethane	ND	0.63	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1-Dichloroethene	ND	1.6	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,1-Dichloropropene	ND	1.9	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2,3-Trichlorobenzene	ND	1.3	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2,3-Trichloropropane	ND	0.93	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2,4-Trichlorobenzene	ND	1.7	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2,4-Trimethylbenzene	ND	1.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2-Dibromo-3-chloropropane	ND	2.4	12	µg/Kg	1	4/27/2009 01:12 PM	
1,2-Dibromoethane	ND	1.8	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2-Dichlorobenzene	ND	1.0	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2-Dichloroethane	ND	1.5	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,2-Dichloropropane	ND	1.9	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,3,5-Trimethylbenzene	ND	1.2	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,3-Dichlorobenzene	ND	1.3	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,3-Dichloropropane	ND	1.3	6.2	µg/Kg	1	4/27/2009 01:12 PM	
1,4-Dichlorobenzene	ND	1.5	6.2	µg/Kg	1	4/27/2009 01:12 PM	
2,2-Dichloropropane	ND	1.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
2-Chlorotoluene	ND	0.82	6.2	µg/Kg	1	4/27/2009 01:12 PM	
4-Chlorotoluene	ND	0.84	6.2	µg/Kg	1	4/27/2009 01:12 PM	
4-Isopropyltoluene	ND	0.71	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Benzene	ND	1.0	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Bromobenzene	ND	1.9	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Bromodichloromethane	ND	1.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Bromoform	ND	1.5	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Bromomethane	ND	1.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Carbon tetrachloride	ND	1.7	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Chlorobenzene	ND	1.1	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Chloroethane	ND	1.6	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Chloroform	ND	0.77	6.2	µg/Kg	1	4/27/2009 01:12 PM	
Chloromethane	ND	1.0	6.2	µg/Kg	1	4/27/2009 01:12 PM	
cis-1,2-Dichloroethene	ND	1.5	6.2	µg/Kg	1	4/27/2009 01:12 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-033A

Client Sample ID: 1001-119-10-S
Collection Date: 4/23/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.6	6.2	µg/Kg 1 4/27/2009 01:12 PM
Dibromochloromethane	ND 0.84	6.2	µg/Kg 1 4/27/2009 01:12 PM
Dibromomethane	ND 2.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
Dichlorodifluoromethane	ND 0.75	6.2	µg/Kg 1 4/27/2009 01:12 PM
Ethylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
Hexachlorobutadiene	ND 4.2	6.2	µg/Kg 1 4/27/2009 01:12 PM
Isopropylbenzene	ND 1.5	6.2	µg/Kg 1 4/27/2009 01:12 PM
m,p-Xylene	ND 2.1	12	µg/Kg 1 4/27/2009 01:12 PM
Methylene chloride	ND 6.2	6.2	µg/Kg 1 4/27/2009 01:12 PM
n-Butylbenzene	ND 1.3	6.2	µg/Kg 1 4/27/2009 01:12 PM
n-Propylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
Naphthalene	ND 2.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
o-Xylene	ND 1.3	6.2	µg/Kg 1 4/27/2009 01:12 PM
sec-Butylbenzene	ND 1.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
Styrene	ND 1.1	6.2	µg/Kg 1 4/27/2009 01:12 PM
tert-Butylbenzene	ND 0.76	6.2	µg/Kg 1 4/27/2009 01:12 PM
Tetrachloroethene	ND 1.3	6.2	µg/Kg 1 4/27/2009 01:12 PM
Toluene	ND 1.0	6.2	µg/Kg 1 4/27/2009 01:12 PM
trans-1,2-Dichloroethene	ND 1.2	6.2	µg/Kg 1 4/27/2009 01:12 PM
Trichloroethene	ND 2.4	6.2	µg/Kg 1 4/27/2009 01:12 PM
Trichlorofluoromethane	ND 1.4	6.2	µg/Kg 1 4/27/2009 01:12 PM
Vinyl chloride	ND 0.73	6.2	µg/Kg 1 4/27/2009 01:12 PM
Surr: 1,2-Dichloroethane-d4	105 0	68-147	%REC 1 4/27/2009 01:12 PM
Surr: 4-Bromofluorobenzene	109 0	67-127	%REC 1 4/27/2009 01:12 PM
Surr: Dibromofluoromethane	108 0	72-141	%REC 1 4/27/2009 01:12 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/27/2009 01:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-034A

Client Sample ID: 1001-119-20-S
Collection Date: 4/23/2009 3:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.5	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1,1-Trichloroethane	ND	0.57	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1,2-Trichloroethane	ND	1.4	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1-Dichloroethane	ND	0.44	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1-Dichloroethene	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,1-Dichloropropene	ND	1.3	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2,3-Trichlorobenzene	ND	0.91	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2,3-Trichloropropane	ND	0.66	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2,4-Trimethylbenzene	ND	0.75	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2-Dibromo-3-chloropropane	ND	1.7	8.8	µg/Kg	1	4/27/2009 01:28 PM	
1,2-Dibromoethane	ND	1.3	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2-Dichlorobenzene	ND	0.73	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2-Dichloroethane	ND	1.0	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,2-Dichloropropane	ND	1.4	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,3,5-Trimethylbenzene	ND	0.88	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,3-Dichlorobenzene	ND	0.88	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,3-Dichloropropane	ND	0.92	4.4	µg/Kg	1	4/27/2009 01:28 PM	
1,4-Dichlorobenzene	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM	
2,2-Dichloropropane	ND	0.76	4.4	µg/Kg	1	4/27/2009 01:28 PM	
2-Chlorotoluene	ND	0.58	4.4	µg/Kg	1	4/27/2009 01:28 PM	
4-Chlorotoluene	ND	0.59	4.4	µg/Kg	1	4/27/2009 01:28 PM	
4-Isopropyltoluene	ND	0.50	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Benzene	ND	0.72	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Bromobenzene	ND	1.4	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Bromodichloromethane	ND	0.75	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Bromoform	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Bromomethane	ND	0.77	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Carbon tetrachloride	ND	1.2	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Chlorobenzene	ND	0.79	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Chloroethane	ND	1.2	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Chloroform	ND	0.54	4.4	µg/Kg	1	4/27/2009 01:28 PM	
Chloromethane	ND	0.72	4.4	µg/Kg	1	4/27/2009 01:28 PM	
cis-1,2-Dichloroethene	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-034A

Client Sample ID: 1001-119-20-S
Collection Date: 4/23/2009 3:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM
Dibromochloromethane	ND	0.60	4.4	µg/Kg	1	4/27/2009 01:28 PM
Dibromomethane	ND	1.5	4.4	µg/Kg	1	4/27/2009 01:28 PM
Dichlorodifluoromethane	ND	0.53	4.4	µg/Kg	1	4/27/2009 01:28 PM
Ethylbenzene	ND	0.80	4.4	µg/Kg	1	4/27/2009 01:28 PM
Hexachlorobutadiene	ND	3.0	4.4	µg/Kg	1	4/27/2009 01:28 PM
Isopropylbenzene	ND	1.1	4.4	µg/Kg	1	4/27/2009 01:28 PM
m,p-Xylene	ND	1.5	8.8	µg/Kg	1	4/27/2009 01:28 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/27/2009 01:28 PM
n-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/27/2009 01:28 PM
n-Propylbenzene	ND	0.79	4.4	µg/Kg	1	4/27/2009 01:28 PM
Naphthalene	ND	1.5	4.4	µg/Kg	1	4/27/2009 01:28 PM
o-Xylene	ND	0.90	4.4	µg/Kg	1	4/27/2009 01:28 PM
sec-Butylbenzene	ND	0.75	4.4	µg/Kg	1	4/27/2009 01:28 PM
Styrene	ND	0.79	4.4	µg/Kg	1	4/27/2009 01:28 PM
tert-Butylbenzene	ND	0.53	4.4	µg/Kg	1	4/27/2009 01:28 PM
Tetrachloroethene	ND	0.93	4.4	µg/Kg	1	4/27/2009 01:28 PM
Toluene	ND	0.73	4.4	µg/Kg	1	4/27/2009 01:28 PM
trans-1,2-Dichloroethene	ND	0.87	4.4	µg/Kg	1	4/27/2009 01:28 PM
Trichloroethene	ND	1.7	4.4	µg/Kg	1	4/27/2009 01:28 PM
Trichlorofluoromethane	ND	1.0	4.4	µg/Kg	1	4/27/2009 01:28 PM
Vinyl chloride	ND	0.52	4.4	µg/Kg	1	4/27/2009 01:28 PM
Surr: 1,2-Dichloroethane-d4	111	0	68-147	%REC	1	4/27/2009 01:28 PM
Surr: 4-Bromofluorobenzene	109	0	67-127	%REC	1	4/27/2009 01:28 PM
Surr: Dibromofluoromethane	113	0	72-141	%REC	1	4/27/2009 01:28 PM
Surr: Toluene-d8	109	0	75-120	%REC	1	4/27/2009 01:28 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-035A

Client Sample ID: 1001-119-25-S
Collection Date: 4/23/2009 3:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1,1-Trichloroethane	ND	0.58	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1,2-Trichloroethane	ND	1.5	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1-Dichloroethane	ND	0.46	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,1-Dichloropropene	ND	1.4	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2,3-Trichlorobenzene	ND	0.94	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2,3-Trichloropropane	ND	0.68	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2,4-Trimethylbenzene	ND	0.78	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2-Dibromo-3-chloropropane	ND	1.7	9.0	µg/Kg	1	4/27/2009 01:45 PM	
1,2-Dibromoethane	ND	1.3	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2-Dichlorobenzene	ND	0.75	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2-Dichloroethane	ND	1.1	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,2-Dichloropropane	ND	1.4	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,3,5-Trimethylbenzene	ND	0.90	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,3-Dichlorobenzene	ND	0.91	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,3-Dichloropropane	ND	0.95	4.5	µg/Kg	1	4/27/2009 01:45 PM	
1,4-Dichlorobenzene	ND	1.1	4.5	µg/Kg	1	4/27/2009 01:45 PM	
2,2-Dichloropropane	ND	0.79	4.5	µg/Kg	1	4/27/2009 01:45 PM	
2-Chlorotoluene	ND	0.59	4.5	µg/Kg	1	4/27/2009 01:45 PM	
4-Chlorotoluene	ND	0.61	4.5	µg/Kg	1	4/27/2009 01:45 PM	
4-Isopropyltoluene	ND	0.52	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Benzene	ND	0.74	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Bromobenzene	ND	1.4	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Bromodichloromethane	ND	0.77	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Bromoform	ND	1.1	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Bromomethane	ND	0.79	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Carbon tetrachloride	ND	1.2	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Chlorobenzene	ND	0.81	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Chloroethane	ND	1.2	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Chloroform	ND	0.56	4.5	µg/Kg	1	4/27/2009 01:45 PM	
Chloromethane	ND	0.74	4.5	µg/Kg	1	4/27/2009 01:45 PM	
cis-1,2-Dichloroethene	ND	1.1	4.5	µg/Kg	1	4/27/2009 01:45 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-035A

Client Sample ID: 1001-119-25-S
Collection Date: 4/23/2009 3:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.1	4.5	µg/Kg 1 4/27/2009 01:45 PM
Dibromochloromethane	ND 0.61	4.5	µg/Kg 1 4/27/2009 01:45 PM
Dibromomethane	ND 1.5	4.5	µg/Kg 1 4/27/2009 01:45 PM
Dichlorodifluoromethane	ND 0.54	4.5	µg/Kg 1 4/27/2009 01:45 PM
Ethylbenzene	ND 0.82	4.5	µg/Kg 1 4/27/2009 01:45 PM
Hexachlorobutadiene	ND 3.1	4.5	µg/Kg 1 4/27/2009 01:45 PM
Isopropylbenzene	ND 1.1	4.5	µg/Kg 1 4/27/2009 01:45 PM
m,p-Xylene	ND 1.5	9.0	µg/Kg 1 4/27/2009 01:45 PM
Methylene chloride	ND 4.5	4.5	µg/Kg 1 4/27/2009 01:45 PM
n-Butylbenzene	ND 0.94	4.5	µg/Kg 1 4/27/2009 01:45 PM
n-Propylbenzene	ND 0.82	4.5	µg/Kg 1 4/27/2009 01:45 PM
Naphthalene	ND 1.5	4.5	µg/Kg 1 4/27/2009 01:45 PM
o-Xylene	ND 0.93	4.5	µg/Kg 1 4/27/2009 01:45 PM
sec-Butylbenzene	ND 0.77	4.5	µg/Kg 1 4/27/2009 01:45 PM
Styrene	ND 0.81	4.5	µg/Kg 1 4/27/2009 01:45 PM
tert-Butylbenzene	ND 0.55	4.5	µg/Kg 1 4/27/2009 01:45 PM
Tetrachloroethene	ND 0.95	4.5	µg/Kg 1 4/27/2009 01:45 PM
Toluene	ND 0.75	4.5	µg/Kg 1 4/27/2009 01:45 PM
trans-1,2-Dichloroethene	ND 0.90	4.5	µg/Kg 1 4/27/2009 01:45 PM
Trichloroethene	ND 1.8	4.5	µg/Kg 1 4/27/2009 01:45 PM
Trichlorofluoromethane	ND 1.0	4.5	µg/Kg 1 4/27/2009 01:45 PM
Vinyl chloride	ND 0.53	4.5	µg/Kg 1 4/27/2009 01:45 PM
Surr: 1,2-Dichloroethane-d4	107 0	68-147	%REC 1 4/27/2009 01:45 PM
Surr: 4-Bromofluorobenzene	108 0	67-127	%REC 1 4/27/2009 01:45 PM
Surr: Dibromofluoromethane	112 0	72-141	%REC 1 4/27/2009 01:45 PM
Surr: Toluene-d8	109 0	75-120	%REC 1 4/27/2009 01:45 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-036A

Client Sample ID: 1001-119-30-S
Collection Date: 4/23/2009 3:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.9	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1,1-Trichloroethane	ND	0.69	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1,2,2-Tetrachloroethane	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1,2-Trichloroethane	ND	1.8	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1-Dichloroethane	ND	0.54	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1-Dichloroethene	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,1-Dichloropropene	ND	1.6	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2,3-Trichlorobenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2,3-Trichloropropane	ND	0.81	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2,4-Trichlorobenzene	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2,4-Trimethylbenzene	ND	0.92	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2-Dibromo-3-chloropropane	ND	2.1	11	µg/Kg	1	4/27/2009 02:02 PM	
1,2-Dibromoethane	ND	1.6	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2-Dichlorobenzene	ND	0.89	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2-Dichloroethane	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,2-Dichloropropane	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,3,5-Trimethylbenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,3-Dichlorobenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,3-Dichloropropane	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:02 PM	
1,4-Dichlorobenzene	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:02 PM	
2,2-Dichloropropane	ND	0.94	5.4	µg/Kg	1	4/27/2009 02:02 PM	
2-Chlorotoluene	ND	0.71	5.4	µg/Kg	1	4/27/2009 02:02 PM	
4-Chlorotoluene	ND	0.73	5.4	µg/Kg	1	4/27/2009 02:02 PM	
4-Isopropyltoluene	ND	0.62	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Benzene	ND	0.88	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Bromobenzene	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Bromodichloromethane	ND	0.92	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Bromoform	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Bromomethane	ND	0.94	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Carbon tetrachloride	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Chlorobenzene	ND	0.96	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Chloroethane	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Chloroform	ND	0.67	5.4	µg/Kg	1	4/27/2009 02:02 PM	
Chloromethane	ND	0.88	5.4	µg/Kg	1	4/27/2009 02:02 PM	
cis-1,2-Dichloroethene	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:02 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-036A

Client Sample ID: 1001-119-30-S
Collection Date: 4/23/2009 3:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.4	µg/Kg 1 4/27/2009 02:02 PM
Dibromochloromethane	ND 0.73	5.4	µg/Kg 1 4/27/2009 02:02 PM
Dibromomethane	ND 1.8	5.4	µg/Kg 1 4/27/2009 02:02 PM
Dichlorodifluoromethane	ND 0.65	5.4	µg/Kg 1 4/27/2009 02:02 PM
Ethylbenzene	ND 0.98	5.4	µg/Kg 1 4/27/2009 02:02 PM
Hexachlorobutadiene	ND 3.6	5.4	µg/Kg 1 4/27/2009 02:02 PM
Isopropylbenzene	ND 1.3	5.4	µg/Kg 1 4/27/2009 02:02 PM
m,p-Xylene	ND 1.8	11	µg/Kg 1 4/27/2009 02:02 PM
Methylene chloride	ND 5.4	5.4	µg/Kg 1 4/27/2009 02:02 PM
n-Butylbenzene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:02 PM
n-Propylbenzene	ND 0.97	5.4	µg/Kg 1 4/27/2009 02:02 PM
Naphthalene	ND 1.8	5.4	µg/Kg 1 4/27/2009 02:02 PM
o-Xylene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:02 PM
sec-Butylbenzene	ND 0.92	5.4	µg/Kg 1 4/27/2009 02:02 PM
Styrene	ND 0.96	5.4	µg/Kg 1 4/27/2009 02:02 PM
tert-Butylbenzene	ND 0.65	5.4	µg/Kg 1 4/27/2009 02:02 PM
Tetrachloroethene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:02 PM
Toluene	ND 0.89	5.4	µg/Kg 1 4/27/2009 02:02 PM
trans-1,2-Dichloroethene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:02 PM
Trichloroethene	ND 2.1	5.4	µg/Kg 1 4/27/2009 02:02 PM
Trichlorofluoromethane	ND 1.2	5.4	µg/Kg 1 4/27/2009 02:02 PM
Vinyl chloride	ND 0.63	5.4	µg/Kg 1 4/27/2009 02:02 PM
Surr: 1,2-Dichloroethane-d4	114 0	68-147	%REC 1 4/27/2009 02:02 PM
Surr: 4-Bromofluorobenzene	109 0	67-127	%REC 1 4/27/2009 02:02 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/27/2009 02:02 PM
Surr: Toluene-d8	113 0	75-120	%REC 1 4/27/2009 02:02 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-037A

Client Sample ID: 1001-119-35-S
Collection Date: 4/23/2009 3:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.9	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1,1-Trichloroethane	ND	0.69	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1,2,2-Tetrachloroethane	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1,2-Trichloroethane	ND	1.8	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1-Dichloroethane	ND	0.54	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1-Dichloroethene	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,1-Dichloropropene	ND	1.6	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2,3-Trichlorobenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2,3-Trichloropropane	ND	0.81	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2,4-Trichlorobenzene	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2,4-Trimethylbenzene	ND	0.92	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2-Dibromo-3-chloropropane	ND	2.1	11	µg/Kg	1	4/27/2009 02:19 PM	
1,2-Dibromoethane	ND	1.6	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2-Dichlorobenzene	ND	0.89	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2-Dichloroethane	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,2-Dichloropropane	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,3,5-Trimethylbenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,3-Dichlorobenzene	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,3-Dichloropropane	ND	1.1	5.4	µg/Kg	1	4/27/2009 02:19 PM	
1,4-Dichlorobenzene	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:19 PM	
2,2-Dichloropropane	ND	0.94	5.4	µg/Kg	1	4/27/2009 02:19 PM	
2-Chlorotoluene	ND	0.71	5.4	µg/Kg	1	4/27/2009 02:19 PM	
4-Chlorotoluene	ND	0.73	5.4	µg/Kg	1	4/27/2009 02:19 PM	
4-Isopropyltoluene	ND	0.62	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Benzene	ND	0.88	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Bromobenzene	ND	1.7	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Bromodichloromethane	ND	0.92	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Bromoform	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Bromomethane	ND	0.94	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Carbon tetrachloride	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Chlorobenzene	ND	0.96	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Chloroethane	ND	1.4	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Chloroform	ND	0.67	5.4	µg/Kg	1	4/27/2009 02:19 PM	
Chloromethane	ND	0.88	5.4	µg/Kg	1	4/27/2009 02:19 PM	
cis-1,2-Dichloroethene	ND	1.3	5.4	µg/Kg	1	4/27/2009 02:19 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-037A

Client Sample ID: 1001-119-35-S
Collection Date: 4/23/2009 3:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.4	µg/Kg 1 4/27/2009 02:19 PM
Dibromochloromethane	ND 0.73	5.4	µg/Kg 1 4/27/2009 02:19 PM
Dibromomethane	ND 1.8	5.4	µg/Kg 1 4/27/2009 02:19 PM
Dichlorodifluoromethane	ND 0.65	5.4	µg/Kg 1 4/27/2009 02:19 PM
Ethylbenzene	ND 0.98	5.4	µg/Kg 1 4/27/2009 02:19 PM
Hexachlorobutadiene	ND 3.6	5.4	µg/Kg 1 4/27/2009 02:19 PM
Isopropylbenzene	ND 1.3	5.4	µg/Kg 1 4/27/2009 02:19 PM
m,p-Xylene	ND 1.8	11	µg/Kg 1 4/27/2009 02:19 PM
Methylene chloride	ND 5.4	5.4	µg/Kg 1 4/27/2009 02:19 PM
n-Butylbenzene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:19 PM
n-Propylbenzene	ND 0.97	5.4	µg/Kg 1 4/27/2009 02:19 PM
Naphthalene	ND 1.8	5.4	µg/Kg 1 4/27/2009 02:19 PM
o-Xylene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:19 PM
sec-Butylbenzene	ND 0.92	5.4	µg/Kg 1 4/27/2009 02:19 PM
Styrene	ND 0.96	5.4	µg/Kg 1 4/27/2009 02:19 PM
tert-Butylbenzene	ND 0.65	5.4	µg/Kg 1 4/27/2009 02:19 PM
Tetrachloroethene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:19 PM
Toluene	ND 0.89	5.4	µg/Kg 1 4/27/2009 02:19 PM
trans-1,2-Dichloroethene	ND 1.1	5.4	µg/Kg 1 4/27/2009 02:19 PM
Trichloroethene	ND 2.1	5.4	µg/Kg 1 4/27/2009 02:19 PM
Trichlorofluoromethane	ND 1.2	5.4	µg/Kg 1 4/27/2009 02:19 PM
Vinyl chloride	ND 0.63	5.4	µg/Kg 1 4/27/2009 02:19 PM
Surr: 1,2-Dichloroethane-d4	117 0	68-147	%REC 1 4/27/2009 02:19 PM
Surr: 4-Bromofluorobenzene	109 0	67-127	%REC 1 4/27/2009 02:19 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/27/2009 02:19 PM
Surr: Toluene-d8	112 0	75-120	%REC 1 4/27/2009 02:19 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-038A

Client Sample ID: 1001-119-40-S
Collection Date: 4/23/2009 3:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1,1-Trichloroethane	ND 0.61	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1,2-Trichloroethane	ND 1.6	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1-Dichloroethane	ND 0.48	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2,3-Trichlorobenzene	ND 0.98	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2,3-Trichloropropane	ND 0.71	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2,4-Trimethylbenzene	ND 0.81	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.5	µg/Kg 1 4/27/2009 02:45 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2-Dichlorobenzene	ND 0.79	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,3,5-Trimethylbenzene	ND 0.95	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,3-Dichlorobenzene	ND 0.95	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,3-Dichloropropane	ND 1.0	4.7	µg/Kg 1 4/27/2009 02:45 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/27/2009 02:45 PM
2,2-Dichloropropane	ND 0.82	4.7	µg/Kg 1 4/27/2009 02:45 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/27/2009 02:45 PM
4-Chlorotoluene	ND 0.64	4.7	µg/Kg 1 4/27/2009 02:45 PM
4-Isopropyltoluene	ND 0.54	4.7	µg/Kg 1 4/27/2009 02:45 PM
Benzene	ND 0.78	4.7	µg/Kg 1 4/27/2009 02:45 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/27/2009 02:45 PM
Bromodichloromethane	ND 0.81	4.7	µg/Kg 1 4/27/2009 02:45 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/27/2009 02:45 PM
Bromomethane	ND 0.83	4.7	µg/Kg 1 4/27/2009 02:45 PM
Carbon tetrachloride	ND 1.3	4.7	µg/Kg 1 4/27/2009 02:45 PM
Chlorobenzene	ND 0.85	4.7	µg/Kg 1 4/27/2009 02:45 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/27/2009 02:45 PM
Chloroform	ND 0.59	4.7	µg/Kg 1 4/27/2009 02:45 PM
Chloromethane	ND 0.77	4.7	µg/Kg 1 4/27/2009 02:45 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/27/2009 02:45 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-038A

Client Sample ID: 1001-119-40-S
Collection Date: 4/23/2009 3:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.2	4.7	µg/Kg 1 4/27/2009 02:45 PM
Dibromochloromethane	ND 0.64	4.7	µg/Kg 1 4/27/2009 02:45 PM
Dibromomethane	ND 1.6	4.7	µg/Kg 1 4/27/2009 02:45 PM
Dichlorodifluoromethane	ND 0.57	4.7	µg/Kg 1 4/27/2009 02:45 PM
Ethylbenzene	ND 0.86	4.7	µg/Kg 1 4/27/2009 02:45 PM
Hexachlorobutadiene	ND 3.2	4.7	µg/Kg 1 4/27/2009 02:45 PM
Isopropylbenzene	ND 1.2	4.7	µg/Kg 1 4/27/2009 02:45 PM
m,p-Xylene	ND 1.6	9.5	µg/Kg 1 4/27/2009 02:45 PM
Methylene chloride	ND 4.7	4.7	µg/Kg 1 4/27/2009 02:45 PM
n-Butylbenzene	ND 0.98	4.7	µg/Kg 1 4/27/2009 02:45 PM
n-Propylbenzene	ND 0.85	4.7	µg/Kg 1 4/27/2009 02:45 PM
Naphthalene	ND 1.6	4.7	µg/Kg 1 4/27/2009 02:45 PM
o-Xylene	ND 0.97	4.7	µg/Kg 1 4/27/2009 02:45 PM
sec-Butylbenzene	ND 0.81	4.7	µg/Kg 1 4/27/2009 02:45 PM
Styrene	ND 0.85	4.7	µg/Kg 1 4/27/2009 02:45 PM
tert-Butylbenzene	ND 0.58	4.7	µg/Kg 1 4/27/2009 02:45 PM
Tetrachloroethene	ND 1.0	4.7	µg/Kg 1 4/27/2009 02:45 PM
Toluene	ND 0.78	4.7	µg/Kg 1 4/27/2009 02:45 PM
trans-1,2-Dichloroethene	ND 0.94	4.7	µg/Kg 1 4/27/2009 02:45 PM
Trichloroethene	ND 1.9	4.7	µg/Kg 1 4/27/2009 02:45 PM
Trichlorofluoromethane	ND 1.1	4.7	µg/Kg 1 4/27/2009 02:45 PM
Vinyl chloride	ND 0.56	4.7	µg/Kg 1 4/27/2009 02:45 PM
Surr: 1,2-Dichloroethane-d4	117 0	68-147	%REC 1 4/27/2009 02:45 PM
Surr: 4-Bromofluorobenzene	110 0	67-127	%REC 1 4/27/2009 02:45 PM
Surr: Dibromofluoromethane	113 0	72-141	%REC 1 4/27/2009 02:45 PM
Surr: Toluene-d8	112 0	75-120	%REC 1 4/27/2009 02:45 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-039A

Client Sample ID: 1001-120-5-S
Collection Date: 4/23/2009 3:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.6	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1,1-Trichloroethane	ND	0.60	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1,2,2-Tetrachloroethane	ND	1.5	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1,2-Trichloroethane	ND	1.5	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1-Dichloroethane	ND	0.47	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1-Dichloroethene	ND	1.2	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,1-Dichloropropene	ND	1.4	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2,3-Trichlorobenzene	ND	0.96	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2,3-Trichloropropane	ND	0.70	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2,4-Trimethylbenzene	ND	0.80	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2-Dibromo-3-chloropropane	ND	1.8	9.3	µg/Kg	1	4/27/2009 03:02 PM	
1,2-Dibromoethane	ND	1.4	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2-Dichlorobenzene	ND	0.77	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2-Dichloroethane	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,2-Dichloropropane	ND	1.5	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,3,5-Trimethylbenzene	ND	0.93	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,3-Dichlorobenzene	ND	0.94	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,3-Dichloropropane	ND	0.98	4.6	µg/Kg	1	4/27/2009 03:02 PM	
1,4-Dichlorobenzene	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM	
2,2-Dichloropropane	ND	0.81	4.6	µg/Kg	1	4/27/2009 03:02 PM	
2-Chlorotoluene	ND	0.61	4.6	µg/Kg	1	4/27/2009 03:02 PM	
4-Chlorotoluene	ND	0.63	4.6	µg/Kg	1	4/27/2009 03:02 PM	
4-Isopropyltoluene	ND	0.53	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Benzene	ND	0.76	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Bromobenzene	ND	1.4	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Bromodichloromethane	ND	0.79	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Bromoform	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Bromomethane	ND	0.81	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Carbon tetrachloride	ND	1.2	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Chlorobenzene	ND	0.83	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Chloroethane	ND	1.2	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Chloroform	ND	0.58	4.6	µg/Kg	1	4/27/2009 03:02 PM	
Chloromethane	ND	0.76	4.6	µg/Kg	1	4/27/2009 03:02 PM	
cis-1,2-Dichloroethene	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-039A

Client Sample ID: 1001-120-5-S
Collection Date: 4/23/2009 3:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.6	µg/Kg	1	4/27/2009 03:02 PM
Dibromochloromethane	ND	0.63	4.6	µg/Kg	1	4/27/2009 03:02 PM
Dibromomethane	ND	1.6	4.6	µg/Kg	1	4/27/2009 03:02 PM
Dichlorodifluoromethane	ND	0.56	4.6	µg/Kg	1	4/27/2009 03:02 PM
Ethylbenzene	ND	0.84	4.6	µg/Kg	1	4/27/2009 03:02 PM
Hexachlorobutadiene	ND	3.1	4.6	µg/Kg	1	4/27/2009 03:02 PM
Isopropylbenzene	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM
m,p-Xylene	ND	1.6	9.3	µg/Kg	1	4/27/2009 03:02 PM
Methylene chloride	ND	4.6	4.6	µg/Kg	1	4/27/2009 03:02 PM
n-Butylbenzene	ND	0.97	4.6	µg/Kg	1	4/27/2009 03:02 PM
n-Propylbenzene	ND	0.84	4.6	µg/Kg	1	4/27/2009 03:02 PM
Naphthalene	ND	1.5	4.6	µg/Kg	1	4/27/2009 03:02 PM
o-Xylene	ND	0.95	4.6	µg/Kg	1	4/27/2009 03:02 PM
sec-Butylbenzene	ND	0.79	4.6	µg/Kg	1	4/27/2009 03:02 PM
Styrene	ND	0.83	4.6	µg/Kg	1	4/27/2009 03:02 PM
tert-Butylbenzene	ND	0.56	4.6	µg/Kg	1	4/27/2009 03:02 PM
Tetrachloroethene	31	0.98	4.6	µg/Kg	1	4/27/2009 03:02 PM
Toluene	ND	0.77	4.6	µg/Kg	1	4/27/2009 03:02 PM
trans-1,2-Dichloroethene	ND	0.92	4.6	µg/Kg	1	4/27/2009 03:02 PM
Trichloroethene	ND	1.8	4.6	µg/Kg	1	4/27/2009 03:02 PM
Trichlorofluoromethane	ND	1.1	4.6	µg/Kg	1	4/27/2009 03:02 PM
Vinyl chloride	ND	0.55	4.6	µg/Kg	1	4/27/2009 03:02 PM
Surr: 1,2-Dichloroethane-d4	118	0	68-147	%REC	1	4/27/2009 03:02 PM
Surr: 4-Bromofluorobenzene	103	0	67-127	%REC	1	4/27/2009 03:02 PM
Surr: Dibromofluoromethane	116	0	72-141	%REC	1	4/27/2009 03:02 PM
Surr: Toluene-d8	110	0	75-120	%REC	1	4/27/2009 03:02 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-040A

Client Sample ID: 1001-120-10-S
Collection Date: 4/23/2009 3:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_090427A	QC Batch:	K09VS064	PrepDate:	4/28/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.5	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1,1-Trichloroethane	ND	0.56	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1,2,2-Tetrachloroethane	ND	1.4	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1,2-Trichloroethane	ND	1.4	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1-Dichloroethane	ND	0.44	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1-Dichloroethene	ND	1.1	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,1-Dichloropropene	ND	1.3	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2,3-Trichlorobenzene	ND	0.90	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2,3-Trichloropropane	ND	0.65	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2,4-Trichlorobenzene	ND	1.2	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2,4-Trimethylbenzene	ND	0.75	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2-Dibromo-3-chloropropane	ND	1.7	8.7	µg/Kg	1	4/27/2009 03:19 PM	
1,2-Dibromoethane	ND	1.3	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2-Dichlorobenzene	ND	0.73	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2-Dichloroethane	ND	1.0	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,2-Dichloropropane	ND	1.4	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,3,5-Trimethylbenzene	ND	0.87	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,3-Dichlorobenzene	ND	0.88	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,3-Dichloropropane	ND	0.92	4.4	µg/Kg	1	4/27/2009 03:19 PM	
1,4-Dichlorobenzene	ND	1.0	4.4	µg/Kg	1	4/27/2009 03:19 PM	
2,2-Dichloropropane	ND	0.76	4.4	µg/Kg	1	4/27/2009 03:19 PM	
2-Chlorotoluene	ND	0.58	4.4	µg/Kg	1	4/27/2009 03:19 PM	
4-Chlorotoluene	ND	0.59	4.4	µg/Kg	1	4/27/2009 03:19 PM	
4-Isopropyltoluene	ND	0.50	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Benzene	ND	0.72	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Bromobenzene	ND	1.4	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Bromodichloromethane	ND	0.75	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Bromoform	ND	1.1	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Bromomethane	ND	0.76	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Carbon tetrachloride	ND	1.2	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Chlorobenzene	ND	0.78	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Chloroethane	ND	1.2	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Chloroform	ND	0.54	4.4	µg/Kg	1	4/27/2009 03:19 PM	
Chloromethane	ND	0.71	4.4	µg/Kg	1	4/27/2009 03:19 PM	
cis-1,2-Dichloroethene	ND	1.1	4.4	µg/Kg	1	4/27/2009 03:19 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-040A

Client Sample ID: 1001-120-10-S
Collection Date: 4/23/2009 3:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.1	4.4	µg/Kg	1	4/27/2009 03:19 PM
Dibromochloromethane	ND	0.59	4.4	µg/Kg	1	4/27/2009 03:19 PM
Dibromomethane	ND	1.5	4.4	µg/Kg	1	4/27/2009 03:19 PM
Dichlorodifluoromethane	ND	0.52	4.4	µg/Kg	1	4/27/2009 03:19 PM
Ethylbenzene	ND	0.79	4.4	µg/Kg	1	4/27/2009 03:19 PM
Hexachlorobutadiene	ND	3.0	4.4	µg/Kg	1	4/27/2009 03:19 PM
Isopropylbenzene	ND	1.1	4.4	µg/Kg	1	4/27/2009 03:19 PM
m,p-Xylene	ND	1.5	8.7	µg/Kg	1	4/27/2009 03:19 PM
Methylene chloride	ND	4.4	4.4	µg/Kg	1	4/27/2009 03:19 PM
n-Butylbenzene	ND	0.91	4.4	µg/Kg	1	4/27/2009 03:19 PM
n-Propylbenzene	ND	0.79	4.4	µg/Kg	1	4/27/2009 03:19 PM
Naphthalene	ND	1.5	4.4	µg/Kg	1	4/27/2009 03:19 PM
o-Xylene	ND	0.90	4.4	µg/Kg	1	4/27/2009 03:19 PM
sec-Butylbenzene	ND	0.74	4.4	µg/Kg	1	4/27/2009 03:19 PM
Styrene	ND	0.78	4.4	µg/Kg	1	4/27/2009 03:19 PM
tert-Butylbenzene	ND	0.53	4.4	µg/Kg	1	4/27/2009 03:19 PM
Tetrachloroethene	ND	0.92	4.4	µg/Kg	1	4/27/2009 03:19 PM
Toluene	ND	0.72	4.4	µg/Kg	1	4/27/2009 03:19 PM
trans-1,2-Dichloroethene	ND	0.87	4.4	µg/Kg	1	4/27/2009 03:19 PM
Trichloroethene	ND	1.7	4.4	µg/Kg	1	4/27/2009 03:19 PM
Trichlorofluoromethane	ND	1.0	4.4	µg/Kg	1	4/27/2009 03:19 PM
Vinyl chloride	ND	0.51	4.4	µg/Kg	1	4/27/2009 03:19 PM
Surr: 1,2-Dichloroethane-d4	118	0	68-147	%REC	1	4/27/2009 03:19 PM
Surr: 4-Bromofluorobenzene	110	0	67-127	%REC	1	4/27/2009 03:19 PM
Surr: Dibromofluoromethane	117	0	72-141	%REC	1	4/27/2009 03:19 PM
Surr: Toluene-d8	113	0	75-120	%REC	1	4/27/2009 03:19 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-041A

Client Sample ID: 1001-120-20-S
Collection Date: 4/23/2009 3:58:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.9	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1,1-Trichloroethane	ND 0.71	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1,2,2-Tetrachloroethane	ND 1.7	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1,2-Trichloroethane	ND 1.8	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1-Dichloroethane	ND 0.55	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1-Dichloroethene	ND 1.4	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,1-Dichloropropene	ND 1.7	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2,3-Trichlorobenzene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2,3-Trichloropropane	ND 0.82	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2,4-Trichlorobenzene	ND 1.5	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2,4-Trimethylbenzene	ND 0.94	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2-Dibromo-3-chloropropane	ND 2.1	11	µg/Kg 1 4/27/2009 03:36 PM
1,2-Dibromoethane	ND 1.6	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2-Dichlorobenzene	ND 0.91	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2-Dichloroethane	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,2-Dichloropropane	ND 1.7	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,3,5-Trimethylbenzene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,3-Dichlorobenzene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,3-Dichloropropane	ND 1.2	5.5	µg/Kg 1 4/27/2009 03:36 PM
1,4-Dichlorobenzene	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM
2,2-Dichloropropane	ND 0.95	5.5	µg/Kg 1 4/27/2009 03:36 PM
2-Chlorotoluene	ND 0.72	5.5	µg/Kg 1 4/27/2009 03:36 PM
4-Chlorotoluene	ND 0.74	5.5	µg/Kg 1 4/27/2009 03:36 PM
4-Isopropyltoluene	ND 0.63	5.5	µg/Kg 1 4/27/2009 03:36 PM
Benzene	ND 0.90	5.5	µg/Kg 1 4/27/2009 03:36 PM
Bromobenzene	ND 1.7	5.5	µg/Kg 1 4/27/2009 03:36 PM
Bromodichloromethane	ND 0.93	5.5	µg/Kg 1 4/27/2009 03:36 PM
Bromoform	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM
Bromomethane	ND 0.96	5.5	µg/Kg 1 4/27/2009 03:36 PM
Carbon tetrachloride	ND 1.5	5.5	µg/Kg 1 4/27/2009 03:36 PM
Chlorobenzene	ND 0.98	5.5	µg/Kg 1 4/27/2009 03:36 PM
Chloroethane	ND 1.4	5.5	µg/Kg 1 4/27/2009 03:36 PM
Chloroform	ND 0.68	5.5	µg/Kg 1 4/27/2009 03:36 PM
Chloromethane	ND 0.89	5.5	µg/Kg 1 4/27/2009 03:36 PM
cis-1,2-Dichloroethene	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-041A

Client Sample ID: 1001-120-20-S
Collection Date: 4/23/2009 3:58:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_090427A	QC Batch: K09VS064	PrepDate: 4/28/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.4	5.5	µg/Kg 1 4/27/2009 03:36 PM
Dibromochloromethane	ND 0.75	5.5	µg/Kg 1 4/27/2009 03:36 PM
Dibromomethane	ND 1.8	5.5	µg/Kg 1 4/27/2009 03:36 PM
Dichlorodifluoromethane	ND 0.66	5.5	µg/Kg 1 4/27/2009 03:36 PM
Ethylbenzene	ND 1.0	5.5	µg/Kg 1 4/27/2009 03:36 PM
Hexachlorobutadiene	ND 3.7	5.5	µg/Kg 1 4/27/2009 03:36 PM
Isopropylbenzene	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM
m,p-Xylene	ND 1.8	11	µg/Kg 1 4/27/2009 03:36 PM
Methylene chloride	ND 5.5	5.5	µg/Kg 1 4/27/2009 03:36 PM
n-Butylbenzene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
n-Propylbenzene	ND 0.99	5.5	µg/Kg 1 4/27/2009 03:36 PM
Naphthalene	ND 1.8	5.5	µg/Kg 1 4/27/2009 03:36 PM
o-Xylene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
sec-Butylbenzene	ND 0.93	5.5	µg/Kg 1 4/27/2009 03:36 PM
Styrene	ND 0.98	5.5	µg/Kg 1 4/27/2009 03:36 PM
tert-Butylbenzene	ND 0.67	5.5	µg/Kg 1 4/27/2009 03:36 PM
Tetrachloroethene	ND 1.2	5.5	µg/Kg 1 4/27/2009 03:36 PM
Toluene	ND 0.91	5.5	µg/Kg 1 4/27/2009 03:36 PM
trans-1,2-Dichloroethene	ND 1.1	5.5	µg/Kg 1 4/27/2009 03:36 PM
Trichloroethene	ND 2.2	5.5	µg/Kg 1 4/27/2009 03:36 PM
Trichlorofluoromethane	ND 1.3	5.5	µg/Kg 1 4/27/2009 03:36 PM
Vinyl chloride	ND 0.64	5.5	µg/Kg 1 4/27/2009 03:36 PM
Surr: 1,2-Dichloroethane-d4	122 0	68-147	%REC 1 4/27/2009 03:36 PM
Surr: 4-Bromofluorobenzene	111 0	67-127	%REC 1 4/27/2009 03:36 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/27/2009 03:36 PM
Surr: Toluene-d8	110 0	75-120	%REC 1 4/27/2009 03:36 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-042A

Client Sample ID: 1001-120-25-S
Collection Date: 4/23/2009 4:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1,1-Trichloroethane	ND 0.60	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1,2,2-Tetrachloroethane	ND 1.5	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1,2-Trichloroethane	ND 1.5	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1-Dichloroethane	ND 0.47	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1-Dichloroethene	ND 1.2	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,1-Dichloropropene	ND 1.4	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2,3-Trichlorobenzene	ND 0.97	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2,3-Trichloropropane	ND 0.70	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2,4-Trichlorobenzene	ND 1.3	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2,4-Trimethylbenzene	ND 0.80	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2-Dibromo-3-chloropropane	ND 1.8	9.3	µg/Kg 1 4/27/2009 05:37 PM
1,2-Dibromoethane	ND 1.4	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2-Dichlorobenzene	ND 0.78	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2-Dichloroethane	ND 1.1	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,2-Dichloropropane	ND 1.5	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,3,5-Trimethylbenzene	ND 0.94	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,3-Dichlorobenzene	ND 0.94	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,3-Dichloropropane	ND 0.98	4.7	µg/Kg 1 4/27/2009 05:37 PM
1,4-Dichlorobenzene	ND 1.1	4.7	µg/Kg 1 4/27/2009 05:37 PM
2,2-Dichloropropane	ND 0.81	4.7	µg/Kg 1 4/27/2009 05:37 PM
2-Chlorotoluene	ND 0.62	4.7	µg/Kg 1 4/27/2009 05:37 PM
4-Chlorotoluene	ND 0.63	4.7	µg/Kg 1 4/27/2009 05:37 PM
4-Isopropyltoluene	ND 0.53	4.7	µg/Kg 1 4/27/2009 05:37 PM
Benzene	ND 0.77	4.7	µg/Kg 1 4/27/2009 05:37 PM
Bromobenzene	ND 1.5	4.7	µg/Kg 1 4/27/2009 05:37 PM
Bromodichloromethane	ND 0.80	4.7	µg/Kg 1 4/27/2009 05:37 PM
Bromoform	ND 1.1	4.7	µg/Kg 1 4/27/2009 05:37 PM
Bromomethane	ND 0.82	4.7	µg/Kg 1 4/27/2009 05:37 PM
Carbon tetrachloride	ND 1.2	4.7	µg/Kg 1 4/27/2009 05:37 PM
Chlorobenzene	ND 0.84	4.7	µg/Kg 1 4/27/2009 05:37 PM
Chloroethane	ND 1.2	4.7	µg/Kg 1 4/27/2009 05:37 PM
Chloroform	ND 0.58	4.7	µg/Kg 1 4/27/2009 05:37 PM
Chloromethane	ND 0.76	4.7	µg/Kg 1 4/27/2009 05:37 PM
cis-1,2-Dichloroethene	ND 1.1	4.7	µg/Kg 1 4/27/2009 05:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-042A

Client Sample ID: 1001-120-25-S
Collection Date: 4/23/2009 4:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.7	µg/Kg	1	4/27/2009 05:37 PM
Dibromochloromethane	ND	0.64	4.7	µg/Kg	1	4/27/2009 05:37 PM
Dibromomethane	ND	1.6	4.7	µg/Kg	1	4/27/2009 05:37 PM
Dichlorodifluoromethane	ND	0.56	4.7	µg/Kg	1	4/27/2009 05:37 PM
Ethylbenzene	ND	0.85	4.7	µg/Kg	1	4/27/2009 05:37 PM
Hexachlorobutadiene	ND	3.2	4.7	µg/Kg	1	4/27/2009 05:37 PM
Isopropylbenzene	ND	1.1	4.7	µg/Kg	1	4/27/2009 05:37 PM
m,p-Xylene	ND	1.6	9.3	µg/Kg	1	4/27/2009 05:37 PM
Methylene chloride	ND	4.7	4.7	µg/Kg	1	4/27/2009 05:37 PM
n-Butylbenzene	ND	0.97	4.7	µg/Kg	1	4/27/2009 05:37 PM
n-Propylbenzene	ND	0.84	4.7	µg/Kg	1	4/27/2009 05:37 PM
Naphthalene	ND	1.6	4.7	µg/Kg	1	4/27/2009 05:37 PM
o-Xylene	ND	0.96	4.7	µg/Kg	1	4/27/2009 05:37 PM
sec-Butylbenzene	ND	0.80	4.7	µg/Kg	1	4/27/2009 05:37 PM
Styrene	ND	0.84	4.7	µg/Kg	1	4/27/2009 05:37 PM
tert-Butylbenzene	ND	0.57	4.7	µg/Kg	1	4/27/2009 05:37 PM
Tetrachloroethene	ND	0.99	4.7	µg/Kg	1	4/27/2009 05:37 PM
Toluene	ND	0.78	4.7	µg/Kg	1	4/27/2009 05:37 PM
trans-1,2-Dichloroethene	ND	0.93	4.7	µg/Kg	1	4/27/2009 05:37 PM
Trichloroethene	ND	1.8	4.7	µg/Kg	1	4/27/2009 05:37 PM
Trichlorofluoromethane	ND	1.1	4.7	µg/Kg	1	4/27/2009 05:37 PM
Vinyl chloride	ND	0.55	4.7	µg/Kg	1	4/27/2009 05:37 PM
Surr: 1,2-Dichloroethane-d4	114	0	68-147	%REC	1	4/27/2009 05:37 PM
Surr: 4-Bromofluorobenzene	101	0	67-127	%REC	1	4/27/2009 05:37 PM
Surr: Dibromofluoromethane	115	0	72-141	%REC	1	4/27/2009 05:37 PM
Surr: Toluene-d8	113	0	75-120	%REC	1	4/27/2009 05:37 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-043A

Client Sample ID: 1001-120-25D-S
Collection Date: 4/23/2009 4:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 2.2	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1,1-Trichloroethane	ND 0.81	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1,2,2-Tetrachloroethane	ND 2.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1,2-Trichloroethane	ND 2.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1-Dichloroethane	ND 0.63	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1-Dichloroethene	ND 1.6	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,1-Dichloropropene	ND 1.9	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2,3-Trichlorobenzene	ND 1.3	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2,3-Trichloropropane	ND 0.94	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2,4-Trichlorobenzene	ND 1.7	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2,4-Trimethylbenzene	ND 1.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2-Dibromo-3-chloropropane	ND 2.4	13	µg/Kg 1 4/27/2009 07:53 PM
1,2-Dibromoethane	ND 1.8	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2-Dichlorobenzene	ND 1.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2-Dichloroethane	ND 1.5	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,2-Dichloropropane	ND 2.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,3,5-Trimethylbenzene	ND 1.3	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,3-Dichlorobenzene	ND 1.3	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,3-Dichloropropane	ND 1.3	6.3	µg/Kg 1 4/27/2009 07:53 PM
1,4-Dichlorobenzene	ND 1.5	6.3	µg/Kg 1 4/27/2009 07:53 PM
2,2-Dichloropropane	ND 1.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
2-Chlorotoluene	ND 0.83	6.3	µg/Kg 1 4/27/2009 07:53 PM
4-Chlorotoluene	ND 0.85	6.3	µg/Kg 1 4/27/2009 07:53 PM
4-Isopropyltoluene	ND 0.72	6.3	µg/Kg 1 4/27/2009 07:53 PM
Benzene	ND 1.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
Bromobenzene	ND 2.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
Bromodichloromethane	ND 1.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
Bromoform	ND 1.5	6.3	µg/Kg 1 4/27/2009 07:53 PM
Bromomethane	ND 1.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
Carbon tetrachloride	ND 1.7	6.3	µg/Kg 1 4/27/2009 07:53 PM
Chlorobenzene	ND 1.1	6.3	µg/Kg 1 4/27/2009 07:53 PM
Chloroethane	ND 1.7	6.3	µg/Kg 1 4/27/2009 07:53 PM
Chloroform	ND 0.78	6.3	µg/Kg 1 4/27/2009 07:53 PM
Chloromethane	ND 1.0	6.3	µg/Kg 1 4/27/2009 07:53 PM
cis-1,2-Dichloroethene	ND 1.5	6.3	µg/Kg 1 4/27/2009 07:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-043A

Client Sample ID: 1001-120-25D-S
Collection Date: 4/23/2009 4:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.6	6.3	µg/Kg	1	4/27/2009 07:53 PM
Dibromochloromethane	ND	0.86	6.3	µg/Kg	1	4/27/2009 07:53 PM
Dibromomethane	ND	2.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
Dichlorodifluoromethane	ND	0.76	6.3	µg/Kg	1	4/27/2009 07:53 PM
Ethylbenzene	ND	1.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
Hexachlorobutadiene	ND	4.3	6.3	µg/Kg	1	4/27/2009 07:53 PM
Isopropylbenzene	ND	1.5	6.3	µg/Kg	1	4/27/2009 07:53 PM
m,p-Xylene	ND	2.1	13	µg/Kg	1	4/27/2009 07:53 PM
Methylene chloride	ND	6.3	6.3	µg/Kg	1	4/27/2009 07:53 PM
n-Butylbenzene	ND	1.3	6.3	µg/Kg	1	4/27/2009 07:53 PM
n-Propylbenzene	ND	1.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
Naphthalene	ND	2.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
o-Xylene	ND	1.3	6.3	µg/Kg	1	4/27/2009 07:53 PM
sec-Butylbenzene	ND	1.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
Styrene	ND	1.1	6.3	µg/Kg	1	4/27/2009 07:53 PM
tert-Butylbenzene	ND	0.77	6.3	µg/Kg	1	4/27/2009 07:53 PM
Tetrachloroethene	ND	1.3	6.3	µg/Kg	1	4/27/2009 07:53 PM
Toluene	ND	1.0	6.3	µg/Kg	1	4/27/2009 07:53 PM
trans-1,2-Dichloroethene	ND	1.2	6.3	µg/Kg	1	4/27/2009 07:53 PM
Trichloroethene	ND	2.5	6.3	µg/Kg	1	4/27/2009 07:53 PM
Trichlorofluoromethane	ND	1.5	6.3	µg/Kg	1	4/27/2009 07:53 PM
Vinyl chloride	ND	0.74	6.3	µg/Kg	1	4/27/2009 07:53 PM
Surr: 1,2-Dichloroethane-d4	115	0	68-147	%REC	1	4/27/2009 07:53 PM
Surr: 4-Bromofluorobenzene	94.8	0	67-127	%REC	1	4/27/2009 07:53 PM
Surr: Dibromofluoromethane	115	0	72-141	%REC	1	4/27/2009 07:53 PM
Surr: Toluene-d8	100	0	75-120	%REC	1	4/27/2009 07:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-044A

Client Sample ID: 1001-120-30-S
Collection Date: 4/23/2009 4:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.4	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1,1-Trichloroethane	ND 0.52	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1,2,2-Tetrachloroethane	ND 1.3	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1,2-Trichloroethane	ND 1.3	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1-Dichloroethane	ND 0.40	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1-Dichloroethene	ND 1.0	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,1-Dichloropropene	ND 1.2	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2,3-Trichlorobenzene	ND 0.83	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2,3-Trichloropropane	ND 0.60	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2,4-Trichlorobenzene	ND 1.1	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2,4-Trimethylbenzene	ND 0.69	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2-Dibromo-3-chloropropane	ND 1.5	8.0	µg/Kg 1 4/27/2009 08:13 PM
1,2-Dibromoethane	ND 1.2	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2-Dichlorobenzene	ND 0.67	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2-Dichloroethane	ND 0.94	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,2-Dichloropropane	ND 1.3	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,3,5-Trimethylbenzene	ND 0.80	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,3-Dichlorobenzene	ND 0.81	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,3-Dichloropropane	ND 0.84	4.0	µg/Kg 1 4/27/2009 08:13 PM
1,4-Dichlorobenzene	ND 0.96	4.0	µg/Kg 1 4/27/2009 08:13 PM
2,2-Dichloropropane	ND 0.70	4.0	µg/Kg 1 4/27/2009 08:13 PM
2-Chlorotoluene	ND 0.53	4.0	µg/Kg 1 4/27/2009 08:13 PM
4-Chlorotoluene	ND 0.54	4.0	µg/Kg 1 4/27/2009 08:13 PM
4-Isopropyltoluene	ND 0.46	4.0	µg/Kg 1 4/27/2009 08:13 PM
Benzene	ND 0.66	4.0	µg/Kg 1 4/27/2009 08:13 PM
Bromobenzene	ND 1.3	4.0	µg/Kg 1 4/27/2009 08:13 PM
Bromodichloromethane	ND 0.68	4.0	µg/Kg 1 4/27/2009 08:13 PM
Bromoform	ND 0.97	4.0	µg/Kg 1 4/27/2009 08:13 PM
Bromomethane	ND 0.70	4.0	µg/Kg 1 4/27/2009 08:13 PM
Carbon tetrachloride	ND 1.1	4.0	µg/Kg 1 4/27/2009 08:13 PM
Chlorobenzene	ND 0.72	4.0	µg/Kg 1 4/27/2009 08:13 PM
Chloroethane	ND 1.1	4.0	µg/Kg 1 4/27/2009 08:13 PM
Chloroform	ND 0.50	4.0	µg/Kg 1 4/27/2009 08:13 PM
Chloromethane	ND 0.65	4.0	µg/Kg 1 4/27/2009 08:13 PM
cis-1,2-Dichloroethene	ND 0.96	4.0	µg/Kg 1 4/27/2009 08:13 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-044A

Client Sample ID: 1001-120-30-S
Collection Date: 4/23/2009 4:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.0	4.0	µg/Kg	1	4/27/2009 08:13 PM
Dibromochloromethane	ND	0.55	4.0	µg/Kg	1	4/27/2009 08:13 PM
Dibromomethane	ND	1.4	4.0	µg/Kg	1	4/27/2009 08:13 PM
Dichlorodifluoromethane	ND	0.48	4.0	µg/Kg	1	4/27/2009 08:13 PM
Ethylbenzene	ND	0.73	4.0	µg/Kg	1	4/27/2009 08:13 PM
Hexachlorobutadiene	ND	2.7	4.0	µg/Kg	1	4/27/2009 08:13 PM
Isopropylbenzene	ND	0.98	4.0	µg/Kg	1	4/27/2009 08:13 PM
m,p-Xylene	ND	1.4	8.0	µg/Kg	1	4/27/2009 08:13 PM
Methylene chloride	ND	4.0	4.0	µg/Kg	1	4/27/2009 08:13 PM
n-Butylbenzene	ND	0.83	4.0	µg/Kg	1	4/27/2009 08:13 PM
n-Propylbenzene	ND	0.72	4.0	µg/Kg	1	4/27/2009 08:13 PM
Naphthalene	ND	1.3	4.0	µg/Kg	1	4/27/2009 08:13 PM
o-Xylene	ND	0.82	4.0	µg/Kg	1	4/27/2009 08:13 PM
sec-Butylbenzene	ND	0.68	4.0	µg/Kg	1	4/27/2009 08:13 PM
Styrene	ND	0.72	4.0	µg/Kg	1	4/27/2009 08:13 PM
tert-Butylbenzene	ND	0.49	4.0	µg/Kg	1	4/27/2009 08:13 PM
Tetrachloroethene	ND	0.85	4.0	µg/Kg	1	4/27/2009 08:13 PM
Toluene	ND	0.67	4.0	µg/Kg	1	4/27/2009 08:13 PM
trans-1,2-Dichloroethene	ND	0.79	4.0	µg/Kg	1	4/27/2009 08:13 PM
Trichloroethene	ND	1.6	4.0	µg/Kg	1	4/27/2009 08:13 PM
Trichlorofluoromethane	ND	0.93	4.0	µg/Kg	1	4/27/2009 08:13 PM
Vinyl chloride	ND	0.47	4.0	µg/Kg	1	4/27/2009 08:13 PM
Surr: 1,2-Dichloroethane-d4	116	0	68-147	%REC	1	4/27/2009 08:13 PM
Surr: 4-Bromofluorobenzene	95.8	0	67-127	%REC	1	4/27/2009 08:13 PM
Surr: Dibromofluoromethane	115	0	72-141	%REC	1	4/27/2009 08:13 PM
Surr: Toluene-d8	104	0	75-120	%REC	1	4/27/2009 08:13 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-045A

Client Sample ID: 1001-120-35-S
Collection Date: 4/23/2009 4:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS5_090427B	QC Batch:	T09VS111	PrepDate:	4/27/2009	Analyst:	HH
1,1,1,2-Tetrachloroethane	ND	1.4	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1,1-Trichloroethane	ND	0.51	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1,2,2-Tetrachloroethane	ND	1.2	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1,2-Trichloroethane	ND	1.3	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1-Dichloroethane	ND	0.40	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1-Dichloroethene	ND	1.0	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,1-Dichloropropene	ND	1.2	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2,3-Trichlorobenzene	ND	0.81	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2,3-Trichloropropane	ND	0.59	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2,4-Trichlorobenzene	ND	1.1	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2,4-Trimethylbenzene	ND	0.67	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2-Dibromo-3-chloropropane	ND	1.5	7.8	µg/Kg	1	4/27/2009 08:33 PM	
1,2-Dibromoethane	ND	1.1	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2-Dichlorobenzene	ND	0.65	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2-Dichloroethane	ND	0.92	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,2-Dichloropropane	ND	1.2	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,3,5-Trimethylbenzene	ND	0.79	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,3-Dichlorobenzene	ND	0.79	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,3-Dichloropropane	ND	0.83	3.9	µg/Kg	1	4/27/2009 08:33 PM	
1,4-Dichlorobenzene	ND	0.94	3.9	µg/Kg	1	4/27/2009 08:33 PM	
2,2-Dichloropropane	ND	0.68	3.9	µg/Kg	1	4/27/2009 08:33 PM	
2-Chlorotoluene	ND	0.52	3.9	µg/Kg	1	4/27/2009 08:33 PM	
4-Chlorotoluene	ND	0.53	3.9	µg/Kg	1	4/27/2009 08:33 PM	
4-Isopropyltoluene	ND	0.45	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Benzene	ND	0.65	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Bromobenzene	ND	1.2	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Bromodichloromethane	ND	0.67	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Bromoform	ND	0.95	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Bromomethane	ND	0.69	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Carbon tetrachloride	ND	1.0	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Chlorobenzene	ND	0.70	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Chloroethane	ND	1.0	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Chloroform	ND	0.49	3.9	µg/Kg	1	4/27/2009 08:33 PM	
Chloromethane	ND	0.64	3.9	µg/Kg	1	4/27/2009 08:33 PM	
cis-1,2-Dichloroethene	ND	0.95	3.9	µg/Kg	1	4/27/2009 08:33 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-045A

Client Sample ID: 1001-120-35-S
Collection Date: 4/23/2009 4:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090427B	QC Batch: T09VS111	PrepDate: 4/27/2009	Analyst: HH
cis-1,3-Dichloropropene	ND 1.0	3.9	µg/Kg 1 4/27/2009 08:33 PM
Dibromochloromethane	ND 0.53	3.9	µg/Kg 1 4/27/2009 08:33 PM
Dibromomethane	ND 1.3	3.9	µg/Kg 1 4/27/2009 08:33 PM
Dichlorodifluoromethane	ND 0.47	3.9	µg/Kg 1 4/27/2009 08:33 PM
Ethylbenzene	ND 0.71	3.9	µg/Kg 1 4/27/2009 08:33 PM
Hexachlorobutadiene	ND 2.7	3.9	µg/Kg 1 4/27/2009 08:33 PM
Isopropylbenzene	ND 0.96	3.9	µg/Kg 1 4/27/2009 08:33 PM
m,p-Xylene	ND 1.3	7.8	µg/Kg 1 4/27/2009 08:33 PM
Methylene chloride	ND 3.9	3.9	µg/Kg 1 4/27/2009 08:33 PM
n-Butylbenzene	ND 0.82	3.9	µg/Kg 1 4/27/2009 08:33 PM
n-Propylbenzene	ND 0.71	3.9	µg/Kg 1 4/27/2009 08:33 PM
Naphthalene	ND 1.3	3.9	µg/Kg 1 4/27/2009 08:33 PM
o-Xylene	ND 0.81	3.9	µg/Kg 1 4/27/2009 08:33 PM
sec-Butylbenzene	ND 0.67	3.9	µg/Kg 1 4/27/2009 08:33 PM
Styrene	ND 0.70	3.9	µg/Kg 1 4/27/2009 08:33 PM
tert-Butylbenzene	ND 0.48	3.9	µg/Kg 1 4/27/2009 08:33 PM
Tetrachloroethene	ND 0.83	3.9	µg/Kg 1 4/27/2009 08:33 PM
Toluene	ND 0.65	3.9	µg/Kg 1 4/27/2009 08:33 PM
trans-1,2-Dichloroethene	ND 0.78	3.9	µg/Kg 1 4/27/2009 08:33 PM
Trichloroethene	ND 1.5	3.9	µg/Kg 1 4/27/2009 08:33 PM
Trichlorofluoromethane	ND 0.91	3.9	µg/Kg 1 4/27/2009 08:33 PM
Vinyl chloride	ND 0.46	3.9	µg/Kg 1 4/27/2009 08:33 PM
Surr: 1,2-Dichloroethane-d4	121 0	68-147	%REC 1 4/27/2009 08:33 PM
Surr: 4-Bromofluorobenzene	94.7 0	67-127	%REC 1 4/27/2009 08:33 PM
Surr: Dibromofluoromethane	116 0	72-141	%REC 1 4/27/2009 08:33 PM
Surr: Toluene-d8	110 0	75-120	%REC 1 4/27/2009 08:33 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-046A

Client Sample ID: 1001-120-40-S
Collection Date: 4/23/2009 4:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090428A	QC Batch: T09VS112	PrepDate: 4/27/2009	Analyst: HH
1,1,1,2-Tetrachloroethane	ND 1.6	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1,1-Trichloroethane	ND 0.58	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1,2,2-Tetrachloroethane	ND 1.4	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1,2-Trichloroethane	ND 1.5	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1-Dichloroethane	ND 0.46	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,1-Dichloropropene	ND 1.4	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2,3-Trichlorobenzene	ND 0.94	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2,3-Trichloropropane	ND 0.68	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2,4-Trichlorobenzene	ND 1.2	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2,4-Trimethylbenzene	ND 0.78	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2-Dibromo-3-chloropropane	ND 1.7	9.1	µg/Kg 1 4/28/2009 11:45 AM
1,2-Dibromoethane	ND 1.3	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2-Dichlorobenzene	ND 0.75	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2-Dichloroethane	ND 1.1	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,2-Dichloropropane	ND 1.4	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,3,5-Trimethylbenzene	ND 0.91	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,3-Dichlorobenzene	ND 0.91	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,3-Dichloropropane	ND 0.95	4.5	µg/Kg 1 4/28/2009 11:45 AM
1,4-Dichlorobenzene	ND 1.1	4.5	µg/Kg 1 4/28/2009 11:45 AM
2,2-Dichloropropane	ND 0.79	4.5	µg/Kg 1 4/28/2009 11:45 AM
2-Chlorotoluene	ND 0.60	4.5	µg/Kg 1 4/28/2009 11:45 AM
4-Chlorotoluene	ND 0.61	4.5	µg/Kg 1 4/28/2009 11:45 AM
4-Isopropyltoluene	ND 0.52	4.5	µg/Kg 1 4/28/2009 11:45 AM
Benzene	ND 0.74	4.5	µg/Kg 1 4/28/2009 11:45 AM
Bromobenzene	ND 1.4	4.5	µg/Kg 1 4/28/2009 11:45 AM
Bromodichloromethane	ND 0.77	4.5	µg/Kg 1 4/28/2009 11:45 AM
Bromoform	ND 1.1	4.5	µg/Kg 1 4/28/2009 11:45 AM
Bromomethane	ND 0.79	4.5	µg/Kg 1 4/28/2009 11:45 AM
Carbon tetrachloride	ND 1.2	4.5	µg/Kg 1 4/28/2009 11:45 AM
Chlorobenzene	ND 0.81	4.5	µg/Kg 1 4/28/2009 11:45 AM
Chloroethane	ND 1.2	4.5	µg/Kg 1 4/28/2009 11:45 AM
Chloroform	ND 0.56	4.5	µg/Kg 1 4/28/2009 11:45 AM
Chloromethane	ND 0.74	4.5	µg/Kg 1 4/28/2009 11:45 AM
cis-1,2-Dichloroethene	ND 1.1	4.5	µg/Kg 1 4/28/2009 11:45 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-046A

Client Sample ID: 1001-120-40-S
Collection Date: 4/23/2009 4:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS5_090428A	QC Batch: T09VS112	PrepDate: 4/27/2009	Analyst: HH			
cis-1,3-Dichloropropene	ND	1.2	4.5	µg/Kg	1	4/28/2009 11:45 AM
Dibromochloromethane	ND	0.62	4.5	µg/Kg	1	4/28/2009 11:45 AM
Dibromomethane	ND	1.5	4.5	µg/Kg	1	4/28/2009 11:45 AM
Dichlorodifluoromethane	ND	0.54	4.5	µg/Kg	1	4/28/2009 11:45 AM
Ethylbenzene	ND	0.82	4.5	µg/Kg	1	4/28/2009 11:45 AM
Hexachlorobutadiene	ND	3.1	4.5	µg/Kg	1	4/28/2009 11:45 AM
Isopropylbenzene	ND	1.1	4.5	µg/Kg	1	4/28/2009 11:45 AM
m,p-Xylene	ND	1.5	9.1	µg/Kg	1	4/28/2009 11:45 AM
Methylene chloride	ND	4.5	4.5	µg/Kg	1	4/28/2009 11:45 AM
n-Butylbenzene	ND	0.94	4.5	µg/Kg	1	4/28/2009 11:45 AM
n-Propylbenzene	ND	0.82	4.5	µg/Kg	1	4/28/2009 11:45 AM
Naphthalene	ND	1.5	4.5	µg/Kg	1	4/28/2009 11:45 AM
o-Xylene	ND	0.93	4.5	µg/Kg	1	4/28/2009 11:45 AM
sec-Butylbenzene	ND	0.77	4.5	µg/Kg	1	4/28/2009 11:45 AM
Styrene	ND	0.81	4.5	µg/Kg	1	4/28/2009 11:45 AM
tert-Butylbenzene	ND	0.55	4.5	µg/Kg	1	4/28/2009 11:45 AM
Tetrachloroethene	ND	0.96	4.5	µg/Kg	1	4/28/2009 11:45 AM
Toluene	ND	0.75	4.5	µg/Kg	1	4/28/2009 11:45 AM
trans-1,2-Dichloroethene	ND	0.90	4.5	µg/Kg	1	4/28/2009 11:45 AM
Trichloroethene	ND	1.8	4.5	µg/Kg	1	4/28/2009 11:45 AM
Trichlorofluoromethane	ND	1.1	4.5	µg/Kg	1	4/28/2009 11:45 AM
Vinyl chloride	ND	0.53	4.5	µg/Kg	1	4/28/2009 11:45 AM
Surr: 1,2-Dichloroethane-d4	98.5	0	68-147	%REC	1	4/28/2009 11:45 AM
Surr: 4-Bromofluorobenzene	91.1	0	67-127	%REC	1	4/28/2009 11:45 AM
Surr: Dibromofluoromethane	96.6	0	72-141	%REC	1	4/28/2009 11:45 AM
Surr: Toluene-d8	101	0	75-120	%REC	1	4/28/2009 11:45 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-047A

Client Sample ID: QCEB-3
Collection Date: 4/23/2009 4:15:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_090430A	QC Batch: A09VW077	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/29/2009 10:40 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/29/2009 10:40 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/29/2009 10:40 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/29/2009 10:40 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 10:40 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/29/2009 10:40 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 10:40 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/29/2009 10:40 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 10:40 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/29/2009 10:40 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/29/2009 10:40 AM
Benzene	ND 2.6	5.0	µg/L 1 4/29/2009 10:40 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/29/2009 10:40 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/29/2009 10:40 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/29/2009 10:40 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/29/2009 10:40 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/29/2009 10:40 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/29/2009 10:40 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/29/2009 10:40 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-047A

Client Sample ID: QCEB-3
Collection Date: 4/23/2009 4:15:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_090430A	QC Batch: A09VW077				PrepDate:	Analyst: SLL
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/29/2009 10:40 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/29/2009 10:40 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/29/2009 10:40 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/29/2009 10:40 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/29/2009 10:40 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/29/2009 10:40 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/29/2009 10:40 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/29/2009 10:40 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/29/2009 10:40 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/29/2009 10:40 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/29/2009 10:40 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/29/2009 10:40 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/29/2009 10:40 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/29/2009 10:40 AM
Styrene	ND	2.5	5.0	µg/L	1	4/29/2009 10:40 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/29/2009 10:40 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/29/2009 10:40 AM
Toluene	ND	2.6	5.0	µg/L	1	4/29/2009 10:40 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/29/2009 10:40 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/29/2009 10:40 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/29/2009 10:40 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/29/2009 10:40 AM
Surr: 1,2-Dichloroethane-d4	92.7	0	70-130	%REC	1	4/29/2009 10:40 AM
Surr: 4-Bromofluorobenzene	96.8	0	70-130	%REC	1	4/29/2009 10:40 AM
Surr: Dibromofluoromethane	97.4	0	70-130	%REC	1	4/29/2009 10:40 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-048A

Client Sample ID: Trip Blank
Collection Date: 4/23/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_090430A	QC Batch: A09VW077	PrepDate:	Analyst: SLL
1,1,1,2-Tetrachloroethane	ND 2.5	5.0	µg/L 1 4/29/2009 09:43 AM
1,1,1-Trichloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
1,1,2,2-Tetrachloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
1,1,2-Trichloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
1,1-Dichloroethane	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
1,1-Dichloroethene	ND 2.4	5.0	µg/L 1 4/29/2009 09:43 AM
1,1-Dichloropropene	ND 2.9	5.0	µg/L 1 4/29/2009 09:43 AM
1,2,3-Trichlorobenzene	ND 2.5	5.0	µg/L 1 4/29/2009 09:43 AM
1,2,3-Trichloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 09:43 AM
1,2,4-Trichlorobenzene	ND 2.4	5.0	µg/L 1 4/29/2009 09:43 AM
1,2,4-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
1,2-Dibromo-3-chloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 09:43 AM
1,2-Dibromoethane	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
1,2-Dichlorobenzene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
1,2-Dichloroethane	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
1,2-Dichloropropane	ND 2.4	5.0	µg/L 1 4/29/2009 09:43 AM
1,3,5-Trimethylbenzene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
1,3-Dichlorobenzene	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
1,3-Dichloropropane	ND 3.1	5.0	µg/L 1 4/29/2009 09:43 AM
1,4-Dichlorobenzene	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
2,2-Dichloropropane	ND 4.9	5.0	µg/L 1 4/29/2009 09:43 AM
2-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
4-Chlorotoluene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
4-Isopropyltoluene	ND 2.9	5.0	µg/L 1 4/29/2009 09:43 AM
Benzene	ND 2.6	5.0	µg/L 1 4/29/2009 09:43 AM
Bromobenzene	ND 2.4	5.0	µg/L 1 4/29/2009 09:43 AM
Bromodichloromethane	ND 2.5	5.0	µg/L 1 4/29/2009 09:43 AM
Bromoform	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
Bromomethane	ND 4.9	5.0	µg/L 1 4/29/2009 09:43 AM
Carbon tetrachloride	ND 2.9	5.0	µg/L 1 4/29/2009 09:43 AM
Chlorobenzene	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM
Chloroethane	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
Chloroform	ND 2.8	5.0	µg/L 1 4/29/2009 09:43 AM
Chloromethane	ND 2.9	5.0	µg/L 1 4/29/2009 09:43 AM
cis-1,2-Dichloroethene	ND 2.7	5.0	µg/L 1 4/29/2009 09:43 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-048A

Client Sample ID: Trip Blank
Collection Date: 4/23/2009
Matrix: WATER

Analyses	Result	MDL	PQL	Qual Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_090430A	QC Batch: A09VW077	PrepDate:	Analyst: SLL			
cis-1,3-Dichloropropene	ND	2.6	5.0	µg/L	1	4/29/2009 09:43 AM
Dibromochloromethane	ND	2.7	5.0	µg/L	1	4/29/2009 09:43 AM
Dibromomethane	ND	3.3	5.0	µg/L	1	4/29/2009 09:43 AM
Dichlorodifluoromethane	ND	2.8	5.0	µg/L	1	4/29/2009 09:43 AM
Ethylbenzene	ND	2.6	5.0	µg/L	1	4/29/2009 09:43 AM
Hexachlorobutadiene	ND	2.6	5.0	µg/L	1	4/29/2009 09:43 AM
Isopropylbenzene	ND	2.5	5.0	µg/L	1	4/29/2009 09:43 AM
m,p-Xylene	ND	5.4	10	µg/L	1	4/29/2009 09:43 AM
Methylene chloride	ND	5.0	5.0	µg/L	1	4/29/2009 09:43 AM
n-Butylbenzene	ND	2.8	5.0	µg/L	1	4/29/2009 09:43 AM
n-Propylbenzene	ND	2.7	5.0	µg/L	1	4/29/2009 09:43 AM
Naphthalene	ND	2.4	5.0	µg/L	1	4/29/2009 09:43 AM
o-Xylene	ND	2.7	5.0	µg/L	1	4/29/2009 09:43 AM
sec-Butylbenzene	ND	2.8	5.0	µg/L	1	4/29/2009 09:43 AM
Styrene	ND	2.5	5.0	µg/L	1	4/29/2009 09:43 AM
tert-Butylbenzene	ND	2.7	5.0	µg/L	1	4/29/2009 09:43 AM
Tetrachloroethene	ND	3.0	5.0	µg/L	1	4/29/2009 09:43 AM
Toluene	ND	2.6	5.0	µg/L	1	4/29/2009 09:43 AM
trans-1,2-Dichloroethene	ND	2.2	5.0	µg/L	1	4/29/2009 09:43 AM
Trichloroethene	ND	2.6	5.0	µg/L	1	4/29/2009 09:43 AM
Trichlorofluoromethane	ND	2.8	5.0	µg/L	1	4/29/2009 09:43 AM
Vinyl chloride	ND	3.1	5.0	µg/L	1	4/29/2009 09:43 AM
Surr: 1,2-Dichloroethane-d4	90.5	0	70-130	%REC	1	4/29/2009 09:43 AM
Surr: 4-Bromofluorobenzene	94.1	0	70-130	%REC	1	4/29/2009 09:43 AM
Surr: Dibromofluoromethane	96.0	0	70-130	%REC	1	4/29/2009 09:43 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: K090427LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108542						
Client ID: LCSS	Batch ID: K09VS064	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703497						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

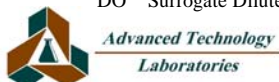
1,1-Dichloroethene	46.090	5.0	50.00	0	92.2	70	130				
Benzene	103.120	5.0	100.0	0	103	70	130				
Chlorobenzene	51.190	5.0	50.00	0	102	70	130				
MTBE	49.460	5.0	50.00	0	98.9	70	130				
Toluene	104.760	5.0	100.0	0	105	70	130				
Trichloroethene	53.610	5.0	50.00	0	107	70	130				
Surr: 1,2-Dichloroethane-d4	47.400		50.00		94.8	68	147				
Surr: 4-Bromofluorobenzene	53.040		50.00		106	67	127				
Surr: Dibromofluoromethane	52.430		50.00		105	72	141				
Surr: Toluene-d8	56.110		50.00		112	75	120				

Sample ID: K090427MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108542						
Client ID: PBS	Batch ID: K09VS064	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

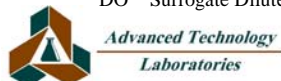
TestCode: 8260_S_5035

Sample ID: K090427MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108542
Client ID: PBS	Batch ID: K09VS064	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703499

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

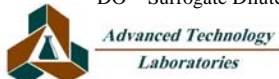
TestCode: 8260_S_5035

Sample ID: K090427MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108542		
Client ID: PBS		Batch ID: K09VS064		TestNo: EPA 8260B		Analysis Date: 4/27/2009				SeqNo: 1703499		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Methylene chloride	ND	5.0										
n-Butylbenzene	ND	5.0										
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	47.230		50.00		94.5	68	147					
Surr: 4-Bromofluorobenzene	51.000		50.00		102	67	127					
Surr: Dibromofluoromethane	52.360		50.00		105	72	141					
Surr: Toluene-d8	54.820		50.00		110	75	120					

Sample ID: 105210-032B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/28/2009		RunNo: 108542		
Client ID: 1001-119-5-S		Batch ID: K09VS064		TestNo: EPA 8260B		Analysis Date: 4/27/2009				SeqNo: 1703510		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	4.4						0	0	20		
1,1,1-Trichloroethane	ND	4.4						0	0	20		
1,1,2,2-Tetrachloroethane	ND	4.4						0	0	20		
1,1,2-Trichloroethane	ND	4.4						0	0	20		
1,1-Dichloroethane	ND	4.4						0	0	20		
1,1-Dichloroethene	ND	4.4						0	0	20		
1,1-Dichloropropene	ND	4.4						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
 Work Order: 105210
 Project: 207126015

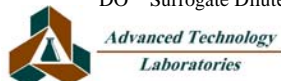
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-032B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/28/2009	RunNo: 108542						
Client ID: 1001-119-5-S	Batch ID: K09VS064	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	4.4						0	0	20	
1,2,3-Trichloropropane	ND	4.4						0	0	20	
1,2,4-Trichlorobenzene	ND	4.4						0	0	20	
1,2,4-Trimethylbenzene	ND	4.4						0	0	20	
1,2-Dibromo-3-chloropropane	ND	8.7						0	0	20	
1,2-Dibromoethane	ND	4.4						0	0	20	
1,2-Dichlorobenzene	ND	4.4						0	0	20	
1,2-Dichloroethane	ND	4.4						0	0	20	
1,2-Dichloropropane	ND	4.4						0	0	20	
1,3,5-Trimethylbenzene	ND	4.4						0	0	20	
1,3-Dichlorobenzene	ND	4.4						0	0	20	
1,3-Dichloropropane	ND	4.4						0	0	20	
1,4-Dichlorobenzene	ND	4.4						0	0	20	
2,2-Dichloropropane	ND	4.4						0	0	20	
2-Butanone	ND	44						0	0	20	
2-Chloroethyl vinyl ether	ND	4.4						0	0	20	
2-Chlorotoluene	ND	4.4						0	0	20	
2-Hexanone	ND	44						0	0	20	
4-Chlorotoluene	ND	4.4						0	0	20	
4-Isopropyltoluene	ND	4.4						0	0	20	
4-Methyl-2-pentanone	ND	44						0	0	20	
Acetone	ND	44						0	0	20	
Acrolein	ND	44						0	0	20	
Acrylonitrile	ND	44						0	0	20	
Benzene	ND	4.4						0	0	20	
Bromobenzene	ND	4.4						0	0	20	
Bromochloromethane	ND	4.4						0	0	20	
Bromodichloromethane	ND	4.4						0	0	20	
Bromoform	ND	4.4						0	0	20	
Bromomethane	ND	4.4						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

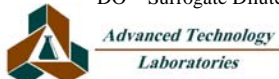
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-032B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/28/2009		RunNo: 108542	
Client ID: 1001-119-5-S		Batch ID: K09VS064		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703510			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	ND	4.4						0	0	20	
Carbon tetrachloride	ND	4.4						0	0	20	
Chlorobenzene	ND	4.4						0	0	20	
Chloroethane	ND	4.4						0	0	20	
Chloroform	ND	4.4						0	0	20	
Chloromethane	ND	4.4						0	0	20	
cis-1,2-Dichloroethene	ND	4.4						0	0	20	
cis-1,3-Dichloropropene	ND	4.4						0	0	20	
Cyclohexanone	ND	44						0	0	20	
Di-isopropyl ether	ND	4.4						0	0	20	
Dibromochloromethane	ND	4.4						0	0	20	
Dibromomethane	ND	4.4						0	0	20	
Dichlorodifluoromethane	ND	4.4						0	0	20	
Ethyl Acetate	ND	44						0	0	20	
Ethyl Ether	ND	44						0	0	20	
Ethyl Tert-butyl ether	ND	4.4						0	0	20	
Ethylbenzene	ND	4.4						0	0	20	
Freon-113	ND	4.4						0	0	20	
Hexachlorobutadiene	ND	4.4						0	0	20	
Iodomethane	ND	4.4						0	0	20	
Isopropylbenzene	ND	4.4						0	0	20	
m,p-Xylene	ND	8.7						0	0	20	
Methylene chloride	ND	4.4						0	0	20	
MTBE	ND	4.4						0	0	20	
n-Butylbenzene	ND	4.4						0	0	20	
n-Propylbenzene	ND	4.4						0	0	20	
Naphthalene	ND	4.4						0	0	20	
o-Xylene	ND	4.4						0	0	20	
sec-Butylbenzene	ND	4.4						0	0	20	
Styrene	ND	4.4						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

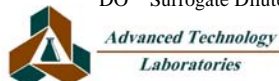
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-032B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/28/2009	RunNo: 108542						
Client ID: 1001-119-5-S	Batch ID: K09VS064	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tert-amyl methyl ether	ND	4.4						0	0	20	
Tert-Butanol	ND	87						0	0	20	
tert-Butylbenzene	ND	4.4						0	0	20	
Tetrachloroethene	1.687	4.4						1.410	0	20	
Toluene	ND	4.4						0	0	20	
trans-1,2-Dichloroethene	ND	4.4						0	0	20	
trans-1,3-Dichloropropene	ND	4.4						0	0	20	
Trichloroethene	ND	4.4						0	0	20	
Trichlorofluoromethane	ND	4.4						0	0	20	
Vinyl acetate	ND	44						0	0	20	
Vinyl chloride	ND	4.4						0	0	20	
Xylenes, Total	ND	13						0	0	20	
Surr: 1,2-Dichloroethane-d4	52.273		43.71		120	68	147		0	20	
Surr: 4-Bromofluorobenzene	44.432		43.71		102	67	127		0	20	
Surr: Dibromofluoromethane	51.495		43.71		118	72	141		0	20	
Surr: Toluene-d8	47.220		43.71		108	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

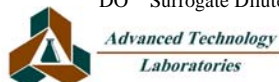
Sample ID: T090424LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: LCSS	Batch ID: T09VS107	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702993						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	50.080	5.0	50.00	0	100	70	130				
Benzene	107.820	5.0	100.0	0	108	70	130				
Chlorobenzene	51.270	5.0	50.00	0	103	70	130				
MTBE	52.440	5.0	50.00	0	105	70	130				
Toluene	111.300	5.0	100.0	0	111	70	130				
Trichloroethene	46.520	5.0	50.00	0	93.0	70	130				
Surr: 1,2-Dichloroethane-d4	47.650		50.00		95.3	68	147				
Surr: 4-Bromofluorobenzene	49.080		50.00		98.2	67	127				
Surr: Dibromofluoromethane	52.480		50.00		105	72	141				
Surr: Toluene-d8	55.670		50.00		111	75	120				

Sample ID: 105188-001AMS	SampType: MS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: ZZZZZ	Batch ID: T09VS107	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702994						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	53.290	5.0	50.00	0	107	70	130				
Benzene	101.070	5.0	100.0	0	101	70	130				
Chlorobenzene	37.960	5.0	50.00	0	75.9	70	130				
Toluene	88.600	5.0	100.0	4.480	84.1	70	130				
Trichloroethene	39.160	5.0	50.00	0	78.3	70	130				
Surr: 1,2-Dichloroethane-d4	48.720		50.00		97.4	68	147				
Surr: 4-Bromofluorobenzene	40.290		50.00		80.6	67	127				
Surr: Dibromofluoromethane	50.450		50.00		101	72	141				
Surr: Toluene-d8	50.500		50.00		101	75	120				

Sample ID: 105188-001AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: ZZZZZ	Batch ID: T09VS107	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.980	5.0	50.00	0	114	70	130	53.29	6.69	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

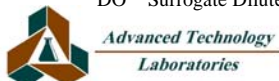
TestCode: 8260_S_5035

Sample ID: 105188-001AMSD		SampType: MSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108514	
Client ID: ZZZZZ		Batch ID: T09VS107		TestNo: EPA 8260B		Analysis Date: 4/24/2009				SeqNo: 1702995	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	109.780	5.0	100.0	0	110	70	130	101.1	8.26	20	
Chlorobenzene	47.270	5.0	50.00	0	94.5	70	130	37.96	21.8	20	R
Toluene	101.880	5.0	100.0	4.480	97.4	70	130	88.60	13.9	20	
Trichloroethene	45.330	5.0	50.00	0	90.7	70	130	39.16	14.6	20	
Surr: 1,2-Dichloroethane-d4	46.630		50.00		93.3	68	147		0	20	
Surr: 4-Bromofluorobenzene	37.930		50.00		75.9	67	127		0	20	
Surr: Dibromofluoromethane	50.640		50.00		101	72	141		0	20	
Surr: Toluene-d8	50.730		50.00		101	75	120		0	20	

Sample ID: T090424MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108514	
Client ID: PBS		Batch ID: T09VS107		TestNo: EPA 8260B		Analysis Date: 4/24/2009				SeqNo: 1702996	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
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ANALYTICAL QC SUMMARY REPORT

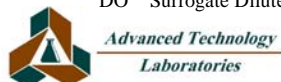
TestCode: 8260_S_5035

Sample ID: T090424MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: PBS	Batch ID: T09VS107	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702996						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
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CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

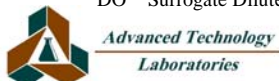
TestCode: 8260_S_5035

Sample ID: T090424MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: PBS	Batch ID: T09VS107	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702996							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	46.470		50.00		92.9	68	147				
Surr: 4-Bromofluorobenzene	46.300		50.00		92.6	67	127				
Surr: Dibromofluoromethane	50.650		50.00		101	72	141				
Surr: Toluene-d8	55.180		50.00		110	75	120				

Sample ID: 105188-001A	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: ZZZZZZ	Batch ID: T09VS107	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702996							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	3.050	5.0						3.640	0	20	

Qualifiers:

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|---|--|--|
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

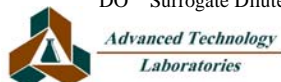
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105188-001A	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108514						
Client ID: ZZZZZ	Batch ID: T09VS107	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702998						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	1.420	5.0						1.460	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	1.250	5.0						1.410	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

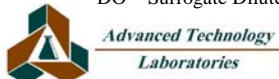
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105188-001A		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108514		
Client ID: ZZZZZZ		Batch ID: T09VS107		TestNo: EPA 8260B		Analysis Date: 4/24/2009				SeqNo: 1702998		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Isopropylbenzene	ND	5.0						0	0	20		
m,p-Xylene	2.610	10						3.130	0	20		
Methylene chloride	ND	5.0						0	0	20		
n-Butylbenzene	ND	5.0						0	0	20		
n-Propylbenzene	ND	5.0						0	0	20		
Naphthalene	ND	5.0						0	0	20		
o-Xylene	1.550	5.0						1.690	0	20		
sec-Butylbenzene	ND	5.0						0	0	20		
Styrene	ND	5.0						0	0	20		
tert-Butylbenzene	ND	5.0						0	0	20		
Tetrachloroethene	4.850	5.0						5.380	0	20		
Toluene	5.440	5.0						4.480	19.4	20		
trans-1,2-Dichloroethene	ND	5.0						0	0	20		
Trichloroethene	ND	5.0						0	0	20		
Trichlorofluoromethane	ND	5.0						0	0	20		
Vinyl chloride	ND	5.0						0	0	20		
Surr: 1,2-Dichloroethane-d4	48.350		50.00		96.7	68	147		0	20		
Surr: 4-Bromofluorobenzene	31.510		50.00		63.0	67	127		0	20	S	
Surr: Dibromofluoromethane	51.530		50.00		103	72	141		0	20		
Surr: Toluene-d8	47.000		50.00		94.0	75	120		0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

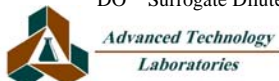
Sample ID: T090424LC2		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108515		
Client ID: LCSS		Batch ID: T09VS108		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1702915		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	49.140	5.0	50.00	0	98.3	70	130					
Benzene	102.220	5.0	100.0	0	102	70	130					
Chlorobenzene	48.770	5.0	50.00	0	97.5	70	130					
MTBE	48.900	5.0	50.00	0	97.8	70	130					
Toluene	104.850	5.0	100.0	0	105	70	130					
Trichloroethene	44.110	5.0	50.00	0	88.2	70	130					
Surr: 1,2-Dichloroethane-d4	46.860		50.00		93.7	68	147					
Surr: 4-Bromofluorobenzene	48.550		50.00		97.1	67	127					
Surr: Dibromofluoromethane	50.410		50.00		101	72	141					
Surr: Toluene-d8	53.170		50.00		106	75	120					

Sample ID: 105070-001AMS		SampType: MS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108515		
Client ID: ZZZZZ		Batch ID: T09VS108		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1702916		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	39.960	5.0	50.00	0	79.9	70	130					
Benzene	78.230	5.0	100.0	0	78.2	70	130					
Chlorobenzene	30.910	5.0	50.00	0	61.8	70	130				S	
Toluene	73.230	5.0	100.0	0	73.2	70	130					
Trichloroethene	33.400	5.0	50.00	0	66.8	70	130				S	
Surr: 1,2-Dichloroethane-d4	48.030		50.00		96.1	68	147					
Surr: 4-Bromofluorobenzene	47.530		50.00		95.1	67	127					
Surr: Dibromofluoromethane	51.800		50.00		104	72	141					
Surr: Toluene-d8	52.770		50.00		106	75	120					

Sample ID: 105070-001AMSD		SampType: MSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108515		
Client ID: ZZZZZ		Batch ID: T09VS108		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1702917		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	41.710	5.0	50.00	0	83.4	70	130	39.96	4.29	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

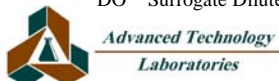
TestCode: 8260_S_5035

Sample ID: 105070-001AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: ZZZZZ	Batch ID: T09VS108	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702917							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	84.250	5.0	100.0	0	84.2	70	130	78.23	7.41	20	
Chlorobenzene	34.000	5.0	50.00	0	68.0	70	130	30.91	9.52	20	S
Toluene	82.150	5.0	100.0	0	82.2	70	130	73.23	11.5	20	
Trichloroethene	39.630	5.0	50.00	0	79.3	70	130	33.40	17.1	20	
Surr: 1,2-Dichloroethane-d4	47.560		50.00		95.1	68	147		0	20	
Surr: 4-Bromofluorobenzene	48.730		50.00		97.5	67	127		0	20	
Surr: Dibromofluoromethane	52.170		50.00		104	72	141		0	20	
Surr: Toluene-d8	56.610		50.00		113	75	120		0	20	

Sample ID: T090424MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: PBS	Batch ID: T09VS108	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702918							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

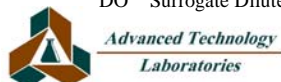
TestCode: 8260_S_5035

Sample ID: T090424MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: PBS	Batch ID: T09VS108	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702918						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
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ANALYTICAL QC SUMMARY REPORT

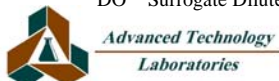
TestCode: 8260_S_5035

Sample ID: T090424MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: PBS	Batch ID: T09VS108	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702918							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	45.370		50.00		90.7	68	147				
Surr: 4-Bromofluorobenzene	46.210		50.00		92.4	67	127				
Surr: Dibromofluoromethane	48.780		50.00		97.6	72	141				
Surr: Toluene-d8	54.380		50.00		109	75	120				

Sample ID: 105070-001ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: ZZZZZ	Batch ID: T09VS108	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1702929							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

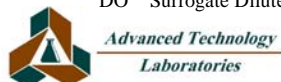
TestCode: 8260_S_5035

Sample ID: 105070-001ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515
Client ID: ZZZZZ	Batch ID: T09VS108	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

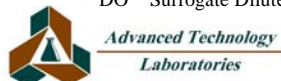
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105070-001ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108515						
Client ID: ZZZZZZ	Batch ID: T09VS108	TestNo: EPA 8260B		Analysis Date: 4/24/2009	SeqNo: 1702929						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	1.330	5.0						2.030	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	47.180		50.00		94.4	68	147		0	20	
Surr: 4-Bromofluorobenzene	46.400		50.00		92.8	67	127		0	20	
Surr: Dibromofluoromethane	50.610		50.00		101	72	141		0	20	
Surr: Toluene-d8	45.020		50.00		90.0	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

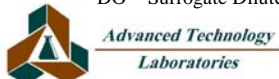
Sample ID: T090424LC4		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108527		
Client ID: LCSS		Batch ID: T09VS109		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1703090		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	45.640	5.0	50.00	0	91.3	70	130					
Benzene	94.060	5.0	100.0	0	94.1	70	130					
Chlorobenzene	49.800	5.0	50.00	0	99.6	70	130					
MTBE	49.670	5.0	50.00	0	99.3	70	130					
Toluene	97.650	5.0	100.0	0	97.6	70	130					
Trichloroethene	47.270	5.0	50.00	0	94.5	70	130					
Surr: 1,2-Dichloroethane-d4	47.320		50.00		94.6	68	147					
Surr: 4-Bromofluorobenzene	48.590		50.00		97.2	67	127					
Surr: Dibromofluoromethane	50.990		50.00		102	72	141					
Surr: Toluene-d8	48.240		50.00		96.5	75	120					

Sample ID: 105070-007AMS		SampType: MS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108527		
Client ID: ZZZZZ		Batch ID: T09VS109		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1703091		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	39.870	5.0	50.00	0	79.7	70	130					
Benzene	73.480	5.0	100.0	0	73.5	70	130					
Chlorobenzene	25.270	5.0	50.00	0	50.5	70	130				S	
Toluene	67.840	5.0	100.0	0	67.8	70	130				S	
Trichloroethene	35.050	5.0	50.00	0	70.1	70	130					
Surr: 1,2-Dichloroethane-d4	50.260		50.00		101	68	147					
Surr: 4-Bromofluorobenzene	48.670		50.00		97.3	67	127					
Surr: Dibromofluoromethane	53.180		50.00		106	72	141					
Surr: Toluene-d8	54.160		50.00		108	75	120					

Sample ID: 105070-007AMSD		SampType: MSD		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108527		
Client ID: ZZZZZ		Batch ID: T09VS109		TestNo: EPA 8260B				Analysis Date: 4/24/2009		SeqNo: 1703092		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	41.920	5.0	50.00	0	83.8	70	130	39.87	5.01	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

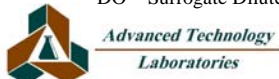
TestCode: 8260_S_5035

Sample ID: 105070-007AMSD	SampType: MSD	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527						
Client ID: ZZZZZZ	Batch ID: T09VS109	TestNo: EPA 8260B	Analysis Date: 4/24/2009	SeqNo: 1703092							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	74.390	5.0	100.0	0	74.4	70	130	73.48	1.23	20	
Chlorobenzene	22.070	5.0	50.00	0	44.1	70	130	25.27	13.5	20	S
Toluene	63.180	5.0	100.0	0	63.2	70	130	67.84	7.11	20	S
Trichloroethene	33.870	5.0	50.00	0	67.7	70	130	35.05	3.42	20	S
Surr: 1,2-Dichloroethane-d4	50.230		50.00		100	68	147		0	20	
Surr: 4-Bromofluorobenzene	48.560		50.00		97.1	67	127		0	20	
Surr: Dibromofluoromethane	53.960		50.00		108	72	141		0	20	
Surr: Toluene-d8	55.500		50.00		111	75	120		0	20	

Sample ID: T090424MB6	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527						
Client ID: PBS	Batch ID: T09VS109	TestNo: EPA 8260B	Analysis Date: 4/25/2009	SeqNo: 1703093							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

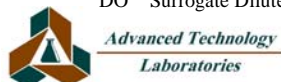
TestCode: 8260_S_5035

Sample ID: T090424MB6	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527
Client ID: PBS	Batch ID: T09VS109	TestNo: EPA 8260B		Analysis Date: 4/25/2009	SeqNo: 1703093

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

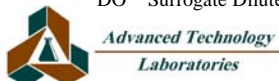
TestCode: 8260_S_5035

Sample ID: T090424MB6	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527						
Client ID: PBS	Batch ID: T09VS109	TestNo: EPA 8260B	Analysis Date: 4/25/2009	SeqNo: 1703093							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	47.060		50.00		94.1	68	147				
Surr: 4-Bromofluorobenzene	46.510		50.00		93.0	67	127				
Surr: Dibromofluoromethane	49.670		50.00		99.3	72	141				
Surr: Toluene-d8	50.730		50.00		101	75	120				

Sample ID: 105070-007ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527						
Client ID: ZZZZZ	Batch ID: T09VS109	TestNo: EPA 8260B	Analysis Date: 4/25/2009	SeqNo: 1703095							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

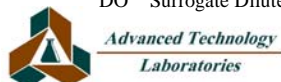
TestCode: 8260_S_5035

Sample ID: 105070-007ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527
Client ID: ZZZZZ	Batch ID: T09VS109	TestNo: EPA 8260B		Analysis Date: 4/25/2009	SeqNo: 1703095

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

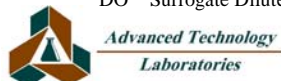
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105070-007ADUP	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108527						
Client ID: ZZZZZZ	Batch ID: T09VS109	TestNo: EPA 8260B		Analysis Date: 4/25/2009	SeqNo: 1703095						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	52.300		50.00		105	68	147		0	20	
Surr: 4-Bromofluorobenzene	47.880		50.00		95.8	67	127		0	20	
Surr: Dibromofluoromethane	54.970		50.00		110	72	141		0	20	
Surr: Toluene-d8	55.710		50.00		111	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

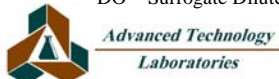
TestCode: 8260_S_5035

Sample ID: T090427LC1		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108533		
Client ID: LCSS		Batch ID: T09VS110		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703252				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	49.320	5.0	50.00	0	98.6	70	130					
Benzene	103.780	5.0	100.0	0	104	70	130					
Chlorobenzene	50.210	5.0	50.00	0	100	70	130					
MTBE	52.520	5.0	50.00	0	105	70	130					
Toluene	106.850	5.0	100.0	0	107	70	130					
Trichloroethene	48.780	5.0	50.00	0	97.6	70	130					
Surr: 1,2-Dichloroethane-d4	48.690		50.00		97.4	68	147					
Surr: 4-Bromofluorobenzene	47.470		50.00		94.9	67	127					
Surr: Dibromofluoromethane	50.980		50.00		102	72	141					
Surr: Toluene-d8	55.330		50.00		111	75	120					

Sample ID: T090427MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108533		
Client ID: PBS		Batch ID: T09VS110		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703254				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.0										
1,1,1-Trichloroethane	ND	5.0										
1,1,2,2-Tetrachloroethane	ND	5.0										
1,1,2-Trichloroethane	ND	5.0										
1,1-Dichloroethane	ND	5.0										
1,1-Dichloroethene	ND	5.0										
1,1-Dichloropropene	ND	5.0										
1,2,3-Trichlorobenzene	ND	5.0										
1,2,3-Trichloropropane	ND	5.0										
1,2,4-Trichlorobenzene	ND	5.0										
1,2,4-Trimethylbenzene	ND	5.0										
1,2-Dibromo-3-chloropropane	ND	10										
1,2-Dibromoethane	ND	5.0										
1,2-Dichlorobenzene	ND	5.0										
1,2-Dichloroethane	ND	5.0										

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

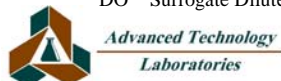
TestCode: 8260_S_5035

Sample ID: T090427MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108533						
Client ID: PBS	Batch ID: T09VS110	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

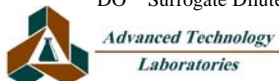
TestCode: 8260_S_5035

Sample ID: T090427MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108533		
Client ID: PBS		Batch ID: T09VS110		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703254				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	46.030		50.00		92.1	68	147					
Surr: 4-Bromofluorobenzene	45.740		50.00		91.5	67	127					
Surr: Dibromofluoromethane	50.840		50.00		102	72	141					
Surr: Toluene-d8	55.940		50.00		112	75	120					

Sample ID: 105210-022B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/27/2009		RunNo: 108533		
Client ID: 1001-118-2-S		Batch ID: T09VS110		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703265				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.9						0	0	20		
1,1,1-Trichloroethane	ND	5.9						0	0	20		
1,1,2,2-Tetrachloroethane	ND	5.9						0	0	20		
1,1,2-Trichloroethane	ND	5.9						0	0	20		
1,1-Dichloroethane	ND	5.9						0	0	20		
1,1-Dichloroethene	ND	5.9						0	0	20		
1,1-Dichloropropene	ND	5.9						0	0	20		
1,2,3-Trichlorobenzene	ND	5.9						0	0	20		
1,2,3-Trichloropropane	ND	5.9						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

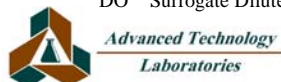
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-022B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/27/2009	RunNo: 108533						
Client ID: 1001-118-2-S	Batch ID: T09VS110	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.9						0	0	20	
1,2,4-Trimethylbenzene	ND	5.9						0	0	20	
1,2-Dibromo-3-chloropropane	ND	12						0	0	20	
1,2-Dibromoethane	ND	5.9						0	0	20	
1,2-Dichlorobenzene	ND	5.9						0	0	20	
1,2-Dichloroethane	ND	5.9						0	0	20	
1,2-Dichloropropane	ND	5.9						0	0	20	
1,3,5-Trimethylbenzene	ND	5.9						0	0	20	
1,3-Dichlorobenzene	ND	5.9						0	0	20	
1,3-Dichloropropane	ND	5.9						0	0	20	
1,4-Dichlorobenzene	ND	5.9						0	0	20	
2,2-Dichloropropane	ND	5.9						0	0	20	
2-Butanone	ND	59						0	0	20	
2-Chloroethyl vinyl ether	ND	5.9						0	0	20	
2-Chlorotoluene	ND	5.9						0	0	20	
2-Hexanone	ND	59						0	0	20	
4-Chlorotoluene	ND	5.9						0	0	20	
4-Isopropyltoluene	ND	5.9						0	0	20	
4-Methyl-2-pentanone	ND	59						0	0	20	
Acetone	18.227	59						25.78	0	20	
Acrolein	ND	59						0	0	20	
Acrylonitrile	ND	59						0	0	20	
Benzene	ND	5.9						0	0	20	
Bromobenzene	ND	5.9						0	0	20	
Bromochloromethane	ND	5.9						0	0	20	
Bromodichloromethane	ND	5.9						0	0	20	
Bromoform	ND	5.9						0	0	20	
Bromomethane	ND	5.9						0	0	20	
Carbon disulfide	ND	5.9						0	0	20	
Carbon tetrachloride	ND	5.9						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

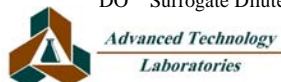
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-022B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/27/2009	RunNo: 108533						
Client ID: 1001-118-2-S	Batch ID: T09VS110	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	5.9						0	0	20	
Chloroethane	ND	5.9						0	0	20	
Chloroform	ND	5.9						0	0	20	
Chloromethane	ND	5.9						0	0	20	
cis-1,2-Dichloroethene	ND	5.9						0	0	20	
cis-1,3-Dichloropropene	ND	5.9						0	0	20	
Cyclohexanone	ND	59						0	0	20	
Di-isopropyl ether	ND	5.9						0	0	20	
Dibromochloromethane	ND	5.9						0	0	20	
Dibromomethane	ND	5.9						0	0	20	
Dichlorodifluoromethane	ND	5.9						0	0	20	
Ethyl Acetate	ND	59						0	0	20	
Ethyl Ether	ND	59						0	0	20	
Ethyl Tert-butyl ether	ND	5.9						0	0	20	
Ethylbenzene	ND	5.9						0	0	20	
Freon-113	ND	5.9						0	0	20	
Hexachlorobutadiene	ND	5.9						0	0	20	
Iodomethane	ND	5.9						0	0	20	
Isopropylbenzene	ND	5.9						0	0	20	
m,p-Xylene	ND	12						0	0	20	
Methylene chloride	ND	5.9						0	0	20	
MTBE	ND	5.9						0	0	20	
n-Butylbenzene	ND	5.9						0	0	20	
n-Propylbenzene	ND	5.9						0	0	20	
Naphthalene	ND	5.9						0	0	20	
o-Xylene	ND	5.9						0	0	20	
sec-Butylbenzene	ND	5.9						0	0	20	
Styrene	ND	5.9						0	0	20	
Tert-amyl methyl ether	ND	5.9						0	0	20	
Tert-Butanol	ND	120						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

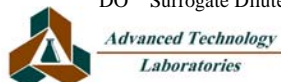
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-022B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/27/2009	RunNo: 108533						
Client ID: 1001-118-2-S	Batch ID: T09VS110	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	5.9						0	0	20	
Tetrachloroethene	12.411	5.9						18.79	40.9	20	
Toluene	ND	5.9						0	0	20	
trans-1,2-Dichloroethene	ND	5.9						0	0	20	
trans-1,3-Dichloropropene	ND	5.9						0	0	20	
Trichloroethene	ND	5.9						0	0	20	
Trichlorofluoromethane	ND	5.9						0	0	20	
Vinyl acetate	ND	59						0	0	20	
Vinyl chloride	ND	5.9						0	0	20	
Xylenes, Total	ND	18						0	0	20	
Surr: 1,2-Dichloroethane-d4	60.296		59.10		102	68	147		0	20	
Surr: 4-Bromofluorobenzene	48.546		59.10		82.1	67	127		0	20	
Surr: Dibromofluoromethane	61.087		59.10		103	72	141		0	20	
Surr: Toluene-d8	61.998		59.10		105	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

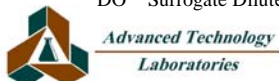
TestCode: 8260_S_5035

Sample ID: T090427LC3		SampType: LCS		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108547		
Client ID: LCSS		Batch ID: T09VS111		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703482				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	50.890	5.0	50.00	0	102	70	130					
Benzene	110.630	5.0	100.0	0	111	70	130					
Chlorobenzene	52.200	5.0	50.00	0	104	70	130					
MTBE	48.590	5.0	50.00	0	97.2	70	130					
Toluene	114.690	5.0	100.0	0	115	70	130					
Trichloroethene	47.750	5.0	50.00	0	95.5	70	130					
Surr: 1,2-Dichloroethane-d4	45.220		50.00		90.4	68	147					
Surr: 4-Bromofluorobenzene	45.930		50.00		91.9	67	127					
Surr: Dibromofluoromethane	49.930		50.00		99.9	72	141					
Surr: Toluene-d8	54.740		50.00		109	75	120					

Sample ID: T090427MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108547		
Client ID: PBS		Batch ID: T09VS111		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703484				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	5.0										
1,1,1-Trichloroethane	ND	5.0										
1,1,2,2-Tetrachloroethane	ND	5.0										
1,1,2-Trichloroethane	ND	5.0										
1,1-Dichloroethane	ND	5.0										
1,1-Dichloroethene	ND	5.0										
1,1-Dichloropropene	ND	5.0										
1,2,3-Trichlorobenzene	ND	5.0										
1,2,3-Trichloropropane	ND	5.0										
1,2,4-Trichlorobenzene	ND	5.0										
1,2,4-Trimethylbenzene	ND	5.0										
1,2-Dibromo-3-chloropropane	ND	10										
1,2-Dibromoethane	ND	5.0										
1,2-Dichlorobenzene	ND	5.0										
1,2-Dichloroethane	ND	5.0										

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

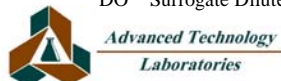
TestCode: 8260_S_5035

Sample ID: T090427MB4	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108547						
Client ID: PBS	Batch ID: T09VS111	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

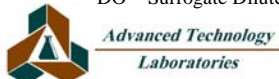
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Sample ID: T090427MB4		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108547		
Client ID: PBS		Batch ID: T09VS111		TestNo: EPA 8260B		Analysis Date: 4/27/2009				SeqNo: 1703484		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	46.310		50.00		92.6	68	147					
Surr: 4-Bromofluorobenzene	47.170		50.00		94.3	67	127					
Surr: Dibromofluoromethane	48.420		50.00		96.8	72	141					
Surr: Toluene-d8	51.960		50.00		104	75	120					

Sample ID: 105210-042B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/27/2009		RunNo: 108547		
Client ID: 1001-120-25-S		Batch ID: T09VS111		TestNo: EPA 8260B		Analysis Date: 4/27/2009				SeqNo: 1703495		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	4.7						0	0	20		
1,1,1-Trichloroethane	ND	4.7						0	0	20		
1,1,2,2-Tetrachloroethane	ND	4.7						0	0	20		
1,1,2-Trichloroethane	ND	4.7						0	0	20		
1,1-Dichloroethane	ND	4.7						0	0	20		
1,1-Dichloroethene	ND	4.7						0	0	20		
1,1-Dichloropropene	ND	4.7						0	0	20		
1,2,3-Trichlorobenzene	ND	4.7						0	0	20		
1,2,3-Trichloropropane	ND	4.7						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

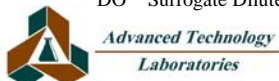
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-042B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/27/2009		RunNo: 108547	
Client ID: 1001-120-25-S		Batch ID: T09VS111		TestNo: EPA 8260B		Analysis Date: 4/27/2009		SeqNo: 1703495			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	4.7						0	0	20	
1,2,4-Trimethylbenzene	ND	4.7						0	0	20	
1,2-Dibromo-3-chloropropane	ND	9.4						0	0	20	
1,2-Dibromoethane	ND	4.7						0	0	20	
1,2-Dichlorobenzene	ND	4.7						0	0	20	
1,2-Dichloroethane	ND	4.7						0	0	20	
1,2-Dichloropropane	ND	4.7						0	0	20	
1,3,5-Trimethylbenzene	ND	4.7						0	0	20	
1,3-Dichlorobenzene	ND	4.7						0	0	20	
1,3-Dichloropropane	ND	4.7						0	0	20	
1,4-Dichlorobenzene	ND	4.7						0	0	20	
2,2-Dichloropropane	ND	4.7						0	0	20	
2-Butanone	ND	47						0	0	20	
2-Chloroethyl vinyl ether	ND	4.7						0	0	20	
2-Chlorotoluene	ND	4.7						0	0	20	
2-Hexanone	ND	47						0	0	20	
4-Chlorotoluene	ND	4.7						0	0	20	
4-Isopropyltoluene	ND	4.7						0	0	20	
4-Methyl-2-pentanone	ND	47						0	0	20	
Acetone	ND	47						0	0	20	
Acrolein	ND	47						0	0	20	
Acrylonitrile	ND	47						0	0	20	
Benzene	ND	4.7						0	0	20	
Bromobenzene	ND	4.7						0	0	20	
Bromochloromethane	ND	4.7						0	0	20	
Bromodichloromethane	ND	4.7						0	0	20	
Bromoform	ND	4.7						0	0	20	
Bromomethane	ND	4.7						0	0	20	
Carbon disulfide	0.648	4.7						0	0	20	
Carbon tetrachloride	ND	4.7						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

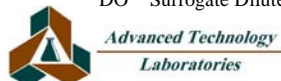
TestCode: 8260_S_5035

Sample ID: 105210-042B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/27/2009	RunNo: 108547
Client ID: 1001-120-25-S	Batch ID: T09VS111	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703495

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	4.7						0	0	20	
Chloroethane	ND	4.7						0	0	20	
Chloroform	ND	4.7						0	0	20	
Chloromethane	ND	4.7						0	0	20	
cis-1,2-Dichloroethene	ND	4.7						0	0	20	
cis-1,3-Dichloropropene	ND	4.7						0	0	20	
Cyclohexanone	ND	47						0	0	20	
Di-isopropyl ether	ND	4.7						0	0	20	
Dibromochloromethane	ND	4.7						0	0	20	
Dibromomethane	ND	4.7						0	0	20	
Dichlorodifluoromethane	ND	4.7						0	0	20	
Ethyl Acetate	ND	47						0	0	20	
Ethyl Ether	ND	47						0	0	20	
Ethyl Tert-butyl ether	ND	4.7						0	0	20	
Ethylbenzene	ND	4.7						0	0	20	
Freon-113	ND	4.7						0	0	20	
Hexachlorobutadiene	ND	4.7						0	0	20	
Iodomethane	ND	4.7						0	0	20	
Isopropylbenzene	ND	4.7						0	0	20	
m,p-Xylene	ND	9.4						0	0	20	
Methylene chloride	ND	4.7						0	0	20	
MTBE	ND	4.7						0	0	20	
n-Butylbenzene	ND	4.7						0	0	20	
n-Propylbenzene	ND	4.7						0	0	20	
Naphthalene	ND	4.7						0	0	20	
o-Xylene	ND	4.7						0	0	20	
sec-Butylbenzene	ND	4.7						0	0	20	
Styrene	ND	4.7						0	0	20	
Tert-amyl methyl ether	ND	4.7						0	0	20	
Tert-Butanol	ND	94						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

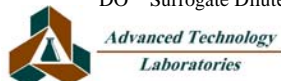
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-042B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/27/2009	RunNo: 108547						
Client ID: 1001-120-25-S	Batch ID: T09VS111	TestNo: EPA 8260B		Analysis Date: 4/27/2009	SeqNo: 1703495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	4.7						0	0	20	
Tetrachloroethene	ND	4.7						0	0	20	
Toluene	ND	4.7						0	0	20	
trans-1,2-Dichloroethene	ND	4.7						0	0	20	
trans-1,3-Dichloropropene	ND	4.7						0	0	20	
Trichloroethene	ND	4.7						0	0	20	
Trichlorofluoromethane	ND	4.7						0	0	20	
Vinyl acetate	ND	4.7						0	0	20	
Vinyl chloride	ND	4.7						0	0	20	
Xylenes, Total	ND	14						0	0	20	
Surr: 1,2-Dichloroethane-d4	55.808		46.99		119	68	147		0	20	
Surr: 4-Bromofluorobenzene	45.977		46.99		97.8	67	127		0	20	
Surr: Dibromofluoromethane	54.765		46.99		117	72	141		0	20	
Surr: Toluene-d8	51.118		46.99		109	75	120		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

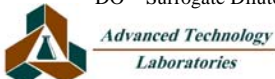
TestCode: 8260_S_5035

Sample ID: T090428LC1	SampType: LCS	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108632						
Client ID: LCSS	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.530	5.0	50.00	0	83.1	70	130				
Benzene	88.940	5.0	100.0	0	88.9	70	130				
Chlorobenzene	49.560	5.0	50.00	0	99.1	70	130				
MTBE	42.590	5.0	50.00	0	85.2	70	130				
Toluene	92.390	5.0	100.0	0	92.4	70	130				
Trichloroethene	39.820	5.0	50.00	0	79.6	70	130				
Surr: 1,2-Dichloroethane-d4	39.140		50.00		78.3	68	147				
Surr: 4-Bromofluorobenzene	45.940		50.00		91.9	67	127				
Surr: Dibromofluoromethane	44.320		50.00		88.6	72	141				
Surr: Toluene-d8	49.710		50.00		99.4	75	120				

Sample ID: T090428MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108632						
Client ID: PBS	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704652						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

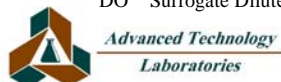
TestCode: 8260_S_5035

Sample ID: T090428MB2	SampType: MBLK	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date:	RunNo: 108632
Client ID: PBS	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704652

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

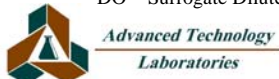
TestCode: 8260_S_5035

Sample ID: T090428MB2		SampType: MBLK		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date:		RunNo: 108632		
Client ID: PBS		Batch ID: T09VS112		TestNo: EPA 8260B		Analysis Date: 4/28/2009				SeqNo: 1704652		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
n-Propylbenzene	ND	5.0										
Naphthalene	ND	5.0										
o-Xylene	ND	5.0										
sec-Butylbenzene	ND	5.0										
Styrene	ND	5.0										
tert-Butylbenzene	ND	5.0										
Tetrachloroethene	ND	5.0										
Toluene	ND	5.0										
trans-1,2-Dichloroethene	ND	5.0										
Trichloroethene	ND	5.0										
Trichlorofluoromethane	ND	5.0										
Vinyl chloride	ND	5.0										
Surr: 1,2-Dichloroethane-d4	40.850		50.00		81.7	68	147					
Surr: 4-Bromofluorobenzene	43.830		50.00		87.7	67	127					
Surr: Dibromofluoromethane	44.750		50.00		89.5	72	141					
Surr: Toluene-d8	48.970		50.00		97.9	75	120					

Sample ID: 105210-046B		SampType: DUP		TestCode: 8260_S_5035		Units: µg/Kg		Prep Date: 4/28/2009		RunNo: 108632		
Client ID: 1001-120-40-S		Batch ID: T09VS112		TestNo: EPA 8260B		Analysis Date: 4/28/2009				SeqNo: 1704814		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	4.5						0	0	20		
1,1,1-Trichloroethane	ND	4.5						0	0	20		
1,1,2,2-Tetrachloroethane	ND	4.5						0	0	20		
1,1,2-Trichloroethane	ND	4.5						0	0	20		
1,1-Dichloroethane	ND	4.5						0	0	20		
1,1-Dichloroethene	ND	4.5						0	0	20		
1,1-Dichloropropene	ND	4.5						0	0	20		
1,2,3-Trichlorobenzene	ND	4.5						0	0	20		
1,2,3-Trichloropropane	ND	4.5						0	0	20		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

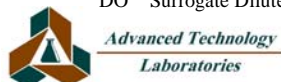
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-046B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/28/2009	RunNo: 108632						
Client ID: 1001-120-40-S	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704814						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	4.5						0	0	20	
1,2,4-Trimethylbenzene	ND	4.5						0	0	20	
1,2-Dibromo-3-chloropropane	ND	9.1						0	0	20	
1,2-Dibromoethane	ND	4.5						0	0	20	
1,2-Dichlorobenzene	ND	4.5						0	0	20	
1,2-Dichloroethane	ND	4.5						0	0	20	
1,2-Dichloropropane	ND	4.5						0	0	20	
1,3,5-Trimethylbenzene	ND	4.5						0	0	20	
1,3-Dichlorobenzene	ND	4.5						0	0	20	
1,3-Dichloropropane	ND	4.5						0	0	20	
1,4-Dichlorobenzene	ND	4.5						0	0	20	
2,2-Dichloropropane	ND	4.5						0	0	20	
2-Butanone	ND	45						0	0	20	
2-Chloroethyl vinyl ether	ND	4.5						0	0	20	
2-Chlorotoluene	ND	4.5						0	0	20	
2-Hexanone	ND	45						0	0	20	
4-Chlorotoluene	ND	4.5						0	0	20	
4-Isopropyltoluene	ND	4.5						0	0	20	
4-Methyl-2-pentanone	ND	45						0	0	20	
Acetone	ND	45						0	0	20	
Acrolein	ND	45						0	0	20	
Acrylonitrile	ND	45						0	0	20	
Benzene	ND	4.5						0	0	20	
Bromobenzene	ND	4.5						0	0	20	
Bromochloromethane	ND	4.5						0	0	20	
Bromodichloromethane	ND	4.5						0	0	20	
Bromoform	ND	4.5						0	0	20	
Bromomethane	ND	4.5						0	0	20	
Carbon disulfide	ND	4.5						0	0	20	
Carbon tetrachloride	ND	4.5						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

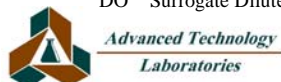
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-046B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/28/2009	RunNo: 108632						
Client ID: 1001-120-40-S	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704814						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	4.5						0	0	20	
Chloroethane	ND	4.5						0	0	20	
Chloroform	ND	4.5						0	0	20	
Chloromethane	ND	4.5						0	0	20	
cis-1,2-Dichloroethene	ND	4.5						0	0	20	
cis-1,3-Dichloropropene	ND	4.5						0	0	20	
Cyclohexanone	ND	45						0	0	20	
Di-isopropyl ether	ND	4.5						0	0	20	
Dibromochloromethane	ND	4.5						0	0	20	
Dibromomethane	ND	4.5						0	0	20	
Dichlorodifluoromethane	ND	4.5						0	0	20	
Ethyl Acetate	ND	45						0	0	20	
Ethyl Ether	ND	45						0	0	20	
Ethyl Tert-butyl ether	ND	4.5						0	0	20	
Ethylbenzene	ND	4.5						0	0	20	
Freon-113	ND	4.5						0	0	20	
Hexachlorobutadiene	ND	4.5						0	0	20	
Iodomethane	ND	4.5						0	0	20	
Isopropylbenzene	ND	4.5						0	0	20	
m,p-Xylene	ND	9.1						0	0	20	
Methylene chloride	ND	4.5						0	0	20	
MTBE	ND	4.5						0	0	20	
n-Butylbenzene	ND	4.5						0	0	20	
n-Propylbenzene	ND	4.5						0	0	20	
Naphthalene	ND	4.5						0	0	20	
o-Xylene	ND	4.5						0	0	20	
sec-Butylbenzene	ND	4.5						0	0	20	
Styrene	ND	4.5						0	0	20	
Tert-amyl methyl ether	ND	4.5						0	0	20	
Tert-Butanol	ND	91						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

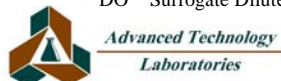
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S_5035

Sample ID: 105210-046B	SampType: DUP	TestCode: 8260_S_5035	Units: µg/Kg	Prep Date: 4/28/2009	RunNo: 108632						
Client ID: 1001-120-40-S	Batch ID: T09VS112	TestNo: EPA 8260B		Analysis Date: 4/28/2009	SeqNo: 1704814						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	4.5						0	0	20	
Tetrachloroethene	ND	4.5						0	0	20	
Toluene	ND	4.5						0	0	20	
trans-1,2-Dichloroethene	ND	4.5						0	0	20	
trans-1,3-Dichloropropene	ND	4.5						0	0	20	
Trichloroethene	ND	4.5						0	0	20	
Trichlorofluoromethane	ND	4.5						0	0	20	
Vinyl acetate	ND	45						0	0	20	
Vinyl chloride	ND	4.5						0	0	20	
Xylenes, Total	ND	14						0	0	20	
Surr: 1,2-Dichloroethane-d4	44.045		45.45		96.9	68	147		0	20	
Surr: 4-Bromofluorobenzene	42.418		45.45		93.3	67	127		0	20	
Surr: Dibromofluoromethane	43.236		45.45		95.1	72	141		0	20	
Surr: Toluene-d8	45.809		45.45		101	75	120		0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

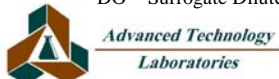
Sample ID: A090429LCS1	SampType: LCS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: LCSW	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704528						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	17.330	5.0	20.00	0	86.7	70	130				
Benzene	37.830	5.0	40.00	0	94.6	70	130				
Chlorobenzene	19.770	5.0	20.00	0	98.8	70	130				
MTBE	19.880	5.0	20.00	0	99.4	70	130				
Toluene	37.890	5.0	40.00	0	94.7	70	130				
Trichloroethene	17.930	5.0	20.00	0	89.7	70	130				
Surr: 1,2-Dichloroethane-d4	48.700		50.00		97.4	70	130				
Surr: 4-Bromofluorobenzene	49.940		50.00		99.9	70	130				
Surr: Dibromofluoromethane	49.160		50.00		98.3	70	130				
Surr: Toluene-d8	52.160		50.00		104	70	130				

Sample ID: A090429MB2MS	SampType: MS	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: ZZZZZ	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704529						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.840	5.0	20.00	0	104	70	130				
Benzene	40.810	5.0	40.00	0	102	70	130				
Chlorobenzene	20.780	5.0	20.00	0	104	70	130				
Toluene	41.550	5.0	40.00	0	104	70	130				
Trichloroethene	19.830	5.0	20.00	0	99.2	70	130				
Surr: 1,2-Dichloroethane-d4	47.700		50.00		95.4	70	130				
Surr: 4-Bromofluorobenzene	49.630		50.00		99.3	70	130				
Surr: Dibromofluoromethane	48.680		50.00		97.4	70	130				
Surr: Toluene-d8	52.830		50.00		106	70	130				

Sample ID: A090429MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: ZZZZZ	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704530						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.180	5.0	20.00	0	101	70	130	20.84	3.22	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

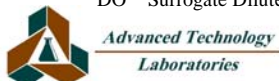
TestCode: 8260_WP

Sample ID: A090429MB2MSD	SampType: MSD	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: ZZZZZ	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704530						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.120	5.0	40.00	0	100	70	130	40.81	1.71	20	
Chlorobenzene	21.100	5.0	20.00	0	106	70	130	20.78	1.53	20	
Toluene	41.410	5.0	40.00	0	104	70	130	41.55	0.338	20	
Trichloroethene	19.520	5.0	20.00	0	97.6	70	130	19.83	1.58	20	
Surr: 1,2-Dichloroethane-d4	46.570		50.00		93.1	70	130		0	20	
Surr: 4-Bromofluorobenzene	49.570		50.00		99.1	70	130		0	20	
Surr: Dibromofluoromethane	47.670		50.00		95.3	70	130		0	20	
Surr: Toluene-d8	52.260		50.00		105	70	130		0	20	

Sample ID: A090429MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: PBW	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704531						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	5.0									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

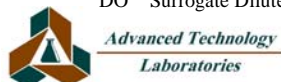
TestCode: 8260_WP

Sample ID: A090429MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623
Client ID: PBW	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704531

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

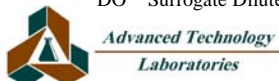
TestCode: 8260_WP

Sample ID: A090429MB2	SampType: MBLK	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: PBW	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704531						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	46.350		50.00		92.7	70	130				
Surr: 4-Bromofluorobenzene	48.380		50.00		96.8	70	130				
Surr: Dibromofluoromethane	47.520		50.00		95.0	70	130				
Surr: Toluene-d8	51.180		50.00		102	70	130				

Sample ID: 105210-047A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: QCEB-3	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704534						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

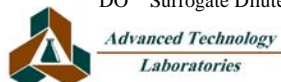
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105210-047A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: QCEB-3	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704534						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	5.0						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chloroethyl vinyl ether	ND	5.0						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
2-Hexanone	ND	50						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	
4-Isopropyltoluene	ND	5.0						0	0	20	
4-Methyl-2-pentanone	ND	50						0	0	20	
Acetone	ND	50						0	0	20	
Acrolein	ND	50						0	0	20	
Acrylonitrile	ND	50						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromochloromethane	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon disulfide	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

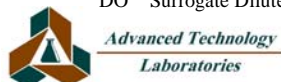
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105210-047A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: QCEB-3	Batch ID: A09VW077	TestNo: EPA 8260B		Analysis Date: 4/29/2009	SeqNo: 1704534						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Cyclohexanone	ND	50						0	0	20	
Di-isopropyl ether	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethyl Acetate	ND	50						0	0	20	
Ethyl Ether	ND	50						0	0	20	
Ethyl tert-butyl ether	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Iodomethane	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
Tert-amyl methyl ether	ND	5.0						0	0	20	
Tert-Butanol	ND	100						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	
Tetrachloroethene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

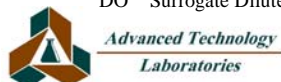
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP

Sample ID: 105210-047A	SampType: DUP	TestCode: 8260_WP	Units: µg/L	Prep Date:	RunNo: 108623						
Client ID: QCEB-3	Batch ID: A09VW077	TestNo: EPA 8260B	Analysis Date: 4/29/2009	SeqNo: 1704534							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
trans-1,3-Dichloropropene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl acetate	ND	50						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Xylenes, Total	ND	15						0	0	20	
Surr: 1,2-Dichloroethane-d4	46.630		50.00		93.3	70	130		0	20	
Surr: 4-Bromofluorobenzene	48.010		50.00		96.0	70	130		0	20	
Surr: Dibromofluoromethane	48.710		50.00		97.4	70	130		0	20	
Surr: Toluene-d8	51.580		50.00		103	70	130		0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



May 26, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 105173

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 22, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

Date: 26-May-09

CLIENT: Ninyo & Moore**Project:** 207126015**Lab Order:** 105173**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-001A	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001B	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001C	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001D	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001E	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001F	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-001G	1001-117-25-S	Soil	4/22/2009 1:20:00 PM	4/22/2009	5/26/2009
105173-002A	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002B	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002C	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002D	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002E	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002F	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-002G	1001-117-30-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003A	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003B	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003C	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003D	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003E	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003F	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-003G	1001-117-30D-S	Soil	4/22/2009 1:30:00 PM	4/22/2009	5/26/2009
105173-004A	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004B	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004C	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004D	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004E	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004F	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-004G	1001-117-35-S	Soil	4/22/2009 1:40:00 PM	4/22/2009	5/26/2009
105173-005A	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-005B	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-005C	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-005D	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-005E	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-005F	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-005G	1001-117-40-S	Soil	4/22/2009 1:50:00 PM	4/22/2009	5/26/2009
105173-006A	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006B	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006C	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006D	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006E	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006F	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-006G	1001-113-25-S	Soil	4/22/2009 2:45:00 PM	4/22/2009	5/26/2009
105173-007A	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007B	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007C	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007D	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007E	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007F	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-007G	1001-113-30-S	Soil	4/22/2009 2:50:00 PM	4/22/2009	5/26/2009
105173-008A	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008B	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008C	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008D	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008E	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008F	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-008G	1001-113-35-S	Soil	4/22/2009 2:55:00 PM	4/22/2009	5/26/2009
105173-009A	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-009B	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-009C	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105173-009D	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-009E	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-009F	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-009G	1001-113-40-S	Soil	4/22/2009 3:00:00 PM	4/22/2009	5/26/2009
105173-010A	QC EB-2	Water	4/22/2009 3:25:00 PM	4/22/2009	5/26/2009
105173-011A	TRIP Blank	Water	4/22/2009	4/22/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105173

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Analytical Comments for EPA 8015B(M)

Samples 105173-002, 105173-003, 105173-005, 105173-007, 105173-009, 105173-009EDUP, 105210-006GDUP, 105210-006GMS and 105210-006GMSD were requested and analyzed past hold time.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-002D

Client Sample ID: 1001-117-30-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/22/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.16	0.82	H mg/Kg 1 5/21/2009 02:49 PM
Surr: Bromofluorobenzene (FID)	89.2 0	59-145	H %REC 1 5/21/2009 02:49 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-002G

Client Sample ID: 1001-117-30-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 01:18 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:18 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:18 PM
Surr: p-Terphenyl	96.9	0	57-144	H	%REC	1	5/22/2009 01:18 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



*Advanced Technology
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-003D

Client Sample ID: 1001-117-30D-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/22/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.16	0.82	H mg/Kg	1	5/21/2009 03:04 PM
Surr: Bromofluorobenzene (FID)	85.3 0	59-145	H %REC	1	5/21/2009 03:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-003G

Client Sample ID: 1001-117-30D-S
Collection Date: 4/22/2009 1:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 01:27 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:27 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:27 PM
Surr: p-Terphenyl	89.0	0	57-144	H	%REC	1	5/22/2009 01:27 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
 Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-005D

Client Sample ID: 1001-117-40-S
Collection Date: 4/22/2009 1:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/22/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.20	1.0	H mg/Kg 1 5/21/2009 03:20 PM
Surr: Bromofluorobenzene (FID)	101 0	59-145	H %REC 1 5/21/2009 03:20 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-005G

Client Sample ID: 1001-117-40-S
Collection Date: 4/22/2009 1:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 01:36 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:36 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:36 PM
Surr: p-Terphenyl	93.5	0	57-144	H	%REC	1	5/22/2009 01:36 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-007D

Client Sample ID: 1001-113-30-S
Collection Date: 4/22/2009 2:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/22/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.23	1.2	H mg/Kg	1	5/21/2009 03:36 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	H %REC	1	5/21/2009 03:36 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-007G

Client Sample ID: 1001-113-30-S
Collection Date: 4/22/2009 2:50:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 01:46 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:46 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:46 PM
Surr: p-Terphenyl	93.0	0	57-144	H	%REC	1	5/22/2009 01:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-009D

Client Sample ID: 1001-113-40-S
Collection Date: 4/22/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/22/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.22	1.1	H mg/Kg 1 5/21/2009 03:51 PM
Surr: Bromofluorobenzene (FID)	108 0	59-145	H %REC 1 5/21/2009 03:51 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105173
Project: 207126015
Lab ID: 105173-009G

Client Sample ID: 1001-113-40-S
Collection Date: 4/22/2009 3:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 01:55 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:55 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 01:55 PM
Surr: p-Terphenyl	95.4	0	57-144	H	%REC	1	5/22/2009 01:55 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

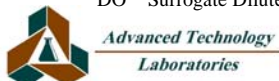
TestCode: HC_S_SEMI

Sample ID: MB-55474	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: PBS	Batch ID: 55474	TestNo: EPA 8015B(M LUFT)		Analysis Date: 5/22/2009	SeqNo: 1716239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	76.080		80.00		95.1	57	144				

Sample ID: 105210-006GDUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: ZZZZZZ	Batch ID: 55474	TestNo: EPA 8015B(M LUFT)		Analysis Date: 5/22/2009	SeqNo: 1716241						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	H
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	H
T/R Hydrocarbons:>C32	ND	10						0	0	20	H
Surr: p-Terphenyl	70.760		80.00		88.4	57	144		0	0	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090521LCS1	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: LCSS	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.228	1.0	5.000	0	84.6	73	120				
Surr: Bromofluorobenzene (FID)	94.154		100.0		94.2	59	145				

Sample ID: E090521MB1MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: ZZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715697						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.261	1.0	5.000	0	85.2	39	135				
Surr: Bromofluorobenzene (FID)	96.182		100.0		96.2	59	145				

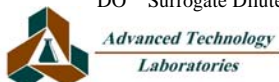
Sample ID: E090521MB1MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: ZZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715698						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.185	1.0	5.000	0	83.7	39	135	4.261	1.80	20	
Surr: Bromofluorobenzene (FID)	99.607		100.0		99.6	59	145		0	0	

Sample ID: E090521MB1	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: PBS	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715699						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.430		100.0		101	59	145				

Sample ID: 105173-009EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 109244						
Client ID: 1001-113-40-S	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715705						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.87						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105173-009EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 109244						
Client ID: 1001-113-40-S	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715705						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	92.713		86.51		107	59	145		0	0	H

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



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Laboratories*

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CLIENT: Ninyo & Moore
Work Order: 105173
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

BatchID: 55474

Sample ID: LCS-55474	SampType: LCS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: LCSS	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716215						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1023.510	10	1000	0	102	81	128				
Surr: p-Terphenyl	81.380		80.00		102	57	144				

Sample ID: 105210-006GMS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: ZZZZZZ	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1031.380	10	1000	0	103	58	145				H
Surr: p-Terphenyl	92.480		80.00		116	57	144				H

Sample ID: 105210-006GMSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: ZZZZZZ	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716218						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	940.480	10	1000	0	94.0	58	145	1031	9.22	20	H
Surr: p-Terphenyl	90.480		80.00		113	57	144		0	0	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



May 26, 2009



David Shaler
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 753-7070
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196
Workorder No.: 105210

RE: 207126015

Attention: David Shaler

Enclosed are the results for sample(s) received on April 23, 2009 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie F. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-001A	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001B	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001C	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001D	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001E	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001F	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-001G	1001-115-2-S	Soil	4/23/2009 7:55:00 AM	4/23/2009	5/26/2009
105210-002A	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002B	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002C	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002D	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002E	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002F	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-002G	1001-115-5-S	Soil	4/23/2009 8:00:00 AM	4/23/2009	5/26/2009
105210-003A	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003B	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003C	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003D	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003E	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003F	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-003G	1001-115-10-S	Soil	4/23/2009 8:05:00 AM	4/23/2009	5/26/2009
105210-004A	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004B	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004C	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004D	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004E	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004F	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-004G	1001-115-20-S	Soil	4/23/2009 8:10:00 AM	4/23/2009	5/26/2009
105210-005A	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-005B	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-005C	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-005D	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-005E	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-005F	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-005G	1001-115-25-S	Soil	4/23/2009 8:15:00 AM	4/23/2009	5/26/2009
105210-006A	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006B	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006C	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006D	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006E	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006F	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-006G	1001-115-30-S	Soil	4/23/2009 8:20:00 AM	4/23/2009	5/26/2009
105210-007A	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007B	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007C	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007D	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007E	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007F	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-007G	1001-115-35-S	Soil	4/23/2009 8:25:00 AM	4/23/2009	5/26/2009
105210-008A	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008B	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008C	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008D	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008E	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008F	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-008G	1001-115-40-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009A	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009B	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009C	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009



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105210-009D	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009E	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009F	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-009G	1001-115-40D-S	Soil	4/23/2009 8:30:00 AM	4/23/2009	5/26/2009
105210-010A	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010B	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010C	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010D	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010E	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010F	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-010G	1001-114-25-S	Soil	4/23/2009 9:15:00 AM	4/23/2009	5/26/2009
105210-011A	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011B	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011C	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011D	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011E	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011F	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-011G	1001-114-30-S	Soil	4/23/2009 9:20:00 AM	4/23/2009	5/26/2009
105210-012A	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012B	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012C	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012D	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012E	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012F	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-012G	1001-114-35-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013A	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013B	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013C	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013D	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013E	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009

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105210-013F	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-013G	1001-114-35D-S	Soil	4/23/2009 9:25:00 AM	4/23/2009	5/26/2009
105210-014A	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014B	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014C	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014D	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014E	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014F	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-014G	1001-114-40-S	Soil	4/23/2009 9:35:00 AM	4/23/2009	5/26/2009
105210-015A	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015B	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015C	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015D	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015E	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015F	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-015G	1001-116-5-S	Soil	4/23/2009 10:20:00 AM	4/23/2009	5/26/2009
105210-016A	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016B	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016C	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016D	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016E	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016F	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-016G	1001-116-10-S	Soil	4/23/2009 10:25:00 AM	4/23/2009	5/26/2009
105210-017A	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017B	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017C	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017D	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017E	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017F	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009
105210-017G	1001-116-20-S	Soil	4/23/2009 10:30:00 AM	4/23/2009	5/26/2009



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105210-018A	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018B	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018C	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018D	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018E	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018F	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-018G	1001-116-25-S	Soil	4/23/2009 10:35:00 AM	4/23/2009	5/26/2009
105210-019A	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019B	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019C	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019D	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019E	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019F	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-019G	1001-116-30-S	Soil	4/23/2009 10:38:00 AM	4/23/2009	5/26/2009
105210-020A	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020B	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020C	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020D	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020E	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020F	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-020G	1001-116-35-S	Soil	4/23/2009 10:45:00 AM	4/23/2009	5/26/2009
105210-021A	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021B	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021C	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021D	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021E	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021F	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-021G	1001-116-40-S	Soil	4/23/2009 10:50:00 AM	4/23/2009	5/26/2009
105210-022A	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-022B	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009



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105210-022C	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-022D	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-022E	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-022F	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-022G	1001-118-2-S	Soil	4/23/2009 1:00:00 PM	4/23/2009	5/26/2009
105210-023A	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023B	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023C	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023D	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023E	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023F	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-023G	1001-118-5-S	Soil	4/23/2009 1:05:00 PM	4/23/2009	5/26/2009
105210-024A	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024B	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024C	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024D	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024E	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024F	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-024G	1001-118-10-S	Soil	4/23/2009 1:10:00 PM	4/23/2009	5/26/2009
105210-025A	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025B	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025C	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025D	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025E	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025F	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-025G	1001-118-20-S	Soil	4/23/2009 1:15:00 PM	4/23/2009	5/26/2009
105210-026A	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009
105210-026B	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009
105210-026C	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009
105210-026D	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009



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105210-026F	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009
105210-026G	1001-118-25-S	Soil	4/23/2009 1:20:00 PM	4/23/2009	5/26/2009
105210-027A	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027B	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027C	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027D	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027E	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027F	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-027G	1001-118-30-S	Soil	4/23/2009 1:25:00 PM	4/23/2009	5/26/2009
105210-028A	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028B	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028C	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028D	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028E	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028F	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-028G	1001-118-35-S	Soil	4/23/2009 1:30:00 PM	4/23/2009	5/26/2009
105210-029A	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029B	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029C	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029D	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029E	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029F	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-029G	1001-118-40-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030A	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030B	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030C	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030D	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030E	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-030F	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009



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105210-030G	1001-118-40D-S	Soil	4/23/2009 1:40:00 PM	4/23/2009	5/26/2009
105210-031A	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/26/2009
105210-031B	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/26/2009
105210-031C	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/26/2009
105210-031D	1001-119-2-S	Soil	4/23/2009 2:55:00 PM	4/23/2009	5/26/2009
105210-032A	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/26/2009
105210-032B	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/26/2009
105210-032C	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/26/2009
105210-032D	1001-119-5-S	Soil	4/23/2009 2:58:00 PM	4/23/2009	5/26/2009
105210-033A	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/26/2009
105210-033B	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/26/2009
105210-033C	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/26/2009
105210-033D	1001-119-10-S	Soil	4/23/2009 3:00:00 PM	4/23/2009	5/26/2009
105210-034A	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/26/2009
105210-034B	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/26/2009
105210-034C	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/26/2009
105210-034D	1001-119-20-S	Soil	4/23/2009 3:03:00 PM	4/23/2009	5/26/2009
105210-035A	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/26/2009
105210-035B	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/26/2009
105210-035C	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/26/2009
105210-035D	1001-119-25-S	Soil	4/23/2009 3:05:00 PM	4/23/2009	5/26/2009
105210-036A	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/26/2009
105210-036B	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/26/2009
105210-036C	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/26/2009
105210-036D	1001-119-30-S	Soil	4/23/2009 3:08:00 PM	4/23/2009	5/26/2009
105210-037A	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/26/2009
105210-037B	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/26/2009
105210-037C	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/26/2009
105210-037D	1001-119-35-S	Soil	4/23/2009 3:10:00 PM	4/23/2009	5/26/2009
105210-038A	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-038B	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/26/2009
105210-038C	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/26/2009
105210-038D	1001-119-40-S	Soil	4/23/2009 3:12:00 PM	4/23/2009	5/26/2009
105210-039A	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/26/2009
105210-039B	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/26/2009
105210-039C	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/26/2009
105210-039D	1001-120-5-S	Soil	4/23/2009 3:50:00 PM	4/23/2009	5/26/2009
105210-040A	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/26/2009
105210-040B	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/26/2009
105210-040C	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/26/2009
105210-040D	1001-120-10-S	Soil	4/23/2009 3:55:00 PM	4/23/2009	5/26/2009
105210-041A	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/26/2009
105210-041B	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/26/2009
105210-041C	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/26/2009
105210-041D	1001-120-20-S	Soil	4/23/2009 3:58:00 PM	4/23/2009	5/26/2009
105210-042A	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-042B	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-042C	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-042D	1001-120-25-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-043A	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-043B	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-043C	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-043D	1001-120-25D-S	Soil	4/23/2009 4:00:00 PM	4/23/2009	5/26/2009
105210-044A	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/26/2009
105210-044B	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/26/2009
105210-044C	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/26/2009
105210-044D	1001-120-30-S	Soil	4/23/2009 4:03:00 PM	4/23/2009	5/26/2009
105210-045A	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/26/2009
105210-045B	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/26/2009
105210-045C	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
105210-045D	1001-120-35-S	Soil	4/23/2009 4:05:00 PM	4/23/2009	5/26/2009
105210-046A	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/26/2009
105210-046B	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/26/2009
105210-046C	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/26/2009
105210-046D	1001-120-40-S	Soil	4/23/2009 4:08:00 PM	4/23/2009	5/26/2009
105210-047A	QCEB-3	Water	4/23/2009 4:15:00 PM	4/23/2009	5/26/2009
105210-048A	Trip Blank	Water	4/23/2009	4/23/2009	5/26/2009



CLIENT: Ninyo & Moore
Project: 207126015
Lab Order: 105210

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements except sample 1001-120-40-S. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Analytical Comments for EPA 8015B(M)

Samples 105210-006, 105210-008, 105210-009, 105210-011, 105210-014, 105210-019, 105210-021, 105210-027, 105210-029, 105210-030, 105210-036, 105210-038, 105210-044, 105210-046, 105173-009EDUP, 105210-006GDUP, 105210-019EDUP, 105210-027GDUP, 105210-006GMS, 105210-006GMSD, 105210-030GMS and 105210-030GMSD were requested and analyzed past hold time.



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-006D

Client Sample ID: 1001-115-30-S
Collection Date: 4/23/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.22	1.1	H mg/Kg 1 5/21/2009 04:22 PM
Surr: Bromofluorobenzene (FID)	115 0	59-145	H %REC 1 5/21/2009 04:22 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-006G

Client Sample ID: 1001-115-30-S
Collection Date: 4/23/2009 8:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 02:04 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:04 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:04 PM
Surr: p-Terphenyl	99.4	0	57-144	H	%REC	1	5/22/2009 02:04 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-008D

Client Sample ID: 1001-115-40-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.93	H mg/Kg 1 5/21/2009 04:38 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	H %REC 1 5/21/2009 04:38 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-008G

Client Sample ID: 1001-115-40-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 02:14 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:14 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:14 PM
Surr: p-Terphenyl	116	0	57-144	H	%REC	1	5/22/2009 02:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-009D

Client Sample ID: 1001-115-40D-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.92	H mg/Kg 1 5/21/2009 04:54 PM
Surr: Bromofluorobenzene (FID)	118 0	59-145	H %REC 1 5/21/2009 04:54 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-009G

Client Sample ID: 1001-115-40D-S
Collection Date: 4/23/2009 8:30:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 02:23 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:23 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:23 PM
Surr: p-Terphenyl	95.9	0	57-144	H	%REC	1	5/22/2009 02:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-011D

Client Sample ID: 1001-114-30-S
Collection Date: 4/23/2009 9:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.17	0.88	H mg/Kg 1 5/21/2009 05:09 PM
Surr: Bromofluorobenzene (FID)	117 0	59-145	H %REC 1 5/21/2009 05:09 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-011G

Client Sample ID: 1001-114-30-S
Collection Date: 4/23/2009 9:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 02:32 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:32 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:32 PM
Surr: p-Terphenyl	96.7	0	57-144	H	%REC	1	5/22/2009 02:32 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-014D

Client Sample ID: 1001-114-40-S
Collection Date: 4/23/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521A	QC Batch: E09VS139	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.14	0.74	H mg/Kg 1 5/21/2009 05:25 PM
Surr: Bromofluorobenzene (FID)	117 0	59-145	H %REC 1 5/21/2009 05:25 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-014G

Client Sample ID: 1001-114-40-S
Collection Date: 4/23/2009 9:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522B	QC Batch:	55474	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 02:42 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:42 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 02:42 PM
Surr: p-Terphenyl	93.6	0	57-144	H	%REC	1	5/22/2009 02:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-019D

Client Sample ID: 1001-116-30-S
Collection Date: 4/23/2009 10:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.39	2.0	H mg/Kg 1 5/21/2009 08:01 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	H %REC 1 5/21/2009 08:01 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-019G

Client Sample ID: 1001-116-30-S
Collection Date: 4/23/2009 10:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:11 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:11 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:11 AM
Surr: p-Terphenyl	95.2	0	57-144	H	%REC	1	5/22/2009 11:11 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-021D

Client Sample ID: 1001-116-40-S
Collection Date: 4/23/2009 10:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.15	0.77	H mg/Kg	1	5/21/2009 08:33 PM
Surr: Bromofluorobenzene (FID)	115 0	59-145	H %REC	1	5/21/2009 08:33 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-021G

Client Sample ID: 1001-116-40-S
Collection Date: 4/23/2009 10:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:20 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:20 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:20 AM
Surr: p-Terphenyl	117	0	57-144	H	%REC	1	5/22/2009 11:20 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-027D

Client Sample ID: 1001-118-30-S
Collection Date: 4/23/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.18	0.91	H mg/Kg 1 5/21/2009 08:48 PM
Surr: Bromofluorobenzene (FID)	114 0	59-145	H %REC 1 5/21/2009 08:48 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-027G

Client Sample ID: 1001-118-30-S
Collection Date: 4/23/2009 1:25:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:29 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:29 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:29 AM
Surr: p-Terphenyl	95.4	0	57-144	H	%REC	1	5/22/2009 11:29 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-029D

Client Sample ID: 1001-118-40-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.17	0.88	H mg/Kg 1 5/21/2009 09:04 PM
Surr: Bromofluorobenzene (FID)	105 0	59-145	H %REC 1 5/21/2009 09:04 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-029G

Client Sample ID: 1001-118-40-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:38 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:38 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:38 AM
Surr: p-Terphenyl	117	0	57-144	H	%REC	1	5/22/2009 11:38 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-030D

Client Sample ID: 1001-118-40D-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.16	0.81	H mg/Kg	1	5/21/2009 09:20 PM
Surr: Bromofluorobenzene (FID)	115 0	59-145	H %REC	1	5/21/2009 09:20 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-030G

Client Sample ID: 1001-118-40D-S
Collection Date: 4/23/2009 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:47 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:47 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:47 AM
Surr: p-Terphenyl	96.3	0	57-144	H	%REC	1	5/22/2009 11:47 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-036B

Client Sample ID: 1001-119-30-S
Collection Date: 4/23/2009 3:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.26	1.3	H mg/Kg 1 5/21/2009 09:35 PM
Surr: Bromofluorobenzene (FID)	116 0	59-145	H %REC 1 5/21/2009 09:35 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-036D

Client Sample ID: 1001-119-30-S
Collection Date: 4/23/2009 3:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 11:56 AM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:56 AM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 11:56 AM
Surr: p-Terphenyl	114	0	57-144	H	%REC	1	5/22/2009 11:56 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-038B

Client Sample ID: 1001-119-40-S
Collection Date: 4/23/2009 3:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN		
T/R Hydrocarbons: C4-C12	ND 0.15	0.76	H mg/Kg	1	5/21/2009 09:51 PM
Surr: Bromofluorobenzene (FID)	106 0	59-145	H %REC	1	5/21/2009 09:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-038D

Client Sample ID: 1001-119-40-S
Collection Date: 4/23/2009 3:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 12:05 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:05 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:05 PM
Surr: p-Terphenyl	97.8	0	57-144	H	%REC	1	5/22/2009 12:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-044B

Client Sample ID: 1001-120-30-S
Collection Date: 4/23/2009 4:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140	PrepDate: 4/23/2009	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND 0.16	0.83	H mg/Kg 1 5/21/2009 10:06 PM
Surr: Bromofluorobenzene (FID)	111 0	59-145	H %REC 1 5/21/2009 10:06 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-044D

Client Sample ID: 1001-120-30-S
Collection Date: 4/23/2009 4:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID:	GC16_090522A	QC Batch:	55478	PrepDate:	5/21/2009	Analyst:	CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 12:14 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:14 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:14 PM
Surr: p-Terphenyl	94.2	0	57-144	H	%REC	1	5/22/2009 12:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 26-May-09

CLIENT: Ninyo & Moore
Lab Order: 105210
Project: 207126015
Lab ID: 105210-046D

Client Sample ID: 1001-120-40-S
Collection Date: 4/23/2009 4:08:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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HYDROCARBON CHAIN IDENTIFICATION

LUFT

EPA 8015B(M)

RunID: GC16_090522A	QC Batch: 55478					PrepDate: 5/21/2009	Analyst: CBR
T/R Hydrocarbons: C13-C22	ND	10	10	H	mg/Kg	1	5/22/2009 12:23 PM
T/R Hydrocarbons: C23-C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:23 PM
T/R Hydrocarbons:>C32	ND	10	10	H	mg/Kg	1	5/22/2009 12:23 PM
Surr: p-Terphenyl	95.8	0	57-144	H	%REC	1	5/22/2009 12:23 PM

HYDROCARBON CHAIN IDENTIFICATION

EPA 8015B

RunID: GC2_090521B	QC Batch: E09VS140					PrepDate:	Analyst: KHN
T/R Hydrocarbons: C4-C12	ND	0.19	1.0	H	mg/Kg	1	5/21/2009 10:22 PM
Surr: Bromofluorobenzene (FID)	102	0	59-145	H	%REC	1	5/21/2009 10:22 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

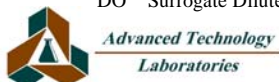
TestCode: HC_S_SEMI

Sample ID: MB-55474	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: PBS	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	76.080		80.00		95.1	57	144				

Sample ID: 105210-006GDUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: 1001-115-30-S	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716241						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	H
C13-C22	ND	10						0	0	20	H
C18-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C8	ND	10						0	0	20	H
C22+ to C40	ND	10						0	0	20	H
C23-C39	ND	10						0	0	20	H
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	H
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

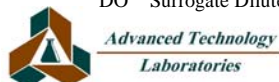
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105210-006GDUP		SampType: DUP		TestCode: HC_S_SEMI		Units: mg/Kg		Prep Date: 5/21/2009		RunNo: 109275	
Client ID: 1001-115-30-S		Batch ID: 55474		TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009		SeqNo: 1716241			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	H
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	H
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	H
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	H
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	H
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	H
T/R Hydrocarbons:>C23	ND	10						0	0	20	H
T/R Hydrocarbons:>C32	ND	10						0	0	20	H
T/R Hydrocarbons:>C40	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	H
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	H
Surr: p-Terphenyl	70.760		80.00		88.4	57	144		0	0	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

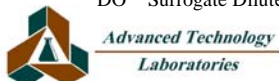
TestCode: HC_S_SEMI

Sample ID: MB-55478	SampType: MBLK	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109273						
Client ID: PBS	Batch ID: 55478	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716160						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C13-C22	ND	10									
T/R Hydrocarbons: C23-C32	ND	10									
T/R Hydrocarbons:>C32	ND	10									
Surr: p-Terphenyl	77.030		80.00		96.3	57	144				

Sample ID: 105210-027GDUP	SampType: DUP	TestCode: HC_S_SEMI	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109273						
Client ID: 1001-118-30-S	Batch ID: 55478	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716164						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
C12+ to C22	ND	10						0	0	20	H
C13-C22	ND	10						0	0	20	H
C18-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C8	ND	10						0	0	20	H
C22+ to C40	ND	10						0	0	20	H
C23-C39	ND	10						0	0	20	H
T/R Hydrocarbons: C6-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C10	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C9-C25	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C12	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C14	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C18	ND	10						0	0	20	H
T/R Hydrocarbons: C10-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C12-C16	ND	10						0	0	20	H
T/R Hydrocarbons: C12-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C15	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C22	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C23	ND	10						0	0	20	H
T/R Hydrocarbons: C9-C18	ND	10						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

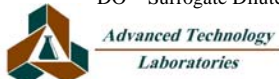
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_SEMI

Sample ID: 105210-027GDUP		SampType: DUP		TestCode: HC_S_SEMI		Units: mg/Kg		Prep Date: 5/21/2009		RunNo: 109273	
Client ID: 1001-118-30-S		Batch ID: 55478		TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009		SeqNo: 1716164			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C15-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C16-C20	ND	10						0	0	20	H
T/R Hydrocarbons: C16-C22	ND	10						0	0	20	H
T/R Hydrocarbons: C19-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C20-C24	ND	10						0	0	20	H
T/R Hydrocarbons: C23-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C23-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C24-C28	ND	10						0	0	20	H
T/R Hydrocarbons: C24-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C28-C32	ND	10						0	0	20	H
T/R Hydrocarbons: C28-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C29-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C32-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C33-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C34-C36	ND	10						0	0	20	H
T/R Hydrocarbons: C36-C40	ND	10						0	0	20	H
T/R Hydrocarbons: C38-C40	ND	10						0	0	20	H
T/R Hydrocarbons:>C23	ND	10						0	0	20	H
T/R Hydrocarbons:>C32	ND	10						0	0	20	H
T/R Hydrocarbons:>C40	ND	10						0	0	20	H
T/R Hydrocarbons: C8-C40 Total	ND	10						0	0	20	H
T/R Hydrocarbons: C13-C28	ND	10						0	0	0	H
T/R Hydrocarbons: C29-C40	ND	10						0	0	0	H
Surr: p-Terphenyl	75.330		80.00		94.2	57	144		0	0	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12

Sample ID: E090521LCS3	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: LCSS	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715831						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.370	1.0	5.000	0	87.4	73	120				
Surr: Bromofluorobenzene (FID)	100.452		100.0		100	59	145				

Sample ID: E090521MB2MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: ZZZZZZ	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715832						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	3.933	1.0	5.000	0	78.7	39	135				
Surr: Bromofluorobenzene (FID)	97.115		100.0		97.1	59	145				

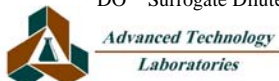
Sample ID: E090521MB2MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: ZZZZZZ	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715833						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.019	1.0	5.000	0	80.4	39	135	3.933	2.16	20	
Surr: Bromofluorobenzene (FID)	97.918		100.0		97.9	59	145		0	0	

Sample ID: E090521MB2	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: PBS	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715834						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	102.468		100.0		102	59	145				

Sample ID: 105210-019EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: 1001-116-30-S	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

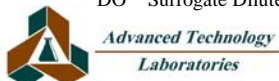
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12

Sample ID: 105210-019EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: 1001-116-30-S	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	91.301		100.0		91.3	59	145		0	0	H

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090521LCS1	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: LCSS	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.228	1.0	5.000	0	84.6	73	120				
Surr: Bromofluorobenzene (FID)	94.154		100.0		94.2	59	145				

Sample ID: E090521MB1MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: ZZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715697						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.261	1.0	5.000	0	85.2	39	135				
Surr: Bromofluorobenzene (FID)	96.182		100.0		96.2	59	145				

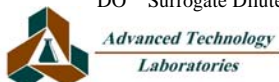
Sample ID: E090521MB1MSD	SampType: MSD	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: ZZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715698						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.185	1.0	5.000	0	83.7	39	135	4.261	1.80	20	
Surr: Bromofluorobenzene (FID)	99.607		100.0		99.6	59	145		0	0	

Sample ID: E090521MB1	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109244						
Client ID: PBS	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715699						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	101.430		100.0		101	59	145				

Sample ID: 105173-009EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 109244						
Client ID: ZZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715705						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	0.87						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

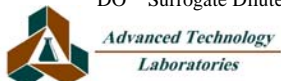
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105173-009EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/22/2009	RunNo: 109244						
Client ID: ZZZZZ	Batch ID: E09VS139	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715705						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	92.713		86.51		107	59	145		0	0	H

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: E090521LCS3	SampType: LCS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: LCSS	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.370	1.0	5.000	0	87.4	73	120				
Surr: Bromofluorobenzene (FID)	100.452		100.0		100	59	145				

Sample ID: E090521MB2MS	SampType: MS	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: ZZZZZZ	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	3.933	1.0	5.000	0	78.7	39	135				
Surr: Bromofluorobenzene (FID)	97.115		100.0		97.1	59	145				

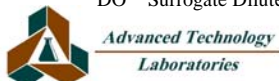
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Client ID: ZZZZZZ	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	4.019	1.0	5.000	0	80.4	39	135	3.933	2.16	20	
Surr: Bromofluorobenzene (FID)	97.918		100.0		97.9	59	145		0	0	

Sample ID: E090521MB2	SampType: MBLK	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date:	RunNo: 109245						
Client ID: PBS	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715735						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.0									
Surr: Bromofluorobenzene (FID)	102.468		100.0		102	59	145				

Sample ID: 105210-019EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 109245						
Client ID: 1001-116-30-S	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C4-C12	ND	1.2						0	0	20	H

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

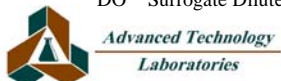
ANALYTICAL QC SUMMARY REPORT

TestCode: HC_S_VOAC4C12P

Sample ID: 105210-019EDUP	SampType: DUP	TestCode: HC_S_VOAC	Units: mg/Kg	Prep Date: 4/23/2009	RunNo: 109245						
Client ID: 1001-116-30-S	Batch ID: E09VS140	TestNo: EPA 8015B		Analysis Date: 5/21/2009	SeqNo: 1715737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene (FID)	107.921		118.2		91.3	59	145		0	0	H

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

BatchID: 55474

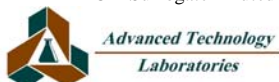
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Client ID: LCSS	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716215						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1023.510	10	1000	0	102	81	128				
Surr: p-Terphenyl	81.380		80.00		102	57	144				

Sample ID: 105210-006GMS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: 1001-115-30-S	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1031.380	10	1000	0	103	58	145				H
Surr: p-Terphenyl	92.480		80.00		116	57	144				H

Sample ID: 105210-006GMSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109275						
Client ID: 1001-115-30-S	Batch ID: 55474	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716218						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	940.480	10	1000	0	94.0	58	145	1031	9.22	20	H
Surr: p-Terphenyl	90.480		80.00		113	57	144		0	0	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 105210
Project: 207126015

ANALYTICAL QC SUMMARY REPORT

BatchID: 55478

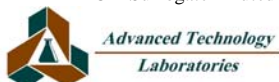
Sample ID: LCS-55478	SampType: LCS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109273						
Client ID: LCSS	Batch ID: 55478	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716147						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1036.770	10	1000	0	104	81	128				
Surr: p-Terphenyl	81.080		80.00		101	57	144				

Sample ID: 105210-030GMS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109273						
Client ID: 1001-118-40D-S	Batch ID: 55478	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716148						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1009.190	10	1000	0	101	58	145				H
Surr: p-Terphenyl	80.240		80.00		100	57	144				H

Sample ID: 105210-030GMSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 5/21/2009	RunNo: 109273						
Client ID: 1001-118-40D-S	Batch ID: 55478	TestNo: EPA 8015B(M LUFT		Analysis Date: 5/22/2009	SeqNo: 1716149						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1015.720	10	1000	0	102	58	145	1009	0.645	20	H
Surr: p-Terphenyl	80.730		80.00		101	57	144		0	0	H

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference





JONES ENVIRONMENTAL

LABORATORY REPORT

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates
1. EPA 8260B- Volatile Hydrocarbons as Gasoline by GC/MS

Sampling – Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 7 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager



Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

**EPA 8260B- Volatile Organics by GC/MS + Oxygenates/
 Volatile Hydrocarbons as Gasoline**

<u>Sample ID:</u>	<u>1001-101-</u>	<u>1001-101-</u>	<u>1001-101-</u>	<u>1001-101-</u>	<u>1001-102-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u> <u>1P</u>	<u>5</u> <u>SG</u> <u>3P</u>	<u>5</u> <u>SG</u> <u>7P</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-101-</u>	<u>1001-101-</u>	<u>1001-101-</u>	<u>1001-</u>	<u>1001-102-</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u> <u>1P</u>	<u>5</u> <u>SG</u> <u>3P</u>	<u>5</u> <u>SG</u> <u>7P</u>	<u>101-</u> <u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	15900	16100	16200	36500	4820	20	ug/M ³
Toluene	41	27	23	42	ND	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	104	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	235	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-101- 5 SG 1P</u>	<u>1001-101- 5 SG 3P</u>	<u>1001-101- 5 SG 7P</u>	<u>1001-101- 15 SG</u>	<u>1001-102- 5 SG</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	101%	101%	100%	102%	102%	60 - 140	
Toluene-d ₈	107%	106%	103%	101%	104%	60 - 140	
4-Bromofluorobenzene	100%	101%	99%	98%	107%	60 - 140	

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-102-</u>	<u>1001-112-</u>	<u>1001-112-</u>	<u>1001-103-</u>	<u>1001-103-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15 SG</u>	<u>5 SG</u>	<u>15 SG</u>	<u>5 SG</u>	<u>15 SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-102-</u> <u>15</u> <u>SG</u>	<u>1001-112-</u> <u>5</u> <u>SG</u>	<u>1001-112-</u> <u>15</u> <u>SG</u>	<u>1001-</u> <u>103-</u> <u>5</u> <u>SG</u>	<u>1001-103-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	4370	869	28200	32700	52400*	20	ug/M ³
Toluene	325	ND	64	235	45	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	338	130	20	ug/M ³

ND = Not Detected



JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-102-</u> <u>15</u> <u>SG</u>	<u>1001-112-</u> <u>5</u> <u>SG</u>	<u>1001-112-</u> <u>15</u> <u>SG</u>	<u>1001-103-</u> <u>5</u> <u>SG</u>	<u>1001-103-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1/4*		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	99%	99%	100%	103%	100%	60 - 140	
Toluene-d ₈	104%	106%	105%	104%	104%	60 - 140	
4-Bromofluorobenzene	101%	104%	106%	107%	106%	60 - 140	

ND = Not Detected

* = Dilutions for these compound(s); first number of all others



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Testing Laboratories

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(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-104-</u>	<u>1001-104-</u>	<u>1001-105-</u>	<u>1001-105-</u>	<u>1001-111-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-104-</u> <u>5</u> <u>SG</u>	<u>1001-104-</u> <u>15</u> <u>SG</u>	<u>1001-105-</u> <u>5</u> <u>SG</u>	<u>1001-</u> <u>105-</u> <u>15</u> <u>SG</u>	<u>1001-111-</u> <u>5</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	4590	10800	783	1760	2730	20	ug/M ³
Toluene	ND	ND	25	65	334	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	52	60	ND	ND	ND	20	ug/M ³

ND = Not Detected



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LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-104-</u> <u>5</u> <u>SG</u>	<u>1001-104-</u> <u>15</u> <u>SG</u>	<u>1001-105-</u> <u>5</u> <u>SG</u>	<u>1001-105-</u> <u>15</u> <u>SG</u>	<u>1001-111-</u> <u>5</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	102%	104%	103%	104%	100%	60 - 140	
Toluene-d ₈	104%	104%	104%	104%	103%	60 - 140	
4-Bromofluorobenzene	105%	103%	99%	97%	98%	60 - 140	

ND = Not Detected



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LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

**EPA 8260B- Volatile Organics by GC/MS + Oxygenates/
 Volatile Hydrocarbons as Gasoline**

<u>Sample ID:</u>	<u>1001-111-</u>	<u>1001-104-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u> <u>DUP</u>		
Analytes:				
Benzene	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	20	ug/M ³
Bromoform	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	20	ug/M ³
Chloroethane	ND	ND	20	ug/M ³
Chloroform	ND	ND	20	ug/M ³
Chloromethane	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	20	ug/M ³

ND = Not Detected



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Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/21/09
JEL Ref. No.: C-1511
Client Ref. No.: TO-15

Date Sampled: 04/21/09
Date Received: 04/21/09
Date Analyzed: 04/21/09
Physical State: Soil Gas

**EPA 8260B- Volatile Organics by GC/MS + Oxygenates/
 Volatile Hydrocarbons as Gasoline**

<u>Sample ID:</u>	<u>1001-111-</u>	<u>1001-104-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15 SG</u>	<u>5 SG DUP</u>		
Analytes:				
cis-1,2-Dichloroethene	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	20	ug/M ³
Freon 113	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	20	ug/M ³
Naphthalene	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	20	ug/M ³
Styrene	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	20	ug/M ³
Tetrachloroethylene	3380	4190	20	ug/M ³
Toluene	529	ND	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	20	ug/M ³
Trichloroethylene	ND	50	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-111-</u> <u>15</u> <u>SG</u>	<u>1001-104-</u> <u>5</u> <u>SG</u> <u>DUP</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:				
Trichlorofluoromethane	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	20	ug/M ³
Xylenes	ND	ND	20	ug/M ³
MTBE	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	100	ug/M ³
Gasoline	ND	ND	200	ug/M ³
TIC				
n-Propanol	ND	ND	20	ug/M ³
Dilution Factor	1	1		
Surrogate Recovery :			QC Limits	
Dibromofluoromethane	97%	96%	60 - 140	
Toluene-d ₈	104%	103%	60 - 140	
4-Bromofluorobenzene	98%	101%	60 - 140	

ND = Not Detected



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JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore, Inc.	Report Date:	04/21/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1511
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/21/09
		Date Received:	04/21/09
Project	Cal Trans TO-15	Date Analyzed:	04/21/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

Sample Spiked: AMBIENT AIR

<u>Parameter</u>	<u>MS Recovery (%)</u>	<u>MSD Recovery (%)</u>	<u>RPD</u>	<u>Acceptability Range (%)</u>
1,1-Dichloroethylene	147%	149%	1.5%	60 - 140
Benzene	116%	118%	1.9%	60 - 140
Trichloroethylene	96%	98%	1.6%	60 - 140
Toluene	103%	100%	2.1%	60 - 140
Chlorobenzene	103%	99%	4.3%	60 - 140
Gasoline	113%	113%	0.1%	60 - 140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

Chain-of-Custody Record

Client: N+M Date: 4/21/2009
 Project Name: CAL TRANS Client Project #:
 Project Address: 777 N FRONT ST.
BURBANK, CA 91502
 Project Contact: TOMMY

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: N-Prog
 Purge Rate: 200 cc/min

Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)
SOIL GAS FULL VOLUME
 Analysis Requested
 Number of Containers

JEL Project # C-1511
 Page 1 of 2
 Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	SG	X								Remarks/Special Instructions
1001-101-5-SG-1P			4/21/09	07:50	C-1511-1	SG	X							1	
1001-101-5-SG-3P			4/21/09	08:01	C-1511-2	SG	X							1	
1001-101-5-SG-7P			4/21/09	08:27	C-1511-3	SG	X							1	
1001-101-15-SG			4/21/09	09:00	C-1511-4	SG	X							1	
1001-102-5-SG			4/21/09	09:12	C-1511-5	SG	X							1	
1001-102-15-SG			4/21/09	09:30	C-1511-6	SG	X							1	
1001-112-5-SG			4/21/09	09:54	C-1511-7	SG	X							1	
1001-112-15-SG			4/21/09	10:13	C-1511-8	SG	X							1	
1001-103-5-SG			4/21/09	10:30	C-1511-9	SG	X							1	
1001-103-15-SG			4/21/09	10:53	C-1511-10	SG	X							1	

1 Relinquished by (signature) <u>[Signature]</u>	Date <u>4/21/09</u>	2 Received by (signature) <u>[Signature]</u>	Date <u>4/21/09</u>	10	Total Number of Containers
Company <u>Mingo & Moore</u>	Time <u>1300</u>	Company <u>JEL</u>	Time <u>13:00</u>		
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date		
Company	Time	Company	Time		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

Chain-of-Custody Record

Client: N+M Date: 4/21/2009
 Project Name: Cal Trans Client Project #: _____
 Project Address: 777 N Front St
Burbank, CA 91502
 Project Contact: Tommy

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: o-p108
 Purge Rate: 200 cc/min

JEL Project #
C-1511
 Page 2 of 2
 Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested	Number of Containers	Remarks/Special Instructions
1001-104-5-SG			4/21/09	11:09	C-1511-11	SG	X	1	
1001-104-15-SG			4/21/09	11:28	C-1511-12	SG	X	1	
1001-105-5-SG			4/21/09	11:45	C-1511-13	SG	X	1	
1001-105-15-SG			4/21/09	12:04	C-1511-14	SG	X	1	
1001-111-5-SG			4/21/09	12:18	C-1511-15	SG	X	1	
1001-111-15-SG			4/21/09	12:42	C-1511-16	SG	X	1	
1001-104-5-SG DUP			4/21/09	12:57	C-1511-17	SG	X	1	

1 Relinquished by (signature) <u>[Signature]</u>	Date <u>04/21/09</u>	2 Received by (signature) <u>[Signature]</u>	Date <u>4/21/09</u>	7	Total Number of Containers
Company <u>Alingo & Moore</u>	Time <u>1300</u>	Company <u>JEL</u>	Time <u>13:00</u>	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.	
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date		
Company	Time	Company	Time		



JONES ENVIRONMENTAL

LABORATORY REPORT

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1512
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/22/09
		Date Received:	04/22/09
Project	Cal Trans TO-15	Date Analyzed:	04/22/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates
1. EPA 8260B- Volatile Hydrocarbons as Gasoline by GC/MS

Sampling – Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

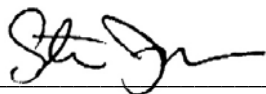
A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 7 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:



Steve Jones, Ph.D.
Laboratory Manager



Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838
(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1512
Client Ref. No.: TO-15

Date Sampled: 04/22/09
Date Received: 04/22/09
Date Analyzed: 04/22/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-107-</u>	<u>1001-107-</u>	<u>1001-106-</u>	<u>1001-106-</u>	<u>1001-108-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	114	ND	78	ND	20	ug/M ³

ND = Not Detected



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Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1512
Client Ref. No.: TO-15

Date Sampled: 04/22/09
Date Received: 04/22/09
Date Analyzed: 04/22/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-107-</u>	<u>1001-107-</u>	<u>1001-106-</u>	<u>1001-</u>	<u>1001-108-</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>	<u>106-</u> <u>15</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	45	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	ND	208	270	361	283	20	ug/M ³
Toluene	ND	395	587	197	149	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1512
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/22/09
		Date Received:	04/22/09
Project	Cal Trans TO-15	Date Analyzed:	04/22/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-107- 5 SG</u>	<u>1001-107- 15 SG</u>	<u>1001-106- 5 SG</u>	<u>1001-106- 15 SG</u>	<u>1001-108- 5 SG</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	100%	98%	97%	95%	94%	60 - 140	
Toluene-d ₈	110%	108%	108%	107%	109%	60 - 140	
4-Bromofluorobenzene	110%	101%	104%	100%	102%	60 - 140	

ND = Not Detected



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LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
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Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1512
Client Ref. No.: TO-15

Date Sampled: 04/22/09
Date Received: 04/22/09
Date Analyzed: 04/22/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-108-</u>	<u>1001-109-</u>	<u>1001-109-</u>	<u>1001-110-</u>	<u>1001-110-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15 SG</u>	<u>5 SG</u>	<u>15 SG</u>	<u>5 SG</u>	<u>15 SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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Report Date: 04/24/09
JEL Ref. No.: C-1512
Client Ref. No.: TO-15

Date Sampled: 04/22/09
Date Received: 04/22/09
Date Analyzed: 04/22/09
Physical State: Soil Gas

**EPA 8260B- Volatile Organics by GC/MS + Oxygenates/
 Volatile Hydrocarbons as Gasoline**

<u>Sample ID:</u>	<u>1001-108-</u> <u>15</u> <u>SG</u>	<u>1001-109-</u> <u>5</u> <u>SG</u>	<u>1001-109-</u> <u>15</u> <u>SG</u>	<u>1001-</u> <u>110-</u> <u>5</u> <u>SG</u>	<u>1001-110-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	141	1340	1570	5070	3470	20	ug/M ³
Toluene	393	147	386	52	374	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1512
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/22/09
		Date Received:	04/22/09
Project	Cal Trans TO-15	Date Analyzed:	04/22/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-108-</u> <u>15</u> <u>SG</u>	<u>1001-109-</u> <u>5</u> <u>SG</u>	<u>1001-109-</u> <u>15</u> <u>SG</u>	<u>1001-110-</u> <u>5</u> <u>SG</u>	<u>1001-110-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	93%	94%	86%	96%	96%	60 - 140	
Toluene-d ₈	112%	111%	121%	111%	106%	60 - 140	
4-Bromofluorobenzene	104%	104%	101%	106%	104%	60 - 140	

ND = Not Detected



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Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-110-</u>	<u>1001-117-</u>	<u>1001-117-</u>	<u>1001-113-</u>	<u>1001-113-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u> <u>DUP</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



JONES ENVIRONMENTAL

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Date Analyzed: 04/22/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-110-</u>	<u>1001-117-</u>	<u>1001-117-</u>	<u>1001-</u>	<u>1001-113-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u> <u>DUP</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>113-</u> <u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>		
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	4970	37800	46700	490	4970	20	ug/M ³
Toluene	57	30	ND	ND	ND	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1512
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/22/09
		Date Received:	04/22/09
Project	Cal Trans TO-15	Date Analyzed:	04/22/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-110-</u>	<u>1001-117-</u>	<u>1001-117-</u>	<u>1001-113-</u>	<u>1001-113-</u>	<u>Practical</u>	<u>Units</u>
	<u>5</u>	<u>25</u>	<u>40</u>	<u>25</u>	<u>40</u>	<u>Limits</u>	
	<u>SG</u>	<u>SG</u>	<u>SG</u>	<u>SG</u>	<u>SG</u>		
	<u>DUP</u>						
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	4	4	4		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	95%	100%	105%	97%	100%	60 - 140	
Toluene-d ₈	106%	110%	105%	109%	109%	60 - 140	
4-Bromofluorobenzene	103%	101%	101%	104%	108%	60 - 140	

ND = Not Detected



Jones Environmental, Inc.

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JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1512
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/22/09
		Date Received:	04/22/09
Project	Cal Trans TO-15	Date Analyzed:	04/22/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

Sample Spiked: AMBIENT AIR

<u>Parameter</u>	<u>MS Recovery (%)</u>	<u>MSD Recovery (%)</u>	<u>RPD</u>	<u>Acceptability Range (%)</u>
1,1-Dichloroethylene	119%	124%	4.4%	60 - 140
Benzene	109%	109%	0.5%	60 - 140
Trichloroethylene	97%	100%	2.2%	60 - 140
Toluene	100%	108%	7.7%	60 - 140
Chlorobenzene	99%	104%	5.6%	60 - 140
Gasoline	105%	110%	3.9%	60 - 140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

Chain-of-Custody Record

Client: Ninjo + Moore
 Project Name: Cal Trans
 Project Address: 777 N. Front St.
Burbank, CA
 Project Contact: Tommy

Date: 04/22/09
 Client Project #:

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: n-propanol
 Purge Rate: 200 cc/min

Analysis Requested

Sample Matrix:
 Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)

8260B
TPH-G

Number of Containers

JEL Project #
C-1512

Page 1 of 2

Lab Use Only

Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Soil (S)	Sludge (SL)	Aqueous (A)	Soil Gas (SG)	Number of Containers	Remarks/Special Instructions
1001-107-5-SG		7Purge Vol.	4/22/09	09:30	C-1512-1	SG	X	X		1	Glass Gastight Syringe
1001-107-15-SG		"	4/22/09	09:50	C-1512-2	SG	X	X		1	"
1001-108-5-SG		"	4/22/09	10:13	C-1512-3	SG	X	X		1	"
1001-108-15-SG		"	4/22/09	10:30	C-1512-4	SG	X	X		1	"
1001-108-5-SG		"	4/22/09	10:50	C-1512-5	SG	X	X		1	"
1001-108-15-SG		"	4/22/09	11:10	C-1512-6	SG	X	X		1	"
1001-109-5-SG		"	4/22/09	11:30	C-1512-7	SG	X	X		1	"
1001-109-15-SG		"	4/22/09	11:50	C-1512-8	SG	X	X		1	"
1001-110-5-SG		"	4/22/09	12:10	C-1512-9	SG	X	X		1	"
1001-110-15-SG		"	4/22/09	12:25	C-1512-10	SG	X	X		1	"

1 Relinquished by (signature) <u>[Signature]</u>	Date <u>04/22/09</u>	2 Received by (signature) <u>[Signature]</u>	Date <u>4/22/09</u>	Total Number of Containers
Company <u>Ninjo & Moore</u>	Time <u>16:18</u>	Company <u>JEL</u>	Time <u>16:16</u>	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

Chain-of-Custody Record

Client Ninyo & Moore		Date 04/22/09
Project Name Cal Trans		Client Project #
Project Address 777 N. Front St. Burbank, CA		Turn Around Requested: <input type="checkbox"/> Immediate Attention <input type="checkbox"/> Rush 24-48 Hours <input type="checkbox"/> Rush 72-96 Hours <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Mobile Lab
Project Contact Tommy		SOIL GAS Purge Vol: <input type="checkbox"/> 1P <input type="checkbox"/> 3P <input checked="" type="checkbox"/> 7P Tracer: n propane Purge Rate: ~200 cc/min

JEL Project #
C-1512

Page **2** of **2**

Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested	Number of Containers	Remarks/Special Instructions
1001-110-5-SG DWP		7 Purge Vol	4/22/09	12:40	C-1512-11	SG	X X	1	Glass Gastight Syringe
1001-117-25-SG		" "	4/22/09	14:20	C-1512-12	SG	X Y	1	"
1001-117-40-SG		" "	4/22/09	14:35	C-1512-13	SG	X X	1	"
1001-113-25-SG		" "	4/22/09	16:05	C-1512-14	SG	X X	1	"
1001-113-40-SG		" "	4/22/09	16:10	C-1512-15	SG	X X	1	"

1 Relinquished by (signature) <i>[Signature]</i>	Date 04/22/09	2 Received by (signature) <i>[Signature]</i>	Date 4/22/09	Total Number of Containers
Company Ninyo & Moore	Time 16:18	Company JEL	Time 16:16	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	



JONES ENVIRONMENTAL

LABORATORY REPORT

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates
1. EPA 8260B- Volatile Hydrocarbons as Gasoline by GC/MS

Sampling – Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

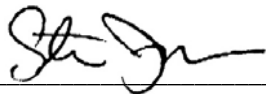
A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 7 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:



Steve Jones, Ph.D.
Laboratory Manager



Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1513
Client Ref. No.: TO-15

Date Sampled: 04/23/09
Date Received: 04/23/09
Date Analyzed: 04/23/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>25</u> <u>SG</u> <u>DUP</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	75	243	186	311	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1513
Client Ref. No.: TO-15

Date Sampled: 04/23/09
Date Received: 04/23/09
Date Analyzed: 04/23/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>1001-115-</u>	<u>1001-</u>	<u>1001-115-</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>115-</u> <u>40</u> <u>SG</u>	<u>25</u> <u>SG</u> <u>DUP</u>		
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	345	694	599	173	772	20	ug/M ³
Toluene	156	80	119	98	112	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	117	169	41	234	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-115-</u> <u>5</u> <u>SG</u>	<u>1001-115-</u> <u>15</u> <u>SG</u>	<u>1001-115-</u> <u>25</u> <u>SG</u>	<u>1001-115-</u> <u>40</u> <u>SG</u>	<u>1001-115-</u> <u>25</u> <u>SG</u> <u>DUP</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	104%	109%	110%	104%	106%	60 - 140	
Toluene-d ₈	103%	106%	101%	107%	106%	60 - 140	
4-Bromofluorobenzene	106%	109%	103%	108%	110%	60 - 140	

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1513
Client Ref. No.: TO-15

Date Sampled: 04/23/09
Date Received: 04/23/09
Date Analyzed: 04/23/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-114-</u>	<u>1001-114-</u>	<u>1001-116-</u>	<u>1001-116-</u>	<u>1001-116-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>15</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	1530	685	296	20	ug/M ³

ND = Not Detected



JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1513
Client Ref. No.: TO-15

Date Sampled: 04/23/09
Date Received: 04/23/09
Date Analyzed: 04/23/09
Physical State: Soil Gas

**EPA 8260B- Volatile Organics by GC/MS + Oxygenates/
 Volatile Hydrocarbons as Gasoline**

<u>Sample ID:</u>	<u>1001-114-</u> <u>25</u> <u>SG</u>	<u>1001-114-</u> <u>40</u> <u>SG</u>	<u>1001-116-</u> <u>40</u> <u>SG</u>	<u>1001-</u> <u>116-</u> <u>25</u> <u>SG</u>	<u>1001-116-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	58	34	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	268	193	241	90	ND	20	ug/M ³
Toluene	99	157	203	155	242	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	1090	1460	1040	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	42	ND	ND	20	ug/M ³

ND = Not Detected



Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-114-</u> <u>25</u> <u>SG</u>	<u>1001-114-</u> <u>40</u> <u>SG</u>	<u>1001-116-</u> <u>40</u> <u>SG</u>	<u>1001-116-</u> <u>25</u> <u>SG</u>	<u>1001-116-</u> <u>15</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	203	ND	242	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	107%	109%	99%	100%	107%	60 - 140	
Toluene-d ₈	106%	100%	110%	108%	104%	60 - 140	
4-Bromofluorobenzene	111%	108%	109%	105%	106%	60 - 140	

ND = Not Detected



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Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1513
Client Ref. No.: TO-15

Date Sampled: 04/23/09
Date Received: 04/23/09
Date Analyzed: 04/23/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-116-</u>	<u>1001-118-</u>	<u>1001-118-</u>	<u>1001-118-</u>	<u>1001-118-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-116-</u>	<u>1001-118-</u>	<u>1001-118-</u>	<u>1001-</u>	<u>1001-118-</u>	<u>Practical</u>	<u>Units</u>
	<u>5</u>	<u>5</u>	<u>15</u>	<u>118-</u>	<u>40</u>	<u>Limits</u>	
	<u>SG</u>	<u>SG</u>	<u>SG</u>	<u>25</u>	<u>SG</u>		
				<u>SG</u>			
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	ND	ND	ND	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	ND	1230	560	4910	27100	20	ug/M ³
Toluene	231	ND	107	ND	ND	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	581	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	ND	ND	ND	ND	22	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-116-</u> <u>5</u> <u>SG</u>	<u>1001-118-</u> <u>5</u> <u>SG</u>	<u>1001-118-</u> <u>15</u> <u>SG</u>	<u>1001-118-</u> <u>25</u> <u>SG</u>	<u>1001-118-</u> <u>40</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	4	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	106%	106%	97%	106%	103%	60 - 140	
Toluene-d ₈	106%	98%	104%	98%	102%	60 - 140	
4-Bromofluorobenzene	109%	100%	95%	100%	102%	60 - 140	

ND = Not Detected



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QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1513
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/23/09
		Date Received:	04/23/09
Project	Cal Trans TO-15	Date Analyzed:	04/23/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

Sample Spiked: AMBIENT AIR

<u>Parameter</u>	<u>MS Recovery (%)</u>	<u>MSD Recovery (%)</u>	<u>RPD</u>	<u>Acceptability Range (%)</u>
1,1-Dichloroethylene	124%	129%	3.9%	60 - 140
Benzene	113%	108%	4.3%	60 - 140
Trichloroethylene	98%	101%	3.8%	60 - 140
Toluene	115%	119%	3.2%	60 - 140
Chlorobenzene	109%	105%	3.7%	60 - 140
Gasoline	112%	113%	0.8%	60 - 140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

Chain-of-Custody Record

Client: Ninyo & Moore
 Project Name: Cal Trans
 Project Address: 777 N. Front St.
Burbank, CA
 Project Contact: Tommy

Date: 04/23/09
 Client Project #: _____

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: N Propane
 Purge Rate: ~200 cc/min

JEL Project #: C-1513
 Page 1 of _____
 Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Analysis Requested
 Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)
BZ603
TPH-G
 Number of Containers

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Soil (S)	Sludge (SL)	Aqueous (A)	Soil Gas (SG)	Number of Containers	Remarks/Special Instructions
1001-115-5-SG		7 Purge Vol.	4/23/09	09:00	C-1513-1	SG	X	X		1	Glass Gaslight Syringe
1001-115-15-SG		"	4/23/09	09:15	C-1513-2	SG	X	X		1	"
1001-115-25-SG		"	4/23/09	09:30	C-1513-3	SG	X	X		1	"
1001-115-40-SG		"	4/23/09	09:45	C-1513-4	SG	X	X		1	"
1001-115-25-SG DUP		"	4/23/09	10:03	C-1513-5	SG	X	X		1	"
1001-114-25-SG		"	4/23/09	10:22	C-1513-6	SG	X	Y		1	"
1001-114-40-SG		"	4/23/09	10:40	C-1513-7	SG	X	X		1	"
1001-116-40-SG		"	4/23/09	11:10	C-1513-8	SG	X	X		1	"
1001-116-25-SG		"	4/23/09	11:30	C-1513-9	SG	X	X		1	"
1001-116-15-SG		"	4/23/09	12:35	C-1513-10	SG	X	X		1	"

1 Relinquished by (signature) <u>Tommy</u>	Date <u>4/23/09</u>	2 Received by (signature) <u>JEL</u>	Date <u>4/23/09</u>	Total Number of Containers
Company <u>Ninyo & Moore</u>	Time <u>15:35</u>	Company <u>JEL</u>	Time <u>15:35</u>	
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
Company	Time	Company	Time	

Chain-of-Custody Record

Client: Ningo & Moore
 Date: 04/23/09
 Project Name: Cal Trans
 Client Project #: _____
 Project Address: 777 N. Front St.
Burbank, CA
 Project Contact: Tommy

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: n-propanol
 Purge Rate: -200 cc/min

JEL Project # C-1513
 Page 2 of 2
 Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested	Number of Containers	Remarks/Special Instructions
1001-116-5-SG		7Purge Vol.	4/23/09	12:51	C-1513-11	SG	X X	1	Glass Gastight Syringes
1001-118-5-SG		" "	4/23/09	14:00	C-1513-12	SG	X X	1	" "
1001-118-15-SG		" "	4/23/09	14:19	C-1513-13	SG	X X	1	" "
1001-118-25-SG		" "	4/23/09	14:35	C-1513-14	SG	X X	1	" "
1001-118-40-SG		" "	4/23/09	14:55	C-1513-15	SG	X X	1	" "

1 Relinquished by (signature) <u>Tommy Moore</u>	Date <u>4/23/09</u>	2 Received by (signature) <u>[Signature]</u>	Date <u>4/23/09</u>	Total Number of Containers
Company <u>Ningo & Moore</u>	Time <u>15:35</u>	Company <u>JEL</u>	Time <u>15:35</u>	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	



JONES ENVIRONMENTAL

LABORATORY REPORT

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1514
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/24/09
		Date Received:	04/24/09
Project	Cal Trans TO-15	Date Analyzed:	04/24/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

- 1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates
- 1. EPA 8260B- Volatile Hydrocarbons as Gasoline by GC/MS

Sampling – Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 7 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager



Jones Environmental, Inc.

Testing Laboratories

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(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1514
Client Ref. No.: TO-15

Date Sampled: 04/24/09
Date Received: 04/24/09
Date Analyzed: 04/24/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-119-</u>	<u>1001-119-</u>	<u>1001-119-</u>	<u>1001-119-</u>	<u>1001-120-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
Benzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	124	398	725	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³

ND = Not Detected



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Testing Laboratories

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1514
Client Ref. No.: TO-15

Date Sampled: 04/24/09
Date Received: 04/24/09
Date Analyzed: 04/24/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-119-</u>	<u>1001-119-</u>	<u>1001-119-</u>	<u>1001-</u>	<u>1001-120-</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
	<u>5</u> <u>SG</u>	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>119-</u> <u>40</u> <u>SG</u>	<u>5</u> <u>SG</u>		
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Freon 113	ND	52	ND	96	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	2000	3050	5270	7750	10000	20	ug/M ³
Toluene	ND	103	100	ND	335	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	795	ND	5710	6920	22	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1514
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/24/09
		Date Received:	04/24/09
Project	Cal Trans TO-15	Date Analyzed:	04/24/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-119-</u> <u>5</u> <u>SG</u>	<u>1001-119-</u> <u>15</u> <u>SG</u>	<u>1001-119-</u> <u>25</u> <u>SG</u>	<u>1001-119-</u> <u>40</u> <u>SG</u>	<u>1001-120-</u> <u>5</u> <u>SG</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	ND	200	ug/M ³
TIC							
n-Propanol	ND	ND	ND	ND	ND	20	ug/M ³
Dilution Factor	1	1	1	1	1		
Surrogate Recovery :						QC Limits	
Dibromofluoromethane	100%	100%	98%	98%	102%	60 - 140	
Toluene-d ₈	109%	107%	104%	106%	107%	60 - 140	
4-Bromofluorobenzene	105%	104%	101%	103%	105%	60 - 140	

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client: Ninyo & Moore, Inc.
Client Address: 475 Goddard, Suite 200
 Irvine, CA 92618

Attn: Nancy Anglin

Project: Cal Trans TO-15
Project Address: 777 N. Front Street., Burbank, CA

Report Date: 04/24/09
JEL Ref. No.: C-1514
Client Ref. No.: TO-15

Date Sampled: 04/24/09
Date Received: 04/24/09
Date Analyzed: 04/24/09
Physical State: Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>5</u> <u>SG</u> <u>DUP</u>		
Analytes:						
Benzene	ND	ND	ND	ND	20	ug/M ³
Bromobenzene	ND	ND	ND	ND	20	ug/M ³
Bromodichloromethane	ND	ND	ND	ND	20	ug/M ³
Bromoform	ND	ND	ND	ND	20	ug/M ³
n-Butylbenzene	ND	ND	ND	ND	20	ug/M ³
sec-Butylbenzene	ND	ND	ND	ND	20	ug/M ³
tert-Butylbenzene	ND	ND	ND	ND	20	ug/M ³
Carbon tetrachloride	ND	ND	ND	ND	20	ug/M ³
Chlorobenzene	ND	ND	ND	ND	20	ug/M ³
Chloroethane	ND	ND	ND	ND	20	ug/M ³
Chloroform	ND	ND	ND	ND	20	ug/M ³
Chloromethane	ND	ND	ND	ND	20	ug/M ³
2-Chlorotoluene	ND	ND	ND	ND	20	ug/M ³
4-Chlorotoluene	ND	ND	ND	ND	20	ug/M ³
Dibromochloromethane	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	20	ug/M ³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	20	ug/M ³
Dibromomethane	ND	ND	ND	ND	20	ug/M ³
1,2- Dichlorobenzene	ND	ND	ND	ND	20	ug/M ³
1,3-Dichlorobenzene	ND	ND	ND	ND	20	ug/M ³
1,4-Dichlorobenzene	ND	ND	ND	ND	20	ug/M ³
Dichlorodifluoromethane	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethane	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloroethane	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloroethene	ND	109	171	ND	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1514
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/24/09
		Date Received:	04/24/09
Project	Cal Trans TO-15	Date Analyzed:	04/24/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-120-</u> <u>15</u> <u>SG</u>	<u>1001-120-</u> <u>25</u> <u>SG</u>	<u>1001-120-</u> <u>40</u> <u>SG</u>	<u>1001-</u> <u>120-</u> <u>5</u> <u>SG</u> <u>DUP</u>	<u>Practical</u> <u>Quantitation</u> <u>Limits</u>	<u>Units</u>
Analytes:						
cis-1,2-Dichloroethene	ND	ND	ND	ND	20	ug/M ³
trans-1,2-Dichloroethene	ND	ND	ND	ND	20	ug/M ³
1,2-Dichloropropane	ND	ND	ND	ND	20	ug/M ³
1,3-Dichloropropane	ND	ND	ND	ND	20	ug/M ³
2,2-Dichloropropane	ND	ND	ND	ND	20	ug/M ³
1,1-Dichloropropene	ND	ND	ND	ND	20	ug/M ³
cis-1,3-Dichloropropene	ND	ND	ND	ND	20	ug/M ³
trans-1,3-Dichloropropene	ND	ND	ND	ND	20	ug/M ³
Ethylbenzene	ND	ND	ND	ND	20	ug/M ³
Freon 113	118	165	195	ND	20	ug/M ³
Hexachlorobutadiene	ND	ND	ND	ND	20	ug/M ³
Isopropylbenzene	ND	ND	ND	ND	20	ug/M ³
4-Isopropyltoluene	ND	ND	ND	ND	20	ug/M ³
Methylene chloride	ND	ND	ND	ND	20	ug/M ³
Naphthalene	ND	ND	ND	ND	20	ug/M ³
n-Propylbenzene	ND	ND	ND	ND	20	ug/M ³
Styrene	ND	ND	ND	ND	20	ug/M ³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	20	ug/M ³
1,1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	20	ug/M ³
Tetrachloroethylene	6760	9020	3150	9790	20	ug/M ³
Toluene	209	190	329	320	20	ug/M ³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	20	ug/M ³
1,1,1-Trichloroethane	ND	ND	ND	ND	20	ug/M ³
1,1,2-Trichloroethane	ND	ND	ND	ND	20	ug/M ³
Trichloroethylene	158	589	198	ND	20	ug/M ³

ND = Not Detected



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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1514
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/24/09
		Date Received:	04/24/09
Project	Cal Trans TO-15	Date Analyzed:	04/24/09
Project Address:	777 N. Front Street., Burbank, CA	Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/

Volatile Hydrocarbons as Gasoline

<u>Sample ID:</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>1001-120-</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
	<u>15</u> <u>SG</u>	<u>25</u> <u>SG</u>	<u>40</u> <u>SG</u>	<u>5</u> <u>SG</u> <u>DUP</u>		
Analytes:						
Trichlorofluoromethane	ND	ND	ND	ND	20	ug/M ³
1,2,3-Trichloropropane	ND	ND	ND	ND	20	ug/M ³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	20	ug/M ³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	20	ug/M ³
Vinyl chloride	ND	ND	ND	ND	20	ug/M ³
Xylenes	ND	ND	ND	ND	20	ug/M ³
MTBE	ND	ND	ND	ND	20	ug/M ³
Ethyl-tert-butylether	ND	ND	ND	ND	20	ug/M ³
Di-isopropylether	ND	ND	ND	ND	20	ug/M ³
tert-amylmethylether	ND	ND	ND	ND	20	ug/M ³
tert-Butylalcohol	ND	ND	ND	ND	100	ug/M ³
Gasoline	ND	ND	ND	ND	200	ug/M ³
TIC						
n-Propanol	ND	ND	ND	ND	20	ug/M ³
<u>Dilution Factor</u>	1	1	1	1		
<u>Surrogate Recovery :</u>					<u>QC Limits</u>	
Dibromofluoromethane	98%	97%	97%	98%	60 - 140	
Toluene-d ₈	106%	104%	107%	104%	60 - 140	
4-Bromofluorobenzene	104%	102%	101%	104%	60 - 140	

ND = Not Detected



Jones Environmental, Inc.

Testing Laboratories

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(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore, Inc.	Report Date:	04/24/09
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	JEL Ref. No.:	C-1514
		Client Ref. No.:	TO-15
Attn:	Nancy Anglin	Date Sampled:	04/24/09
Project	Cal Trans TO-15	Date Received:	04/24/09
Project Address:	777 N. Front Street., Burbank, CA	Date Analyzed:	04/24/09
		Physical State:	Soil Gas

EPA 8260B- Volatile Organics by GC/MS + Oxygenates/ Volatile Hydrocarbons as Gasoline

Sample Spiked: AMBIENT AIR

<u>Parameter</u>	<u>MS Recovery (%)</u>	<u>MSD Recovery (%)</u>	<u>RPD</u>	<u>Acceptability Range (%)</u>
1,1-Dichloroethylene	131%	130%	0.4%	60 - 140
Benzene	111%	114%	2.3%	60 - 140
Trichloroethylene	96%	96%	0.3%	60 - 140
Toluene	104%	106%	1.6%	60 - 140
Chlorobenzene	102%	104%	1.9%	60 - 140
Gasoline	109%	110%	1.1%	60 - 140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

Chain-of-Custody Record

Client: N+M Date: 4/24/2009
 Project Name: _____ Client Project #: _____
 Project Address: 777 North Front St
Burbank CA
 Project Contact: Tommy

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

SOIL GAS
 Purge Vol: 1P 3P 7P
 Tracer: n-prop
 Purge Rate: 200 cc/min

Analysis Requested
 Sample Matrix: SOIL GAS
 Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)
SOIL GAS FULL + TPH
 Number of Containers

JEL Project # C-1514
 Page 1 of _____
 Lab Use Only
 Sample Condition as Received:
 Chilled yes no
 Sealed yes no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix	Soil (S)	Sludge (SL)	Aqueous (A)	Soil Gas (SG)	Number of Containers	Remarks/Special Instructions
1001-119-5-SG			4/24/09	7:20	C-1514-1	SG	X				1	
1001-119-15-SG			4/24/09	7:37	C-1514-2	SG	X				1	
1001-119-25-SG			4/24/09	7:55	C-1514-3	SG	X				1	
1001-119-40-SG			4/24/09	8:15	C-1514-4	SG	X				1	
1001-120-5-SG			4/24/09	8:32	C-1514-5	SG	X				1	
1001-120-15-SG			4/24/09	8:50	C-1514-6	SG	X				1	
1001-120-25-SG			4/24/09	9:07	C-1514-7	SG	X				1	
1001-120-40-SG			4/24/09	9:27	C-1514-8	SG	X				1	
1001-120-5-SG Deep			4/24/09	9:45	C-1514-9	SG	X				1	

1 Relinquished by (signature) <u>Tommy</u>	Date <u>4/24/09</u>	2 Received by (signature) <u>Colby Lee Wan</u>	Date <u>4/24/09</u>	9	Total Number of Containers
Company <u>Ningo + Moore</u>	Time <u>10:15</u>	Company <u>JEL</u>	Time <u>10:15</u>		
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.	
Company	Time	Company	Time		

APPENDIX D
DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST 1. Generator ID Number Not Required 2. Page 1 of 1 3. Emergency Response Phone (562) 786-8200 4. Waste Tracking Number 010728

5. Generator's Name and Mailing Address: Dept. of Transportation, Dist. 7, OEECS... 100 S. Main Street, 12th Floor, MS-16 Los Angeles Ca. Generator's Site Address (if different than mailing address): Project Location: 777 N. Front Street, Burbank, California

6. Transporter 1 Company Name: KM Industrial, Inc. U.S. EPA ID Number: CAL000274783

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Crosby & Overton 1630 W. 16th St. Long Beach CA 90813 562-432-5445 U.S. EPA ID Number: CAD028408019

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non Hazardous Waste Liquids	1	DM	30	G
2. Non-Hazardous Waste Solids	156	DM	6000	P
3.				
4.				

13. Special Handling Instructions and Additional Information: Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency telephone number (562) 786-8200. 9b(1) Profile #: 80044 9b(2) Profile #: 80045 KM Job #: 40387 Appointment #: 060509 Time: 1330 Hours D13602

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name: Jack Liu On Behalf of Dept. of Transportation Signature: [Signature] Month: 5 Day: 27 Year: 09

15. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials: Transporter 1 Printed/Typed Name: Joe Goff Signature: [Signature] Month: 06 Day: 05 Year: 08

17. Discrepancy: 17a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection Manifest Reference Number: U.S. EPA ID Number:

17b. Alternate Facility (or Generator): Facility's Phone: 17c. Signature of Alternate Facility (or Generator): Month: Day: Year:

18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in Item 17a. Printed/Typed Name: Laura Christensen Signature: [Signature] Month: 06 Day: 05 Year: 09

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

APPENDIX E
ACCESS DATABASE

APPENDIX F

**PETROLEUM CONTAMINATED SOIL CALCULATIONS AND CONTAMINATION
RELATED CONSTRUCTION COSTS**

TABLE F1 – PETROLEUM CONTAMINATED SOIL VOLUME CALCULATIONS

Area	Volume
Surface to 2 feet below ground surface	1200 x 60 x 2 feet = 144,000 cubic feet ≈ 5,500 cubic yards
2 to 20 feet below ground surface North portion South portion	180 x 75 x 18 feet = 294,300 cubic feet ≈ 11,000 cubic yards + 75 x 38 x 18 feet
Total Volume	438,300 cubic feet ≈ 16,500 cubic yards

TABLE F2 – COSTS FOR EXCAVATION AND VAPOR MONITORING OF SOIL

Work Plan/Sampling and Analysis Plan/Health and Safety Plan/Soil Management Plan	\$8,000.00
Permitting	\$5,000.00
Excavation and Loading (assumes up to 30 field days)	\$60,000.00
Management, Field Observation, and Vapor Monitoring (assumes up to 30 field days)	\$60,000.00
Laboratory Testing	\$5,000.00
Reporting	\$6,000.00
TOTAL	\$144,000.00
Estimate based on 2009 rates and assumes no more than 30 days of field activities	

TABLE F3 – RANGE OF COSTS FOR TRANSPORT AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

Transport of up to 24,750 tons of soil to be used as daily cover at the County Sanitation Scholl Canyon Landfill in Glendale, California at \$45.00/ton. Soil can not contain TPH concentrations in excess of 1,000 mg/kg. Soil must be brought in end dumps. Soil containing TPH detections greater than ND but less than 1,000 mg/kg must be permitted by the RWQCB and may not contain odors or it will be rejected.	Transportation	\$866,250.00	
	Disposal	\$247,500.00	
	Total	<u>\$1,113,750.00</u>	≈ \$67.50 /cubic yard
Transport of up to 24,750 tons of soil to be treated at Thermal Remediation Services in Adelanto, California at \$70.00/ton.	Transportation	\$594,000.00	
	Disposal	\$977,625.00	
	Total	<u>\$1,571,625.00</u>	≈ \$95.25 /cubic yard
Transport and disposal of up to 24,750 tons of soil at the Sunshine Class III landfill in Sylmar, California at \$75.00/ton. Soil can not contain TPH concentrations in excess of 100 mg/kg. Soil may not contain odors or it will be rejected.	Transportation	\$1,113,750.00	
	Disposal	\$742,500.00	
	Total	<u>\$1,856,250.00</u>	≈ \$112.50 /cubic yard
Estimate based on 2009 rates and assumes no more than 16,500 cubic yards/24,750 tons of petroleum contaminated soil.			

APPENDIX G
SITE CLEAN UP GOALS

TABLE 1
Phase 2 Targeted Soil Cleanup Levels

Depth Below Land Surface (Feet)	Targeted Cleanup Level (ug/kg) ^{-a-}				Equivalent Soil Gas Concentration (ug/L) ^{-b-}			
	PCE	TCE	1,1,1-TCA	1,1-DCE	PCE	TCE	1,1,1-TCA	1,1-DCE
0 - 10	78	78	3,112	93	86	35	475	187
10 - 20	63	63	2,520	76	71	28	385	150
20 - 30	48	48	1,928	58	55	20	295	120
30 - 40	34	34	1,354	41	38	15	205	80
40 - 50	20	20	780	23	22	10	120	50
50 - 60	18	18	700	21	20	9	105	45
60 - 70	9	9	352	11	10	6	55	25
70 - 80	6	6	248	7	7	4	40	15
80 - water table	5	5	200	6	6	3	30	12

Notes:

^{-a-} Targeted cleanup goals (HGC, 1996)

^{-b-} Equivalent mass calculated from equation 14, Appendix A of Interim Site Assessment and Cleanup Guidebook (California Regional Water Quality Control Board, 1996)

TABLE 2
Maximum Soil Screening Levels for Petroleum Hydrocarbons

Compound	Maximum Soil Screening Level		Equivalent Soil Gas Concentration	
	80 Feet ^{-a-}	20 Feet ^{-a-}	80 Feet ^{-a-}	20 Feet ^{-a-}
	mg/kg		µg/L	
Benzene	0.033	0.011	15.0	5.0
Toluene	2.0	0.3	528	79.2
EthylBenzene	7.0	0.7	2,450	245
Total Xylenes	20	1.75	7,150	625
TPH, as gasoline	500	500	2,300	2,300

Notes:

^{-a-} Distance in feet above water table

µg/L: micrograms per liter

mg/kg Milligrams per kilogram

Soil screening levels from Table 1-4 of Interim Site Assessment and Cleanup Guidebook

Equivalent mass calculated from equation 14, Appendix A of Interim Site Assessment and Cleanup Guidebook
(California Regional Water Quality Control Board, 1996)