AEH Project No.
AVRY 607A

ATKINS ENVIRONMENTAL H.E.L.P., INC.

Phase II Environmental Site Assessment & Subsurface Investigation Report

For the Property Located at:

22520 Lyons Avenue (APN #2831-007-025) and
22515 9th Street (APN #2831-007-023)
Santa Clarita, California

Prepared for:

Mr. Gary Avery
22777 Lyons Avenue, #203
Santa Clarita, CA 91321

Date:

February 28, 2008

P.O Box 222320 . Santa Clarita . CA 91322-2320
661.260.2260 • 800.750.0622 • Fax 661.253.3555 • www.atkinsenvironmental.com

Final Report

Table of Contents

1.0 Site Information 3

2.0 Facility Maps 5

3.0 Geology and Hydrogeology 5

4.0 Sampling 6

5.0 Chain of Custody 9

6.0 Laboratory Results 10

7.0 Boring Logs 11

8.0 Permits 11

9.0 Manifests 12

10.0 Plume Illustration 12

11.0 Residual Contamination 12

12.0 Quarterly Progress Reports 13

13.0 Conclusions and Recommendations 13

14.0 Professional Certification 14

Appendix A – Vicinity Map

Appendix B – Site/Facility Maps (soil matrix and soil vapor sample location maps)

Appendix C – Summaries of Analytical and Original Laboratory Results

Appendix D – Chains of Custody and QA/QC Data

Appendix E – Non-Hazardous Soils Manifest and Weighmaster (Recycling) Certificate

Appendix F – Site Photographs

1.0 Site Information

1.1 *Site Address and Responsible Party*

The target property, County Assessor's Parcel #2831-007-025 is located on Lyons Avenue just east of San Fernando Road and #2831-007-023 is located on the northeast corner of 9th Street and San Fernando Road in Newhall, California. The Lyons Avenue location is comprised of a single commercial/retail building, with adjoining service bays. The 9th Street location is comprised of a single automotive garage (metal building) with an interior office and an adjacent parking area on the east side of the garage. This assessment has been prepared for and any inquiries regarding these properties should be directed to Mr. Gary Avery at (661) 799-9120.

1.2 *Summary of Site History Relative to the Investigation*

Reportedly, this entire city block served as a lumberyard (Newhall Lumber) before the land use changed to auto rental service and repair. Currently, the Lyons Avenue site is comprised of automotive service bays and commercial/retail building. Insurance Auto Collision Center has been, and continues to be home for auto related facilities, and has operated a paint and body shop at this location for more than ten years. Vehicle washing occurs on a limited basis and centers on a specific concrete slab inside one of the service bays/spray booth.

The 9th Street site is occupied by Automotive Technology, an automotive repair garage with 3 above ground lifts. The adjacent parking area is used for storage of automobiles waiting for repair or salvage.

1.3 *Past and Present Business Activities*

As stated in 1.2 above, the Lyons Avenue site is currently occupied by automotive service bays and commercial/retail building. The commercial/retail building and service bays are located at 22520 Lyons Avenue (APN #2831-007-025). The commercial/retail and service bays have been occupied by Insurance Auto Collision Center for at least the past 10 years. The location was originally developed for commercial/industrial use in 1948 at which time square footage was established at 2,300 sq. ft. Improvements were made in both 1968 and 1981 bringing the total square footage to 6,900.

The 9th Street location is occupied by Automotive Technology as an automotive repair and storage facility. The location was originally developed for commercial/industrial use in 1968 at which time square footage was established at 3,400 sqare feet.

1.4 *Description of the Surrounding Community*

The buildings surrounding the target property are utilized in much the same manner as the property in question. To the north of the subject site is Lyons Avenue with an automotive repair location on it's northern boundary, to the west is San Fernando Road with various retail establishments on it's western boundary. South of the target property are similar commercial and industrial buildings and east of the site is Railroad Avenue followed by the railroad tracks.

1.5 *Storage, Handling, Usage & Disposal Procedures of all Site Chemicals*

As the site of an automobile repair, body and paint shop, petroleum hydrocarbons are handled, used and/or stored for disposal. As an automotive paint/body shop, the very likely possibility exists for contamination from solvents (volatile organic compounds), lead and/or acid contamination caused by leaking batteries or automobile paint residual related waste, etc. Upon site inspection other areas of potential VOC or hydrocarbon impact (surface staining) were identified with soil samples extracted for analysis.

1.6 *Dates of Building and Paving Completion*

The buildings associated with the target property (Insurance Auto Collision Center and Automotive Technology) were completed is 1948 and 1968 respectively. Additions and/or improvements were made in 1968 and 1981 to what was originally a lumberyard and warehouse. The majority of paving was completed with building construction or in limited amounts shortly after completion. Virtually 100% of the target property is paved and has been paved for at least the last 15 years.

1.7 *Proposed Future Uses of the Area Relative to the Hydrocarbon Impact*

At the present time, tenants have established leases and no immediate change in land use is anticipated. Based on the analytical results obtained, elevated hydrocarbon concentrations (gasoline and diesel only) were detected in borings B-2, and B-7 (22520 Lyons Ave.) at 15' below ground surface (bgs). Sample B-7 at 20' also indicated elevated hydrocarbon concentrations (gasoline and diesel only). Further sampling and analysis indicate a localized hydrocarbon release with impacted soil volume estimated of 20 cubic yards, located between 10' and 25' bgs. This material can be excavated at the time of redevelopment.

The soil vapor survey was performed in a modified grid across the two parcels. This screening tool was used to determine if past solvent, fuel and painting activities resulted in subsurface impact. Soil vapor survey results were negative (no related VOC compounds were above detection limits).

Essentially these two parcels are part of a city block which will now be under one owner with plans for redevelopment into commercial/retail and multi-dwelling residential land use. The hydrocarbon impact described above should not represent an impediment to these future land use plans. The tiny hydrocarbon impact identified does not represent the potential for health effects to future tenants. This would be the case even if this impact was not able to be removed, and was considered residual. Nonetheless, removal is contemplated.

2.0 Facility Maps

2.1 *Vicinity Map* - **Appendix A** shows the site location relative to the surrounding area. This map is based on the Thomas Guide, Los Angeles and Orange County 2005 Edition. Specifically, please see page 4640, grid J1.

2.2 *Site Maps (Soil Vapor Sampling and Soil Matrix Boring Locations)* – **Appendix B** includes soil vapor and soil matrix sampling locations relative to the areas of known/suspected subsurface hydrocarbon impact in a grid across each parcel. There are individual maps depicting soil vapor sampling locations on each parcel (two drawings).

There are also individual maps showing soil matrix sampling locations (one full site map and one for each parcel – three drawings).

A total of six drawings depict this project.

3.0 Geology & Hydrogeology

3.1 **Geology** – According to a registered geologist consulted for this project (by EDR), the geologic age of the formations would best be characterized as the Cenozoic Era, Tertiary System, and Pliocene Series. A reference for this information is the Geologic Age and Rock Statigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1 inch = 2,500,000 feet scale – a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS – 11 (1994).

Under the GeoCheck Section of the EDR database reviewed, the soil component is known as the CIENEBA. The surface texture is loam. Hydrologic Group is a Class C – slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures can be expected. The Soil Drainage Class is somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth-to-water table is estimated at 76 feet bgs (Los Angeles County Department of Public Works, Groundwater Data). Hydric Status –

soil does not meet the requirements for a hydric soil. Corrosion Potential – Uncoated Steel – is moderate. For a more accurate description of the soils and their uniform classification, please see the soils report being prepared by Rybak Geotechnical.

3.2 ***Hydrogeology*** – In November 2006, depth to groundwater in the site vicinity was measured at 38.0 ft. (bgs) at Well #4N16W35L01. The ground surface elevation of the well was 1,249.0 ft. Groundwater was not encountered at the site during soil boring activities and sample extraction.

4.0 Sampling

4.1 Soil Vapor Survey

Sampling Method

Sampling was performed by hydraulically pushing 1/2" galvanized steel soil vapor probes to a depth of 5.0 feet bgs. An electric rotary hammer drill was used to drill a 1.0-inch hole through the overlying pavement to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location an electric vacuum pump (set to draw 0.2 liters/min of soil vapor at a maximum vacuum of 100" of water) was attached to the probe and purged prior to sample collection. Vapor samples were obtained in Hamilton gas-tight syringes by puncturing silicone tubing which connects the sampling probe and the vacuum pump. New silicone tubing was used at each sampling point to prevent cross contamination. Samples were immediately injected into an onboard gas chromatograph after collection. New sampling probes were used after each sample with positive results. Equipment blanks using ambient air were collected throughout the day. If significant contamination is detected in these blanks, corrective actions would be taken to identify and eliminate the source, if possible.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Flame Ionization Detector (FID) and an Electron Capture Detector (ECD). Restec wide bore capillary columns using hydrogen as the carrier gases were used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's PC based chromatographic data collection and handling system.

Quality Assurance 3-Point Calibration

An initial 3-point calibration was performed on September 6, 2007 by preparing a calibration solution from a pre-mixed standard supplied by Supelco, Inc. The standard contained 19 common halogenated solvents and 11 aromatic hydrocarbons plus Methane (see Table 1). The individual compound concentrations in the standards ranged between 0.025 ng/ul and 0.25 ng/ul.

The initial three point calibrations consisted of 20, 100 and 500 ul injections of the calibration solutions. A calibration factor on each analyte was generated using a best fit line method using the HP data system. If the r^2 factor generated from this line was not greater than 0.990, an additional three point calibration would have been performed. Method detection limits were calculated to be 1.0 ug/L for the individual compounds.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Methane

Sample Replicates

A replicate analysis (duplicate) is run when concentrations exceed the calibrated range of the instrument/detector being used. The duplicate sample is diluted using a smaller injection volume to assure that the instrument response falls within 50% of the calibrated range. In addition, a duplicate analysis is run a minimum of once each day to evaluate the reproducibility of the sampling system and instrument. If the difference between samples varies more than 20%, the entire system is evaluated and the inconsistency is determined and corrected, if possible.

Equipment Blanks

Blanks are run at the beginning of each workday, after calibrations and whenever sampling conditions appear to change. New vapor probes are used following each sample with positive results or when probes were damaged during installation. The blanks are collected using an ambient

air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Subsurface Conditions

Subsurface soil conditions at this site were predominantly sandy from ground surface to 5.0 feet below ground surface. These soil conditions offered sampling flows at 0-10" water vacuum. Depth to groundwater was unknown at the time of the investigation.

Results

During this vapor investigation none of the compounds listed in Table 1 (above) were detected in excess of the listed detection limits. A complete table of analytical results is included with this report in **Appendix C**.

4.2 Soil Matrix Sampling

Geotechnical Split Samples

An initial grid of four soil sample points were located across the entire property. Boring location was selected to enable geotechnical soil characterization across the site and proper subsurface environmental investigation. Martini Drilling took these samples utilizing a hollow stem auger. This sampling technique enables both appropriate geotechnical evaluation and the environmental investigator the ability to establish whether a *recognized environmental condition* exists. It also begins the process of identifying the vertical and lateral extent of migration of contaminants if appropriate. These sample points were evenly distributed throughout the property. Soil samples were capped, labeled and shipped on ice to a State Certified environmental testing laboratory.

An additional three soil sample locations were selected to complete this initial subsurface environmental assessment. In each boring, samples were collected from 5, 10 and 15 feet bgs. In one of the three additional borings samples were drawn every 5 feet to a total depth of 40 feet. All samples were submitted to a state-certified laboratory. With the exception of B2, where soil discoloration was noted, samples taken at 10 and 15 feet bgs were held pending results from the sample taken at 5 feet. All four samples (B1-5', B2-5', B3-5' and B4-5') were subjected to CAM Metals analysis using EPA Method 6010B/7471A, a full range carbon scan for diesel, oil and gasoline (EPA Method 8015M), analysis for the presence of volatile organic compounds (EPA Method 8260B) and soil pH (EPA Method 9045C).

Step Out Sampling

In follow-up to the work done in August 2007, step-out soil samples were gathered in three 40' borings in December 2007. These three borings (B8, B9, B10) were intended to identify the vertical and lateral extent of migration of contaminants discovered in B2. Sampling in them was performed at five foot intervals to a total depth of 40' bgs. EPA Method 8015M full range carbon scan for diesel, oil and gasoline and VOC analysis by EPA Method 8260B was performed on all 24 samples. Metals analysis by EPA Method 6010B/7471A was performed on the 15' and 20' samples in each of these three step-out borings.

Results

On completion of the fieldwork, this written report was prepared containing field observations, laboratory data, conclusions, and recommendations. The report also contains copies of analytical data with chain-of-custody documentation, as well as site sketches, and other graphics as needed. Isoconcentration maps for each identified VOC compound would normally be included as part of the soil vapor or soil matrix investigations, but no VOC contamination was identified obviating the need for such maps. The format follows the ASTM standard E-1903-97 but more specifically the "Guidelines for Report Submittals" published by the LA County Department of Public Works, Environmental Programs Division (June 1993). This agency is responsible for issuing no further action letters for underground tank site mitigation projects. The localized subsurface hydrocarbon impact identified by this soil sampling and analysis appears related to the former presence of a waste oil tank.

5.0 Chain of Custody

5.1 *Dates and Times of Sampling and Receiving –*

Initial soil sampling occurred on August 25, 2007 between 8:30 a.m. and 5:00 p.m. Samples were hand delivered and relinquished on August 27, 2007 at approximately 11:10 a.m.

Soil vapor samples were obtained on September 6, 2007 in gas-tight glass syringes. Each was immediately injected into the onboard gas chromatograph and analyzed for the presence of VOC's, obviating the need for a Chain of Custody.

The second round of soil sampling was performed on December 3, 2007, between 7:00 a.m. and 2:00 p.m. These samples were picked up by an American Environmental Testing Laboratory (AETL) representative the same day.

5.2 *Sample ID Correlating to Field and Laboratory ID –*

Please see **Appendix C**.

5.3 *Signatures of Personnel Relinquishing and Receiving Samples -*

The signature of Mr. B.J. Atkins who oversaw the sampling, provided sample transport and relinquished the samples to the laboratory sample receiving representative is affixed at the bottom of the chain of custody forms. The signature of the laboratory sample receiving representative can also be found at the bottom of the chain of custody forms.

5.4 *Requested Analytical Methods -*

For the soil vapor investigation the requested analytical methods involved a gas chromatograph utilizing a flame ionization detector (FID) and an electron capture detector (ECD). This combination of detectors enables screening for possible chlorinated solvents and aromatic hydrocarbons.

The requested analytical methods for soil matrix analysis were entered on to the chain of custody. The laboratory was directed to analyze soil samples by EPA Method 8015M (full range of organics), 6010B/7471A CAM Metals (presence of heavy metals) and 8260B Volatile Organic Compounds (VOCs). The laboratory was also directed to analyze certain of the soil samples for soil pH.

5.5 *Nature of the Samples –*

A facility-wide soil vapor investigation was performed following a modified grid across the two parcels.

A focused subsurface soil matrix investigation was performed on the subject site to determine if current or former vehicle repair and maintenance activities could have resulted in subsurface hydrocarbon impact or other *recognized environmental conditions* existing on the target property. To determine if subsurface impact has occurred, four soil borings were advanced and samples extracted from 5', 10' and 15' bgs. These were selected due to obvious soil staining or the potential for subsurface impact based on current or past vehicle related activities (i.e., painting, washing, etc.).

It was determined there was hydrocarbon impact in the vicinity of boring location B-2 and subsequent boring samples were taken (B-5, B6, and B-7). Based on the results from these sample borings which indicated hydrocarbon impact, additional samples were taken on December 3, 2007. Each set of boring samples were stepped out from B-2 and B-7. The boring samples taken on December 3, 2007 were again stepped out from these two locations to determine the vertical and lateral migration of the hydrocarbon impact.

5.6 *Size and Type of Sample Containers –*

All soil samples followed the protocol discussed in Section 4.0 above. Soil samples were extracted in 1.25" diameter, 6" long brass soil sleeves, sealed with plastic caps at both ends. Each was then inserted into a separate clean and new zip-loc baggy followed by placement on blue ice in a cooler until received by the laboratory.

6.0 Laboratory Results

6.1 *Laboratory Data – Soil Vapor*

During this vapor investigation none of the compounds listed in Table 1 (above) were detected above the listed detection limits. A complete table of analytical results is included with this report in **Appendix C**.

6.2 *Laboratory Data – Soil Matrix*

Original soil matrix laboratory results for samples extracted during borings advanced on 08/27/07, 09/07/07 (concurrent with the soil vapor work) and 12/03/07 were submitted for analysis by the following EPA Methods:

- 8015M (full range)
- 8260B (VOCs)
- 6010B/7471A (CAM Metals)

All these analyses were performed by American Environmental Testing Labs (AETL) in Burbank, a California Certified Lab (DOHS/Environmental Laboratory Accreditation Program – ELAP # 1541). These results are attached in **Appendix C**.

The soil matrix samples drawn on 09/07/07 were analyzed by EPA Method 8015M (full range) only.

7.0 Boring Logs

Soil borings were completed during this subsurface investigation. Please see the soils report prepared by Rybak Geotechnical for boring logs associated with B-1, B-2, B-3 and B-4.

8.0 Permits

Spectrum Geophysical was used for an extensive subsurface structure search. Certain of the selected sample locations were adjusted slightly to avoid encountering such structures. None were contacted through the project.

No DigAlert was taken out as the sampling performed was located on the target property exclusively and did NOT jeopardize any subsurface (below public roadway) utilities. Due to the nature of the subsurface investigation no permits were required. No subsurface structures were encountered.

9.0 Manifests

Six drums of non-hazardous soil cuttings needed to be transported off-site. This eliminated the need for a Uniform Hazardous Waste Manifest. Only one "Non-Hazardous Soils Manifest" form was generated as the soil was NOT a "listed" or "characteristic" waste. A copy of both the "Non-Hazardous Soil Manifest" and associated Weighmaster Certificate (Recycling) can be found in **Appendix E**.

10.0 Plume Illustration

Subsurface sampling indicated very localized subsurface hydrocarbon impact. Only five discrete samples indicated concentrations above the RWQCB's maximum soil screening levels (see below). No ground water was impacted and no significant "plume" was identified. The impacted area is estimated to be very small, on the order of 20 cubic yards. None of the CAM Metals results were above regulatory levels for soil sampled.

Plume illustrations generally apply to sites where groundwater has been contaminated, pervasive subsurface impact has occurred or can be well depicted by isoconcentration diagrams, 3-D oblique views, etc. A plume illustration was deemed unnecessary for this project.

11.0 Residual Contamination

The soil vapor survey results indicated no chlorinated solvents or aromatic hydrocarbons above detection limits, so no related residual contamination exists near the soil vapor locations sampled.

Roughly 20 cubic yards of residual hydrocarbon impact was identified by this subsurface investigation. The RWQCB's maximum soil screening levels for gasoline, diesel and heavy oil range organics are 500 mg/kg, 1,000 mg/kg and 10,000 mg/kg respectively. Only the gasoline and diesel range screening levels were exceeded, and this in only three of 44 samples:

- B-2-15' Gasoline only
- B-7-15' Gasoline and diesel
- B-7-20' Gasoline and diesel

Lead concentrations were well below the 1,000 mg/kg TTLC. The only lead detected (42.80 mg/kg) was at B-2-15', where soil discoloration was observed.

12.0 Quarterly Progress Reports

No groundwater was encountered and no monitoring wells installed. Based on the soil samples analyzed, the site mitigation deemed appropriate can be accomplished during soil excavation associated with site redevelopment at the target property. As a result, no quarterly progress reports will be necessary.

13.0 Conclusions and Recommendations

Elevated hydrocarbon concentrations were found in only three of the 44 discrete soil samples analyzed:

- B-2-15' Gasoline only
- B-7-15' Gasoline and diesel
- B-7-20' Gasoline and diesel

These will require site mitigation according to the maximum screening levels of the LARWQCB. Site mitigation can be accomplished during soil excavation associated with site redevelopment at the target property. The concentrations encountered do not represent an imminent threat to humans or the environment. It does not appear notification as an "unauthorized release" is required.

No elevated volatile organic compound concentrations were identified as a result of either the soil vapor survey or soil matrix investigation.

The Cal EPA DTSC requires and enforces (case-by-case) remedial activities for concentrations of metal in soil above the TTLC levels shown in parentheses below each of the metals listed in Appendix C-1 & C-3. This includes evaluation of lead due to the potential for vehicle battery leaks. The detection levels for each of the metals analyzed was well below the TTLC and do not require DTSC notification or site mitigation.

Soil pH levels, as an indicator of vehicle battery acid discharge, were found to be roughly neutral. This seems to indicate the lack of battery acid leaks in the areas of vehicle service and repair. No site mitigation is required for battery acid releases as none were detected.

Since the buildings on the property were constructed prior to 1980, lead and asbestos surveys must be performed. The results for both the lead and asbestos surveys will be in separate reports also prepared for Mr. Gary Avery. Both of these reports can be considered together with this report for a complete picture of the environmental site conditions.

14.0 Professional Certification

Report Prepared by:

B.J. Atkins
Registered Environmental Assessor II, REA II – 20182, QEP 03000016

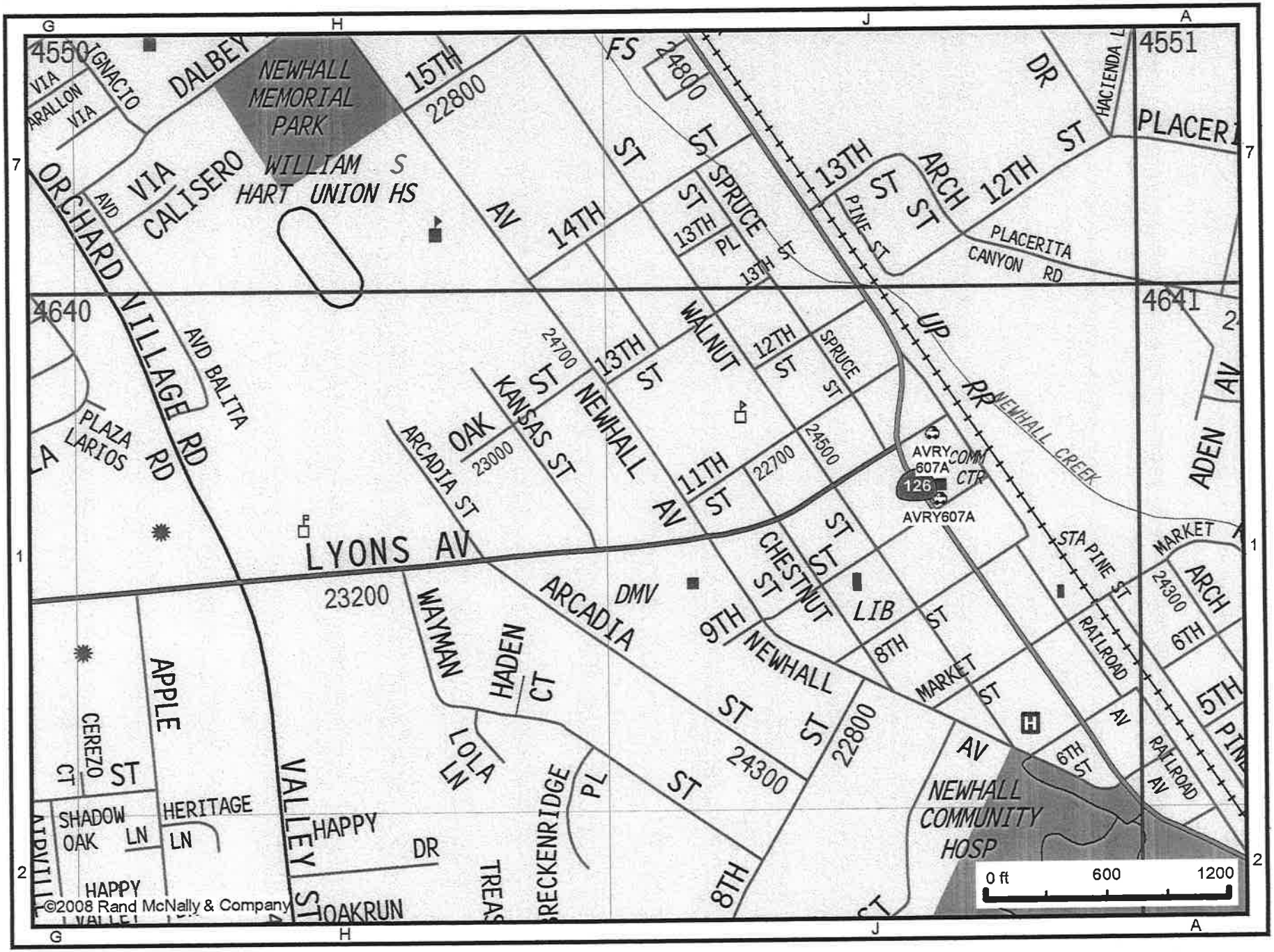
DISCLAIMER

This report has been prepared solely for the use of the Mr. Gary Avery of Avery Companies as it pertains to the property at 22520 Lyons Avenue and 22515 9th Street (APN #2831-007-025 and APN #2831-007-023), Santa Clarita, California. Any reliance on this report by third parties shall be at such party's sole risk. Our services have been performed in accordance with applicable state and local ordinances, and generally accepted practices in the environmental sciences. No other warranty, either express or implied, is made.

Atkins Environmental H.E.L.P., Inc. is not responsible or liable for any claims or damages associated with interpretation of available information. Site exploration identifies actual subsurface conditions only at those points where samples are taken, when they are taken. Data derived through sampling and analytical testing are extrapolated by geoscientists who then render an opinion about overall subsurface conditions. Actual conditions in areas not sampled may differ from predictions. This report should not be regarded as a guarantee no further contamination, beyond which was detected in our investigation, is present beneath the property. In the event changes to the property occur, or additional, relevant information about the property is brought to our attention, the recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the recommendations of this report are modified or verified in writing.

Appendix A

Vicinity Map



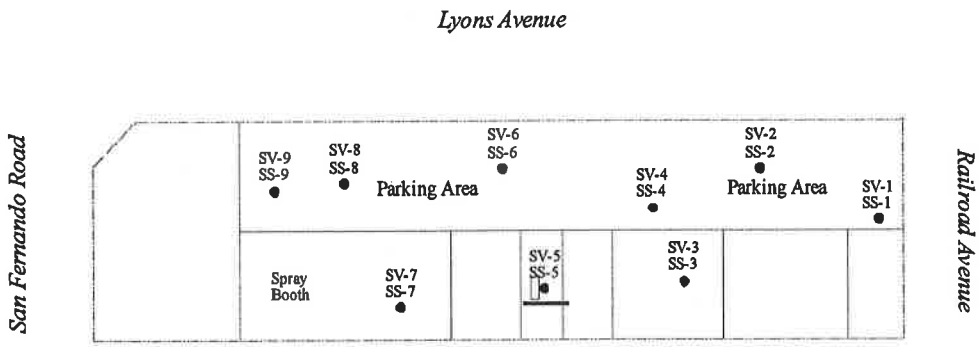
AVRY 607A: 22520 Lyons Av, Santa Clarita,CA 91321, 4640 - J1

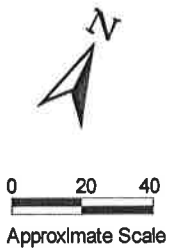
AVRY607A: 22515 9th Street, 4640 - J1

Appendix B

Site / Facility Maps

- 22520 Lyons Avenue Soil Vapor Locations
- 22515 9th Street Soil Vapor Locations
- Full Site Soil Boring Locations
- 22520 Lyons Avenue Soil Matrix Boring Locations
- 22515 9th Street Soil Matrix Boring Locations





Legend

SV-1 - Soil Vapor Sample Number

SS-1 - Soil Sample Number

♦ - Soil / Soil Vapor Sample Location

ATKINS ENVIRONMENTAL H.E.I.P., INC.

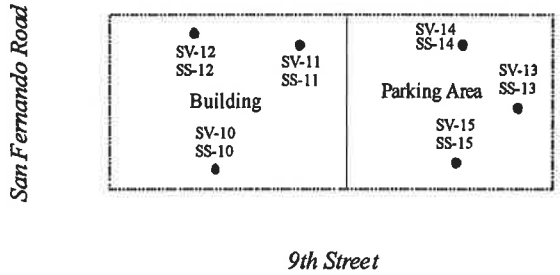
SITE MAP

Avery Companies

Soil Vapor Testing Locations

22520 Lyons Avenue

Santa Clarita, CA 91321



Legend

SV-10 - Soil Vapor Sample Number

SS-10 - Soil Sample Number

● - Soil / Soil Vapor Sample Location

ATKINS ENVIRONMENTAL N.E.L.P., INC.

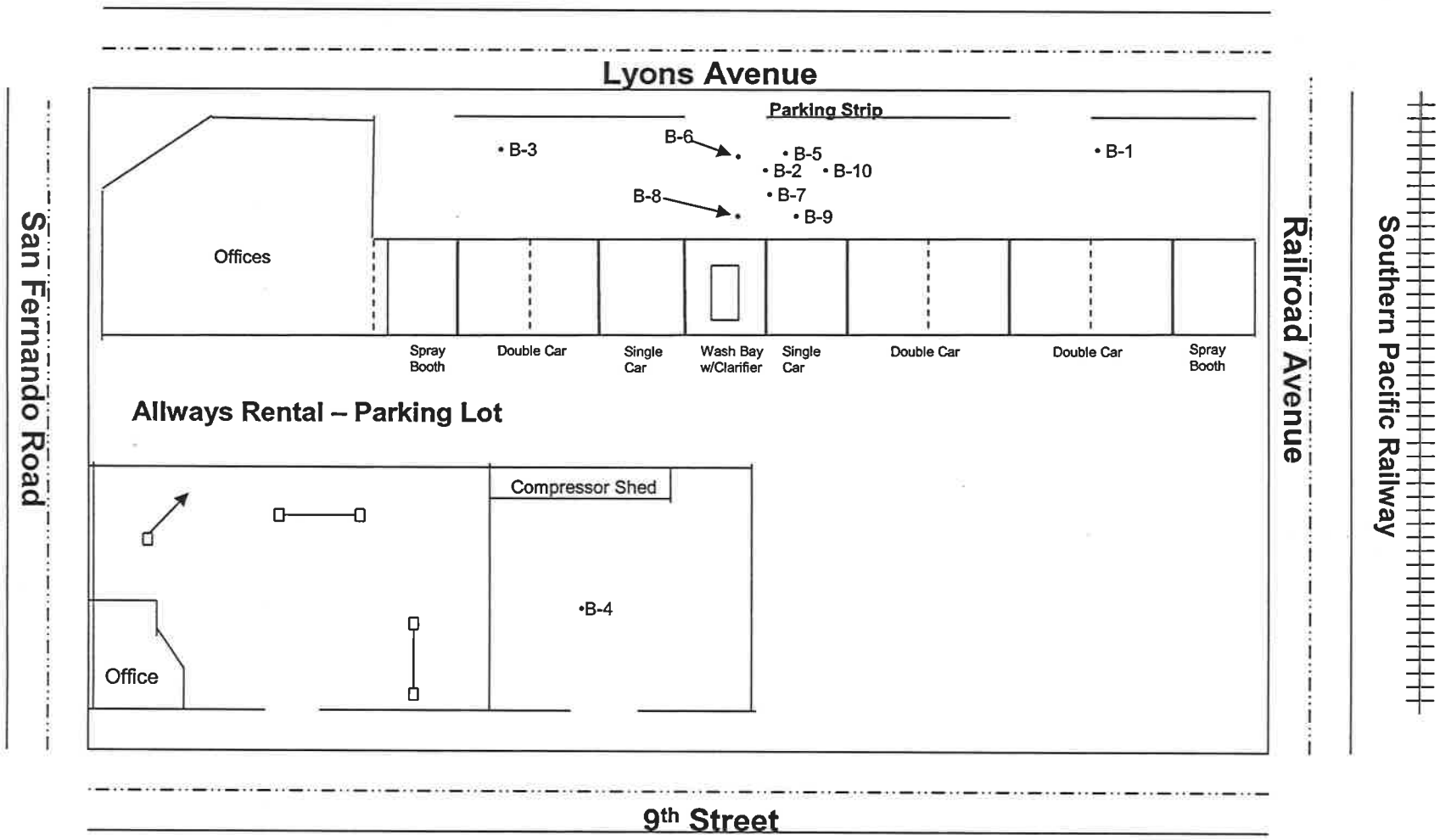
SITE MAP

Avery Companies

Soil Vapor Testing Locations

22515 9th Street

Santa Clarita, CA 91321



Approximate Scale: 1" = 30'

N ↑

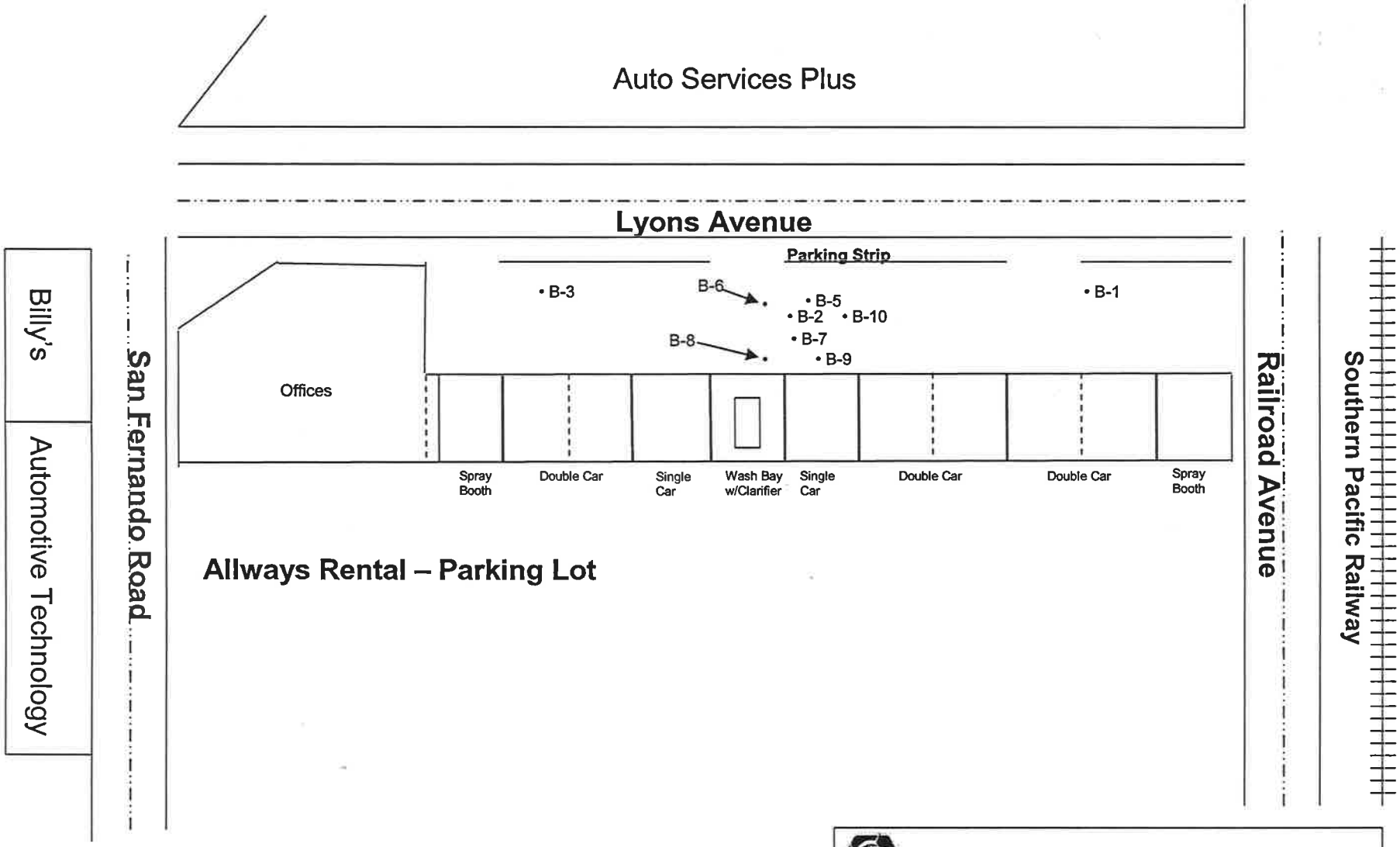
ATKINS ENVIRONMENTAL H.E.L.P., INC.

SITE MAP

Avery Companies

Full Site Soil Matrix Boring Locations

22520 Lyons Avenue & 22515 9th Street
Santa Clarita, CA 91321



Approximate Scale: 1" = 30'

N ↑

ATKINS ENVIRONMENTAL K.E.L.P., INC.

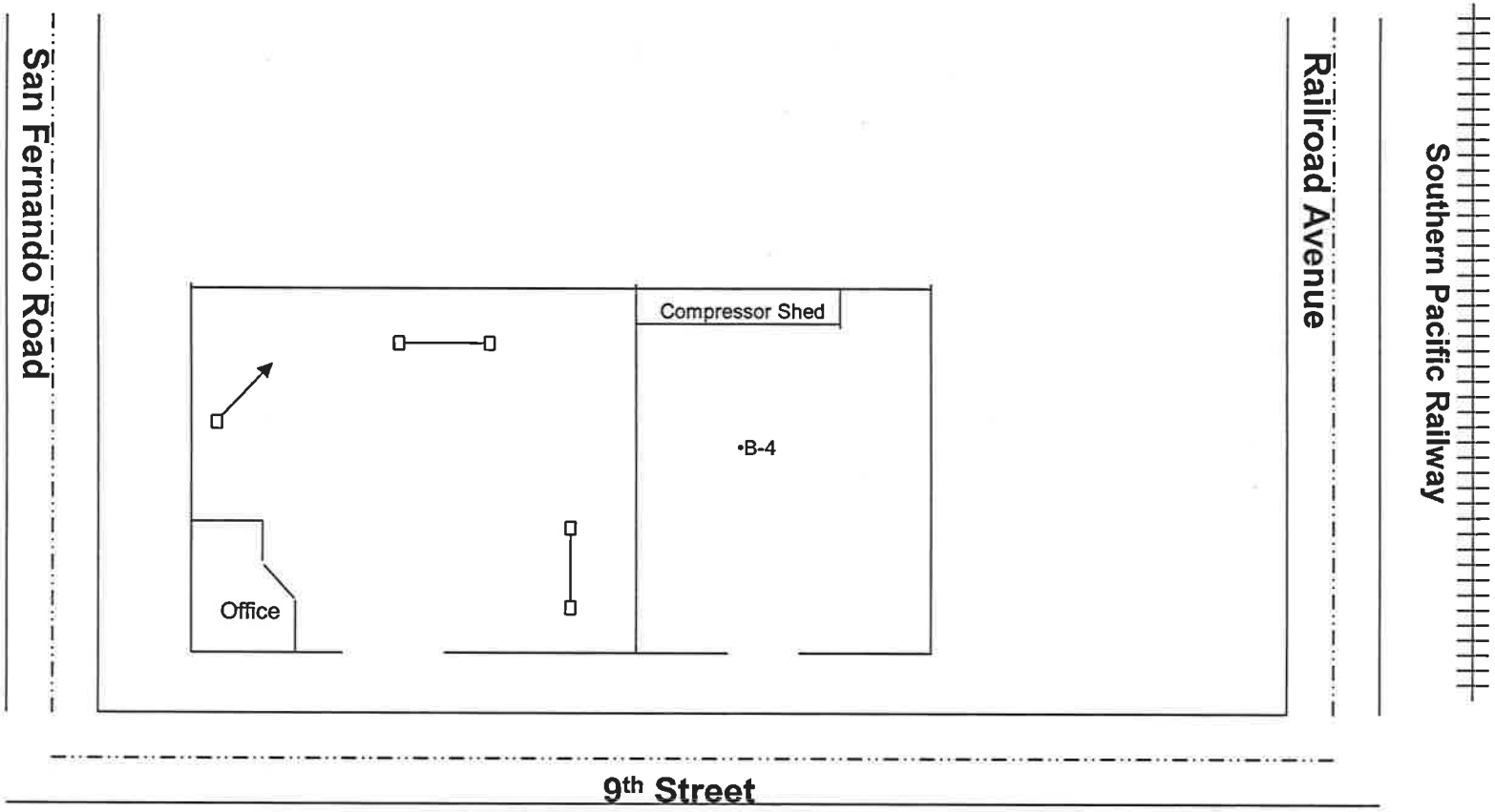
SITE MAP

Avery Companies

Soil Matrix Boring Locations

22520 Lyons Avenue

Santa Clarita, CA 91321



Approximate Scale: 1" = 30'

N ↑

ATKINS ENVIRONMENTAL H.S.L.P., INC.

SITE MAP

Avery Companies

Soil Matrix Boring Location

22515 9th Street

Santa Clarita, CA 91321

Appendix C

Laboratory Results

- *Appendix C-1 Summary of Original Soil Matrix Analytical Results*
- *Appendix C-2 Summary of Soil Matrix Analytical Results (Based on Soil Vapor Survey Locations)*
- *Appendix C-3 Step-out Sampling Soil Matrix Analytical Results*
- *Appendix C-4 Summary of Soil Vapor Analytical Results*
- *Appendix C-5 All Original Analytical in Order Presented Above*

SUMMARY OF ORIGINAL SOIL MATRIX ANALYTICAL RESULTS

Appendix C-1
22520 Lyons Ave 22515 9th St.
Newhall, CA
Project # AVRY 607A
Date Analyzed: 8-29-07

	8015-M CARBON RANGE Max. Soil Screening Level*** (in mg/kg)			VOC's by 8260B vs. USEPA Preliminary Remediation Goals (PRGs) - Soil Screening Levels (migration to groundwater) or Residential Soil (Direct Contact Exposure Pathway) (all in ug/kg)											
Sample ID	GRO C4-C12 (500)	DRO C13-C22 (1,000)	ORO C22+ (10,000)	Benzene (0.03)	Ethyl-benzene (13.00)	Toluene (3.00)	Xylenes (35.00)	n- Butylbenzene (240.00)	sec-Butylbenzene (220.00)	Isopropylbenzene (Cumene 570.00)	Naphthalene (54.00)	n-Propylbenzene (240.00)	Tetrachloroethene (0.06)	1,2,4-Trimethylbenzene (52.00)	1,3,5-Trimethylbenzene (21.00)
B-1-5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-15'	880.0	42.4	140.0	ND	ND	ND	ND	409	400	27.0J	ND	ND	ND	ND	ND
B-2-20'	ND	37.0	499.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-25'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-30'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-35'	ND	ND	73.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-40'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3-5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-4-5'	0.712J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5-5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5-10'	ND	ND	12.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6-5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6-10'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-7-5'	ND	ND	73.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-7-10'	ND	76.2	649.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-7-15'	2,840.0	1,440.0	4,570.0	31.0J	664	829	1,880	7,730	5,330	1,670	2,760	5,100	224	30,000	9,300
B-7-20'	1,200.0	2,170.0	6,730.0	31.5J	84	125	269	1,110	849	189	430	582	98	3,730	1,250

	CAM METALS - 6010/7471A - TTLC VS. (MCL)*** x 20 (ABOVE BACKGROUND or CONTROL)														
Sample ID	Sb (500)	As (500)	Ba (10,000)	Be (75)	Cd (100)	Cr* (500)	Co (8,000)	Cu (2,500)	Pb (1,000)	Hg (20)	Ni** (2,000)	Se (100)	Tl (700)	V (2,400)	Zn (5,000)
B-1-5'	ND	ND	42.50	ND	ND	4.80J	ND	6.20	7.80	ND	ND	ND	ND	13.30	47.60
B-2-5'	ND	1.50J	60.00	ND	ND	7.05	5.75	7.25	ND	ND	5.30	ND	ND	22.00	26.90
B-2-15'	ND	ND	48.50	ND	ND	5.90	4.35J	13.30	42.80	ND	3.95	ND	ND	15.70	37.10
B-3-5'	ND	3.35J	32.30	ND	ND	3.60J	3.05J	6.65	ND	ND	ND	ND	ND	12.70	20.30
B-4-5'	ND	ND	47.30	ND	ND	5.85	3.65J	6.05	10.70	ND	3.30J	ND	ND	16.10	25.00

* PQL = 10 (DRO), 50 (ORO) mg/kg NA = Not Analyzed
**PQL = 10 mg/kg ND = Not Detected
*** Interim Site Assessment & Cleanup Guidebook - May 1996, LARWQCB

Sb	Antimony	Cd	Cadmium	Cu	Copper	Mo	Molybdenum	Ag	Silver
As	Arsenic	Cr	Chromium	Pb	Lead	Ni	Nickel	Tl	Thallium
Ba	Barium	Co	Cobalt	Hg	Mercury	Se	Selenium	V	Vanadium
Be	Beryllium							Za	Zinc

SUMMARY OF SOIL MATRIX ANALYTICAL RESULTS
(based on soil vapor survey locations)

Appendix C-2
22520 Lyons Ave 22515 9th St.
Newhall, CA
Project #AVRY 607A
Date Analyzed: 9/8/07

	8015-M CARBON RANGE Max. Soil Screening Level *** (in mg/kg)			VOC's by 8260B vs. USEPA Preliminary Remediation Goals (PRGs) - Soil Screening Levels (migration to groundwater) or Residential Soil (Direct Contact Exposure Pathway) (all in ug/kg)											
Sample ID	GRO C4-C12 (500)	DRO C13-C22 (1,000)	ORO C22 - C32 (10,000)	Benzene (0.03)	Ethyl-benzene (13.00)	Toluene (3.00)	Xylenes (35.00)	n-Butylbenzene (240.00)	sec-Butylbenzene (220.00)	Isopropylbenzene (Cumene 570.00)	Naphthalene (84.00)	n-Propylbenzene (240.00)	Tetrachloroethene (0.06)	1,2,4-Trimethylbenzene (52.00)	1,3,5-Trimethylbenzene (21.00)
SS1	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA
SS2	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS3	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS4	ND	89.0	854.0	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS5	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS6	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS7	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS8	ND	ND	34.3	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS9	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS10	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS11	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS12	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS13	ND	ND	104.0	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS14	ND	ND	77.1	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA
SS15	ND	53.0	1,140.0	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	NA	NA

**PQL = 10 mg/kg

*** Interim Site Assessment & Cleanup Guidebook - May 1996, LARWQCB

NA = Not Analyzed
ND = Not Detected

SUMMARY OF STEP-OUT SAMPLING SOIL MATRIX ANALYTICAL RESULTS

Appendix C-3
22520 Lyons Ave. 22515 9th St.
Newhall, CA
Project # Avry 607A
Date Analyzed: 12-3-07

	8015-M CARBON RANGE Max. Soil Screening Level *** (in mg/kg)			VOC's by 8260B vs. USEPA Preliminary Remediation Goals (PRGs) - Soil Screening Levels (migration to groundwater) or Residential Soil (Direct Contact Exposure Pathway) (all in ug/kg)											
Sample ID	GRO C4-C12 (500)	DRO C13-C22 (1,000)	ORO C22 - C32 (10,000)	Benzene (0.03)	Ethyl-benzene (13.00)	Toluene (3.00)	Xylenes (35.00)	n-Butylbenzene (240.00)	sec-Butylbenzene (220.00)	Isopropylbenzene (Cumene 570.00)	Naphthalene (84.00)	n-Propylbenzene (240.00)	Tetrachloroethene (0.06)	1,2,4-Trimethylbenzene (52.00)	1,3,5-Trimethylbenzene (21.00)
B-8-5'	ND	ND	29.6	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-8-10'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-8-15'	ND	ND	26.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-8-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-8-25'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-8-30'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-8-35'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-8-40'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-5'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-10'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-9-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-9-25'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-30'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-35'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-9-40'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-5'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-10'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-10-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-10-25'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-30'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-35'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
B-10-40'	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA

	CAM METALS - 6010/7471A VS TTLC (Units in mg/kg)													
Sample ID	As (500)	Ba (10,000)	Be (75)	Cd (100)	Cr* (500)	Co (8,000)	Cu (2,500)	Pb (1,000)	Hg (20)	Ni** (2,000)	Se (100)	Tl (700)	V (2,400)	Zn (5,000)
B-8-15'	ND	104.00	ND	1.90J	27.60	12.40	45.70	3.00J	ND	14.90	ND	ND	50.50	55.50
B-8-20'	ND	67.50	ND	ND	8.40	6.20	88.00	ND	ND	6.30	ND	ND	21.40	68.00
B-9-15'	ND	42.10	ND	ND	4.00J	4.00	24.80	ND	ND	3.60J	ND	ND	14.80	31.50
B-9-20'	ND	72.50	ND	ND	8.05	6.45	25.40	ND	ND	6.40	ND	ND	22.10	43.10
B-10-15'	ND	45.30	ND	ND	4.95J	4.65J	40.20	ND	ND	4.05J	ND	ND	16.20	37.30
B-10-20'	ND	87.00	ND	1.30J	9.80	8.15	54.00	ND	ND	7.55	ND	ND	28.30	60.00

* PQL = 10 (DRO), 50 (ORO) mg/kg
**PQL = 10 mg/kg
*** Interim Site Assessment & Cleanup Guidebook - May 1996, LARWQCB

NA = Not Analyzed
ND = Not Detected

Sb	Antimony	**Cd**	Cadmium	**Cu**	Copper	**Mo**	Molybdenum	**Ag**	Silver
As	Arsenic	**Cr**	Chromium	**Pb**	Lead	**Ni**	Nickel	**Tl**	Thallium
Ba	Barium	**Co**	Cobalt	**Hg**	Mercury	**Se**	Selenium	**V**	Vanadium
Be	Beryllium							**Za**	Zinc

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

Appendix C-4
22520 Lyons Ave. & 22515 9th St.
Newhall, CA
Project # AVRY 607A
Date Analyzed 9/6/07

SOIL VAPOR RESULTS

Site Name: Lyons & San Fernando Road, Newhall, CA
Analyst A.B.
Collector: A.B.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: FID and ECD

Date: 9/6/07

SAMPLE ID	N/A	BLANK-1	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7
Sampling Depth (Ft.)	N/A	N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Purge Volume (ml)	N/A	N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Vacuum (In. of Water)	N/A	N/A	0	0	0	10	0	0	0
Injection Volume (ul)	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500
Dilution Factor (ECD/FID)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1

COMPOUND	DET. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Detection Limit

P.O. Box 4448 • Chatsworth, CA 91313 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

Appendix C-4
22520 Lyons Ave. & 22515 9th St.
Newhall, CA
Project # AVRY 607A
Date Analyzed 9/6/07

SOIL VAPOR RESULTS

Site Name: Lyons & San Fernando Road, Newhall, CA
Analyst A.B.
Collector: A.B.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: FID and ECD

Date: 9/6/07

SAMPLE ID	N/A	SV-8	SV-9	SV-10	SV-11	SV-12	SV-13	SV-14	SV-15
Sampling Depth (Ft.)	N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Purge Volume (ml)	N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Vacuum (In. of Water)	N/A	0	0	0	0	0	0	0	0
Injection Volume (ul)	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500
Dilution Factor (ECD/FID)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1

COMPOUND	DET. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1.0	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.0	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Detection Limit

P.O. Box 4448 • Chatsworth, CA 91313 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

Appendix C-4
22520 Lyons Ave. & 22515 9th St.
Newhall, CA
Project # AVRY 607A
Date Analyzed 9/6/07

SOIL VAPOR RESULTS

Site Name: Lyons & San Fernando Road, Newhall, CA
Analyst A.B.
Collector: A.B.

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detectors: FID and ECD

Date: 9/6/07

SAMPLE ID	N/A	SV-15 Dup							
Sampling Depth (Ft.)	N/A	5.0							
Purge Volume (ml)	N/A	1,500							
Vacuum (in. of Water)	N/A	0							
Injection Volume (ul)	500/500	500/500							
Dilution Factor (ECD/FID)	1/1	1/1							

COMPOUND	DET. LIMIT	CONC (ug/L)							
Dichlorodifluoromethane	1.0	ND							
Chloroethane	1.0	ND							
Trichlorofluoromethane	1.0	ND							
Freon 113	1.0	ND							
Methylene Chloride	1.0	ND							
1,1-Dichloroethane	1.0	ND							
Chloroform	1.0	ND							
1,1,1-Trichloroethane	1.0	ND							
Carbon Tetrachloride	1.0	ND							
1,2-Dichloroethane	1.0	ND							
Trichloroethene (TCE)	1.0	ND							
1,1,2-Trichloroethane	1.0	ND							
Tetrachloroethene (PCE)	1.0	ND							
1,1,1,2-Tetrachloroethane	1.0	ND							
1,1,2,2-Tetrachloroethane	1.0	ND							
Vinyl Chloride	1.0	ND							
Acetone	1.0	ND							
1,1-Dichloroethene	1.0	ND							
trans-1,2-Dichloroethene	1.0	ND							
2-Butanone (MEK)	1.0	ND							
cis-1,2-Dichloroethene	1.0	ND							
Cyclohexane	1.0	ND							
Benzene	1.0	ND							
4-Methyl-2-Pentanone	1.0	ND							
Toluene	1.0	ND							
Chlorobenzene	1.0	ND							
Ethylbenzene	1.0	ND							
m/p-Xylene	1.0	ND							
o-Xylene	1.0	ND							

Note: ND = Below Listed Detection Limit

P.O. Box 4448 • Chatsworth, CA 91313 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235

Appendix C-5
22520 Lyons Ave. & 22515 9th St.
Newhall, CA
Project # AVRY 607A

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 2

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			Method Blank	43755.01	43755.05		
Client Sample I.D.				B-1-5'	B-2-5'		
Date Sampled				08/25/2007	08/25/2007		
Date Prepared			08/29/2007	08/29/2007	08/29/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			08/29/2007	08/29/2007	08/29/2007		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Acetone	25	50	ND	ND	ND		
Benzene	2.0	10.0	ND	ND	ND		
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND		
Bromochloromethane	5.0	10.0	ND	ND	ND		
Bromodichloromethane	5.0	10.0	ND	ND	ND		
Bromoform (Tribromomethane)	25	50	ND	ND	ND		
Bromomethane (Methyl bromide)	15	30	ND	ND	ND		
2-Butanone (MEK)	25	50	ND	ND	ND		
n-Butylbenzene	5.0	10.0	ND	ND	ND		
sec-Butylbenzene	5.0	10.0	ND	ND	ND		
tert-Butylbenzene	5.0	10.0	ND	ND	ND		
Carbon Disulfide	25	50	ND	ND	ND		
Carbon tetrachloride	5.0	10.0	ND	ND	ND		
Chlorobenzene	5.0	10.0	ND	ND	ND		
Chloroethane	15	30	ND	ND	ND		
2-Chloroethyl vinyl ether	50	50	ND	ND	ND		
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND		
Chloromethane (Methyl chloride)	15	30	ND	ND	ND		
2-Chlorotoluene	5.0	10.0	ND	ND	ND		
4-Chlorotoluene	5.0	10.0	ND	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND		
Dibromochloromethane	5.0	10.0	ND	ND	ND		
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND		
Dibromomethane	5.0	10.0	ND	ND	ND		
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND		
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND		
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND		
Dichlorodifluoromethane	15	30	ND	ND	ND		
1,1-Dichloroethane	5.0	10.0	ND	ND	ND		
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			Method Blank	43755.01	43755.05		
Client Sample I.D.				B-1-5'	B-2-5'		
Date Sampled				08/25/2007	08/25/2007		
Date Prepared			08/29/2007	08/29/2007	08/29/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			08/29/2007	08/29/2007	08/29/2007		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
1,1-Dichloroethene	5.0	10.0	ND	ND	ND		
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND		
1,2-Dichloropropane	5.0	10.0	ND	ND	ND		
1,3-Dichloropropane	5.0	10.0	ND	ND	ND		
2,2-Dichloropropane	5.0	10.0	ND	ND	ND		
1,1-Dichloropropene	5.0	10.0	ND	ND	ND		
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND		
Ethylbenzene	2.0	10.0	ND	ND	ND		
Hexachlorobutadiene	15	30	ND	ND	ND		
2-Hexanone	25	50	ND	ND	ND		
Isopropylbenzene	5.0	10.0	ND	ND	ND		
p-Isopropyltoluene	5.0	10.0	ND	ND	ND		
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND		
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND		
Methylene chloride (DCM)	25	50	ND	ND	ND		
Naphthalene	5.0	10.0	ND	ND	ND		
n-Propylbenzene	5.0	10.0	ND	ND	ND		
Styrene	5.0	10.0	ND	ND	ND		
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND		
Tetrachloroethene	5.0	10.0	ND	ND	ND		
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND		
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND		
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND		
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND		
Trichloroethene	5.0	10.0	ND	ND	ND		
Trichlorofluoromethane	5.0	10.0	ND	ND	ND		
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND		
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND		
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND		
Vinyl Acetate	25	50	ND	ND	ND		
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND		
o-Xylene	2.0	10.0	ND	ND	ND		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			Method Blank	43755.01	43755.05		
Client Sample I.D.				B-1-5'	B-2-5'		
Date Sampled				08/25/2007	08/25/2007		
Date Prepared			08/29/2007	08/29/2007	08/29/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			08/29/2007	08/29/2007	08/29/2007		
Matrix			Soil	Soil	Soil		
Units			ug/Kg	ug/Kg	ug/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
m,p-Xylenes	2.0	20.0	ND	ND	ND		
Our Lab I.D.			Method Blank	43755.01	43755.05		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		120	116	118		
Dibromofluoromethane	75-125		123	108	121		
Toluene-d8	75-125		93.8	90.4	100		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 5

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Acetone	25	50	ND				
Benzene	2.0	10.0	ND				
Bromobenzene (Phenyl bromide)	5.0	10.0	ND				
Bromochloromethane	5.0	10.0	ND				
Bromodichloromethane	5.0	10.0	ND				
Bromoform (Tribromomethane)	25	50	ND				
Bromomethane (Methyl bromide)	15	30	ND				
2-Butanone (MEK)	25	50	ND				
n-Butylbenzene	5.0	10.0	ND				
sec-Butylbenzene	5.0	10.0	ND				
tert-Butylbenzene	5.0	10.0	ND				
Carbon Disulfide	25	50	ND				
Carbon tetrachloride	5.0	10.0	ND				
Chlorobenzene	5.0	10.0	ND				
Chloroethane	15	30	ND				
2-Chloroethyl vinyl ether	50	50	ND				
Chloroform (Trichloromethane)	5.0	10.0	ND				
Chloromethane (Methyl chloride)	15	30	ND				
2-Chlorotoluene	5.0	10.0	ND				
4-Chlorotoluene	5.0	10.0	ND				
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND				
Dibromochloromethane	5.0	10.0	ND				
1,2-Dibromoethane (EDB)	5.0	10.0	ND				
Dibromomethane	5.0	10.0	ND				
1,2-Dichlorobenzene	5.0	10.0	ND				
1,3-Dichlorobenzene	5.0	10.0	ND				
1,4-Dichlorobenzene	5.0	10.0	ND				
Dichlorodifluoromethane	15	30	ND				
1,1-Dichloroethane	5.0	10.0	ND				
1,2-Dichloroethane (EDC)	5.0	10.0	ND				

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
1,1-Dichloroethene	5.0	10.0	ND				
cis-1,2-Dichloroethene	5.0	10.0	ND				
trans-1,2-Dichloroethene	5.0	10.0	ND				
1,2-Dichloropropane	5.0	10.0	ND				
1,3-Dichloropropane	5.0	10.0	ND				
2,2-Dichloropropane	5.0	10.0	ND				
1,1-Dichloropropene	5.0	10.0	ND				
cis-1,3-Dichloropropene	5.0	10.0	ND				
trans-1,3-Dichloropropene	5.0	10.0	ND				
Ethylbenzene	2.0	10.0	ND				
Hexachlorobutadiene	15	30	ND				
2-Hexanone	25	50	ND				
Isopropylbenzene	5.0	10.0	ND				
p-Isopropyltoluene	5.0	10.0	ND				
4-Methyl-2-pentanone (MIBK)	25	50	ND				
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND				
Methylene chloride (DCM)	25	50	ND				
Naphthalene	5.0	10.0	ND				
n-Propylbenzene	5.0	10.0	ND				
Styrene	5.0	10.0	ND				
1,1,1,2-Tetrachloroethane	5.0	10.0	ND				
1,1,2,2-Tetrachloroethane	5.0	10.0	ND				
Tetrachloroethene	5.0	10.0	ND				
Toluene (Methyl benzene)	2.0	10.0	ND				
1,2,3-Trichlorobenzene	5.0	10.0	ND				
1,2,4-Trichlorobenzene	5.0	10.0	ND				
1,1,1-Trichloroethane	5.0	10.0	ND				
1,1,2-Trichloroethane	5.0	10.0	ND				
Trichloroethene	5.0	10.0	ND				
Trichlorofluoromethane	5.0	10.0	ND				
1,2,3-Trichloropropane	5.0	10.0	ND				
1,2,4-Trimethylbenzene	5.0	10.0	ND				
1,3,5-Trimethylbenzene	5.0	10.0	ND				
Vinyl Acetate	25	50	ND				
Vinyl chloride (Chloroethene)	15	30	ND				
o-Xylene	2.0	10.0	ND				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
m,p-Xylenes	2.0	20.0	ND				
Our Lab I.D.			Method Blank				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		124				
Dibromofluoromethane	75-125		103				
Toluene-d8	75-125		108				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 8

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.07				
Client Sample I.D.			B-2-15'				
Date Sampled			08/25/2007				
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			5				
Analytes	MDL	PQL	Results				
Acetone	125	250	ND				
Benzene	10	50	ND				
Bromobenzene (Phenyl bromide)	25	50	ND				
Bromochloromethane	25	50	ND				
Bromodichloromethane	25	50	ND				
Bromoform (Tribromomethane)	125	250	ND				
Bromomethane (Methyl bromide)	75	150	ND				
2-Butanone (MEK)	125	250	ND				
n-Butylbenzene	25	50	409				
sec-Butylbenzene	25	50	400				
tert-Butylbenzene	25	50	ND				
Carbon Disulfide	125	250	ND				
Carbon tetrachloride	25	50	ND				
Chlorobenzene	25	50	ND				
Chloroethane	75	150	ND				
2-Chloroethyl vinyl ether	250	250	ND				
Chloroform (Trichloromethane)	25	50	ND				
Chloromethane (Methyl chloride)	75	150	ND				
2-Chlorotoluene	25	50	ND				
4-Chlorotoluene	25	50	ND				
1,2-Dibromo-3-chloropropane (DBCP)	125	250	ND				
Dibromochloromethane	25	50	ND				
1,2-Dibromoethane (EDB)	25	50	ND				
Dibromomethane	25	50	ND				
1,2-Dichlorobenzene	25	50	ND				
1,3-Dichlorobenzene	25	50	ND				
1,4-Dichlorobenzene	25	50	ND				
Dichlorodifluoromethane	75	150	ND				
1,1-Dichloroethane	25	50	ND				
1,2-Dichloroethane (EDC)	25	50	ND				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.07				
Client Sample I.D.			B-2-15'				
Date Sampled			08/25/2007				
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			5				
Analytes	MDL	PQL	Results				
1,1-Dichloroethene	25	50	ND				
cis-1,2-Dichloroethene	25	50	ND				
trans-1,2-Dichloroethene	25	50	ND				
1,2-Dichloropropane	25	50	ND				
1,3-Dichloropropane	25	50	ND				
2,2-Dichloropropane	25	50	ND				
1,1-Dichloropropene	25	50	ND				
cis-1,3-Dichloropropene	25	50	ND				
trans-1,3-Dichloropropene	25	50	ND				
Ethylbenzene	10	50	ND				
Hexachlorobutadiene	75	150	ND				
2-Hexanone	125	250	ND				
Isopropylbenzene	25	50	27.0J				
p-Isopropyltoluene	25	50	ND				
4-Methyl-2-pentanone (MIBK)	125	250	ND				
Methyl-tert-butyl ether (MTBE)	25	50	ND				
Methylene chloride (DCM)	125	250	ND				
Naphthalene	25	50	ND				
n-Propylbenzene	25	50	ND				
Styrene	25	50	ND				
1,1,1,2-Tetrachloroethane	25	50	ND				
1,1,2,2-Tetrachloroethane	25	50	ND				
Tetrachloroethene	25	50	ND				
Toluene (Methyl benzene)	10	50	ND				
1,2,3-Trichlorobenzene	25	50	ND				
1,2,4-Trichlorobenzene	25	50	ND				
1,1,1-Trichloroethane	25	50	ND				
1,1,2-Trichloroethane	25	50	ND				
Trichloroethene	25	50	ND				
Trichlorofluoromethane	25	50	ND				
1,2,3-Trichloropropane	25	50	ND				
1,2,4-Trimethylbenzene	25	50	ND				
1,3,5-Trimethylbenzene	25	50	ND				
Vinyl Acetate	125	250	ND				
Vinyl chloride (Chloroethene)	75	150	ND				
o-Xylene	10	50	ND				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.07				
Client Sample I.D.			B-2-15'				
Date Sampled			08/25/2007				
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			5				
Analytes	MDL	PQL	Results				
m,p-Xylenes	10	100	ND				
Our Lab I.D.			43755.07				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		108				
Dibromofluoromethane	75-125		118				
Toluene-d8	75-125		108				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 11

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.08	43755.09	43755.10	43755.11	43755.12
Client Sample I.D.			B-2-20'	B-2-25'	B-2-30'	B-2-35'	B-2-40'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	2.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.08	43755.09	43755.10	43755.11	43755.12
Client Sample I.D.			B-2-20'	B-2-25'	B-2-30'	B-2-35'	B-2-40'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	5.0	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND	ND	ND
o-Xylene	2.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.08	43755.09	43755.10	43755.11	43755.12
Client Sample I.D.			B-2-20'	B-2-25'	B-2-30'	B-2-35'	B-2-40'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
m,p-Xylenes	2.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			43755.08	43755.09	43755.10	43755.11	43755.12
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		106	110	105	113	122
Dibromofluoromethane	75-125		116	118	113	104	109
Toluene-d8	75-125		94.4	114	121	95.2	117

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 14

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.13	43755.17	43755.21	43755.22	43755.23
Client Sample I.D.			B-3-5'	B-4-5'	B-5-5'	B-5-10'	B-5-15'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	2.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.13	43755.17	43755.21	43755.22	43755.23
Client Sample I.D.			B-3-5'	B-4-5'	B-5-5'	B-5-10'	B-5-15'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	5.0	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND	ND	ND
o-Xylene	2.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907

Our Lab I.D.			43755.13	43755.17	43755.21	43755.22	43755.23
Client Sample I.D.			B-3-5'	B-4-5'	B-5-5'	B-5-10'	B-5-15'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
m,p-Xylenes	2.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			43755.13	43755.17	43755.21	43755.22	43755.23
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		114	102	105	114	116
Dibromofluoromethane	75-125		104	106	96.4	108	105
Toluene-d8	75-125		114	99.1	118	113	97.9

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 17

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.24	43755.25	43755.26	43755.27	43755.28
Client Sample I.D.			B-5-20'	B-6-5'	B-6-10'	B-6-15'	B-6-20'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	2.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.24	43755.25	43755.26	43755.27	43755.28
Client Sample I.D.			B-5-20'	B-6-5'	B-6-10'	B-6-15'	B-6-20'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	5.0	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND	ND	ND
o-Xylene	2.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.24	43755.25	43755.26	43755.27	43755.28
Client Sample I.D.			B-5-20'	B-6-5'	B-6-10'	B-6-15'	B-6-20'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
m,p-Xylenes	2.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			43755.24	43755.25	43755.26	43755.27	43755.28
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		123	106	107	117	115
Dibromofluoromethane	75-125		112	118	112	120	123
Toluene-d8	75-125		109	117	109	107	123

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 20

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.29	43755.30			
Client Sample I.D.			B-7-5'	B-7-10'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Acetone	25	50	ND	ND			
Benzene	2.0	10.0	ND	ND			
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND			
Bromochloromethane	5.0	10.0	ND	ND			
Bromodichloromethane	5.0	10.0	ND	ND			
Bromoform (Tribromomethane)	25	50	ND	ND			
Bromomethane (Methyl bromide)	15	30	ND	ND			
2-Butanone (MEK)	25	50	ND	ND			
n-Butylbenzene	5.0	10.0	ND	ND			
sec-Butylbenzene	5.0	10.0	ND	ND			
tert-Butylbenzene	5.0	10.0	ND	ND			
Carbon Disulfide	25	50	ND	ND			
Carbon tetrachloride	5.0	10.0	ND	ND			
Chlorobenzene	5.0	10.0	ND	ND			
Chloroethane	15	30	ND	ND			
2-Chloroethyl vinyl ether	50	50	ND	ND			
Chloroform (Trichloromethane)	5.0	10.0	ND	ND			
Chloromethane (Methyl chloride)	15	30	ND	ND			
2-Chlorotoluene	5.0	10.0	ND	ND			
4-Chlorotoluene	5.0	10.0	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND			
Dibromochloromethane	5.0	10.0	ND	ND			
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND			
Dibromomethane	5.0	10.0	ND	ND			
1,2-Dichlorobenzene	5.0	10.0	ND	ND			
1,3-Dichlorobenzene	5.0	10.0	ND	ND			
1,4-Dichlorobenzene	5.0	10.0	ND	ND			
Dichlorodifluoromethane	15	30	ND	ND			
1,1-Dichloroethane	5.0	10.0	ND	ND			
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.29	43755.30			
Client Sample I.D.			B-7-5'	B-7-10'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,1-Dichloroethene	5.0	10.0	ND	ND			
cis-1,2-Dichloroethene	5.0	10.0	ND	ND			
trans-1,2-Dichloroethene	5.0	10.0	ND	ND			
1,2-Dichloropropane	5.0	10.0	ND	ND			
1,3-Dichloropropane	5.0	10.0	ND	ND			
2,2-Dichloropropane	5.0	10.0	ND	ND			
1,1-Dichloropropene	5.0	10.0	ND	ND			
cis-1,3-Dichloropropene	5.0	10.0	ND	ND			
trans-1,3-Dichloropropene	5.0	10.0	ND	ND			
Ethylbenzene	2.0	10.0	ND	ND			
Hexachlorobutadiene	15	30	ND	ND			
2-Hexanone	25	50	ND	ND			
Isopropylbenzene	5.0	10.0	ND	ND			
p-Isopropyltoluene	5.0	10.0	ND	ND			
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND			
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND			
Methylene chloride (DCM)	25	50	ND	ND			
Naphthalene	5.0	10.0	ND	ND			
n-Propylbenzene	5.0	10.0	ND	ND			
Styrene	5.0	10.0	ND	ND			
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND			
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND			
Tetrachloroethene	5.0	10.0	ND	ND			
Toluene (Methyl benzene)	2.0	10.0	ND	ND			
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND			
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND			
1,1,1-Trichloroethane	5.0	10.0	ND	ND			
1,1,2-Trichloroethane	5.0	10.0	ND	ND			
Trichloroethene	5.0	10.0	ND	ND			
Trichlorofluoromethane	5.0	10.0	ND	ND			
1,2,3-Trichloropropane	5.0	10.0	ND	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND			
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND			
Vinyl Acetate	25	50	ND	ND			
Vinyl chloride (Chloroethene)	15	30	ND	ND			
o-Xylene	2.0	10.0	ND	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.29	43755.30			
Client Sample I.D.			B-7-5'	B-7-10'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
m,p-Xylenes	2.0	20.0	ND	ND			
Our Lab I.D.			43755.29	43755.30			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		105	94.7			
Dibromofluoromethane	75-125		113	89.1			
Toluene-d8	75-125		117	111			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 23

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.31	43755.32			
Client Sample I.D.			B-7-15'	B-7-20'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			5	5			
Analytes	MDL	PQL	Results	Results			
Acetone	125	250	ND	ND			
Benzene	10	50	31.0J	31.5J			
Bromobenzene (Phenyl bromide)	25	50	ND	ND			
Bromochloromethane	25	50	ND	ND			
Bromodichloromethane	25	50	ND	ND			
Bromoform (Tribromomethane)	125	250	ND	ND			
Bromomethane (Methyl bromide)	75	150	ND	ND			
2-Butanone (MEK)	125	250	ND	ND			
n-Butylbenzene	25	50	7,730	1,110			
sec-Butylbenzene	25	50	5,330	849			
tert-Butylbenzene	25	50	312	ND			
Carbon Disulfide	125	250	ND	ND			
Carbon tetrachloride	25	50	ND	ND			
Chlorobenzene	25	50	ND	ND			
Chloroethane	75	150	ND	ND			
2-Chloroethyl vinyl ether	250	250	ND	ND			
Chloroform (Trichloromethane)	25	50	ND	ND			
Chloromethane (Methyl chloride)	75	150	ND	ND			
2-Chlorotoluene	25	50	ND	ND			
4-Chlorotoluene	25	50	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	125	250	ND	ND			
Dibromochloromethane	25	50	ND	ND			
1,2-Dibromoethane (EDB)	25	50	ND	ND			
Dibromomethane	25	50	ND	ND			
1,2-Dichlorobenzene	25	50	ND	ND			
1,3-Dichlorobenzene	25	50	ND	ND			
1,4-Dichlorobenzene	25	50	ND	ND			
Dichlorodifluoromethane	75	150	ND	ND			
1,1-Dichloroethane	25	50	ND	ND			
1,2-Dichloroethane (EDC)	25	50	ND	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.31	43755.32			
Client Sample I.D.			B-7-15'	B-7-20'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			5	5			
Analytes	MDL	PQL	Results	Results			
1,1-Dichloroethene	25	50	ND	ND			
cis-1,2-Dichloroethene	25	50	ND	ND			
trans-1,2-Dichloroethene	25	50	ND	ND			
1,2-Dichloropropane	25	50	ND	ND			
1,3-Dichloropropane	25	50	ND	ND			
2,2-Dichloropropane	25	50	ND	ND			
1,1-Dichloropropene	25	50	ND	ND			
cis-1,3-Dichloropropene	25	50	ND	ND			
trans-1,3-Dichloropropene	25	50	ND	ND			
Ethylbenzene	10	50	664	83.5			
Hexachlorobutadiene	75	150	ND	ND			
2-Hexanone	125	250	ND	ND			
Isopropylbenzene	25	50	1,670	189			
p-Isopropyltoluene	25	50	6,760	1,000			
4-Methyl-2-pentanone (MIBK)	125	250	ND	ND			
Methyl-tert-butyl ether (MTBE)	25	50	ND	ND			
Methylene chloride (DCM)	125	250	ND	ND			
Naphthalene	25	50	2,760	430			
n-Propylbenzene	25	50	5,100	582			
Styrene	25	50	ND	ND			
1,1,1,2-Tetrachloroethane	25	50	ND	ND			
1,1,2,2-Tetrachloroethane	25	50	ND	ND			
Tetrachloroethene	25	50	224	98.0			
Toluene (Methyl benzene)	10	50	829	125			
1,2,3-Trichlorobenzene	25	50	ND	ND			
1,2,4-Trichlorobenzene	25	50	ND	ND			
1,1,1-Trichloroethane	25	50	ND	ND			
1,1,2-Trichloroethane	25	50	ND	ND			
Trichloroethene	25	50	ND	ND			
Trichlorofluoromethane	25	50	ND	ND			
1,2,3-Trichloropropane	25	50	ND	ND			
1,2,4-Trimethylbenzene	25	50	30,000	3,730			
1,3,5-Trimethylbenzene	25	50	9,300	1,250			
Vinyl Acetate	125	250	ND	ND			
Vinyl chloride (Chloroethene)	75	150	ND	ND			
o-Xylene	10	50	1,880	269			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007

Our Lab I.D.			43755.31	43755.32			
Client Sample I.D.			B-7-15'	B-7-20'			
Date Sampled			08/25/2007	08/25/2007			
Date Prepared			08/30/2007	08/30/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/30/2007	08/30/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			5	5			
Analytes	MDL	PQL	Results	Results			
m,p-Xylenes	10	100	3,500	433			
Our Lab I.D.			43755.31	43755.32			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		104	108			
Dibromofluoromethane	75-125		90.7	87.0			
Toluene-d8	75-125		107	92.1			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 26

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082707

Our Lab I.D.			Method Blank	43755.01	43755.05		
Client Sample I.D.				B-1-5'	B-2-5'		
Date Sampled				08/25/2007	08/25/2007		
Date Prepared			08/27/2007	08/27/2007	08/27/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			08/27/2007	08/27/2007	08/27/2007		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND		
Our Lab I.D.			Method Blank	43755.01	43755.05		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		105	102	111		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 27

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082907

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			08/29/2007				
Preparation Method			5030B				
Date Analyzed			08/29/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND				
Our Lab I.D.			Method Blank				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		101				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 28

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082907

Our Lab I.D.			43755.07				
Client Sample I.D.			B-2-15'				
Date Sampled			08/25/2007				
Date Prepared			08/29/2007				
Preparation Method			5030B				
Date Analyzed			08/29/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			50				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	25	50	880				
Our Lab I.D.			43755.07				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		109				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 29

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082707

Our Lab I.D.			43755.08	43755.09	43755.10		
Client Sample I.D.			B-2-20'	B-2-25'	B-2-30'		
Date Sampled			08/25/2007	08/25/2007	08/25/2007		
Date Prepared			08/27/2007	08/27/2007	08/27/2007		
Preparation Method			5030B	5030B	5030B		
Date Analyzed			08/27/2007	08/27/2007	08/27/2007		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND		
Our Lab I.D.			43755.08	43755.09	43755.10		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		98.0	104	100		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 30

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			Method Blank	43755.11			
Client Sample I.D.				B-2-35'			
Date Sampled				08/25/2007			
Date Prepared			08/28/2007	08/28/2007			
Preparation Method			5030B	5030B			
Date Analyzed			08/28/2007	08/28/2007			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND			
Our Lab I.D.			Method Blank	43755.11			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		100	108			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 31

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082707

Our Lab I.D.			43755.12	43755.13	43755.17	43755.21	
Client Sample I.D.			B-2-40'	B-3-5'	B-4-5'	B-5-5'	
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	
Date Prepared			08/27/2007	08/27/2007	08/27/2007	08/27/2007	
Preparation Method			5030B	5030B	5030B	5030B	
Date Analyzed			08/27/2007	08/27/2007	08/27/2007	08/27/2007	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	0.712J	ND	
Our Lab I.D.			43755.12	43755.13	43755.17	43755.21	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125		104	101	110	103	

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 32

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			43755.22	43755.23	43755.24	43755.25	43755.26
Client Sample I.D.			B-5-10'	B-5-15'	B-5-20'	B-6-5'	B-6-10'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	08/28/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			08/28/2007	08/28/2007	08/28/2007	08/28/2007	08/28/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			43755.22	43755.23	43755.24	43755.25	43755.26
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		104	105	106	108	106

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 33

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			43755.27	43755.28	43755.29	43755.30	
Client Sample I.D.			B-6-15'	B-6-20'	B-7-5'	B-7-10'	
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	
Preparation Method			5030B	5030B	5030B	5030B	
Date Analyzed			08/28/2007	08/28/2007	08/28/2007	08/28/2007	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	
Our Lab I.D.			43755.27	43755.28	43755.29	43755.30	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125		107	102	105	108	

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 34

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082907

Our Lab I.D.			43755.31				
Client Sample I.D.			B-7-15'				
Date Sampled			08/25/2007				
Date Prepared			08/29/2007				
Preparation Method			5030B				
Date Analyzed			08/29/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			50				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	25	50	2,840				
Our Lab I.D.			43755.31				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		116				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 35

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 083007

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND				
Our Lab I.D.			Method Blank				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		110				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 36

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 083007

Our Lab I.D.			43755.32				
Client Sample I.D.			B-7-20'				
Date Sampled			08/25/2007				
Date Prepared			08/30/2007				
Preparation Method			5030B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			50				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	25	50	1,200				
Our Lab I.D.			43755.32				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		100				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 37

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			Method Blank	43755.01	43755.05	43755.07	43755.08
Client Sample I.D.				B-1-5'	B-2-5'	B-2-15'	B-2-20'
Date Sampled				08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	08/28/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	42.4	37.0
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	140	499
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	182	536
Our Lab I.D.			Method Blank	43755.01	43755.05	43755.07	43755.08
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		108	102	102	107	108

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 38

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			43755.09	43755.10	43755.11	43755.12	43755.13
Client Sample I.D.			B-2-25'	B-2-30'	B-2-35'	B-2-40'	B-3-5'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	08/28/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			08/29/2007	08/30/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	73.0	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	73.0	ND	ND
Our Lab I.D.			43755.09	43755.10	43755.11	43755.12	43755.13
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		102	105	103	107	106

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 39

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			43755.17	43755.21	43755.22	43755.23	43755.24
Client Sample I.D.			B-4-5'	B-5-5'	B-5-10'	B-5-15'	B-5-20'
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	08/28/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	08/29/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	12.0	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	12.0	ND	ND
Our Lab I.D.			43755.17	43755.21	43755.22	43755.23	43755.24
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		107	103	102	105	106

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 40

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 082807

Our Lab I.D.			43755.25	43755.26	43755.27	43755.28	
Client Sample I.D.			B-6-5'	B-6-10'	B-6-15'	B-6-20'	
Date Sampled			08/25/2007	08/25/2007	08/25/2007	08/25/2007	
Date Prepared			08/28/2007	08/28/2007	08/28/2007	08/28/2007	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			08/29/2007	08/29/2007	08/29/2007	08/29/2007	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	ND	
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	ND	
Our Lab I.D.			43755.25	43755.26	43755.27	43755.28	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Chlorobenzene	75-125		107	105	110	106	

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 41

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 083007

Our Lab I.D.			Method Blank	43755.29	43755.30	43755.31	43755.32
Client Sample I.D.				B-7-5'	B-7-10'	B-7-15'	B-7-20'
Date Sampled				08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			08/30/2007	08/30/2007	08/30/2007	08/31/2007	08/31/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	76.2	1,440	2,170
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	73.0	649	4,570	6,730
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	73.0	725	6,010	8,900
Our Lab I.D.			Method Blank	43755.29	43755.30	43755.31	43755.32
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		125	106	107	101	99.0

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 42
Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 083007

Our Lab I.D.			Method Blank	43755.01	43755.05	43755.07	43755.13
Client Sample I.D.				B-1-5'	B-2-5'	B-2-15'	B-3-5'
Date Sampled				08/25/2007	08/25/2007	08/25/2007	08/25/2007
Date Prepared			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/30/2007	08/30/2007	08/30/2007	08/30/2007	08/30/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	1.50J	ND	3.35J
Barium	2.5	5.0	ND	42.5	60.0	48.5	32.3
Beryllium	1.3	2.5	ND	ND	ND	ND	ND
Cadmium	1.3	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	4.80J	7.05	5.90	3.60J
Cobalt	2.5	5.0	ND	ND	5.75	4.35J	3.05J
Copper	2.5	5.0	ND	6.20	7.25	13.3	6.65
Lead	2.5	5.0	ND	7.80	ND	42.8	ND
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.5	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	ND	5.30	3.95J	ND
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.5	5.0	ND	ND	ND	ND	ND
Thallium	1.0	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	13.3	22.0	15.7	12.7
Zinc	2.5	5.0	ND	47.6	26.9	37.1	20.3

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 43

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 083007

Our Lab I.D.			43755.17				
Client Sample I.D.			B-4-5'				
Date Sampled			08/25/2007				
Date Prepared			08/30/2007				
Preparation Method			3050B				
Date Analyzed			08/30/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Antimony	1.0	5.0	ND				
Arsenic	1.0	5.0	ND				
Barium	2.5	5.0	47.3				
Beryllium	1.3	2.5	ND				
Cadmium	1.3	2.5	ND				
Chromium	2.5	5.0	5.85				
Cobalt	2.5	5.0	3.65J				
Copper	2.5	5.0	6.05				
Lead	2.5	5.0	10.7				
Mercury (By EPA 7471)	0.1	0.2	ND				
Molybdenum	2.5	5.0	ND				
Nickel	2.5	5.0	3.30J				
Selenium	1.0	5.0	ND				
Silver	2.5	5.0	ND				
Thallium	1.0	5.0	ND				
Vanadium	2.5	5.0	16.1				
Zinc	2.5	5.0	25.0				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page 44
Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Analytes			pH			
Methods of Analyses			9045C			
Date Prepared			08/27/2007			
Date Analyzed			08/27/2007			
Matrix			Soil			
QC Batch Number			082707			
Units			pH unit			
Method Detection Limit			1.00			
Practical Quantitation Limit			1.00			
Dilution Factor			1			
Lab ID	Sample ID	Sampled	Results			
43755.01	B-1-5'	08/25/2007	7.50			
43755.05	B-2-5'	08/25/2007	7.30			
43755.07	B-2-15'	08/25/2007	7.15			
43755.13	B-3-5'	08/25/2007	7.78			
43755.17	B-4-5'	08/25/2007	7.16			
N/A	Method Blank	/ /	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 2

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			Method Blank	43902.01	43902.02	43902.03	43902.04
Client Sample I.D.				SS1	SS2	SS3	SS4
Date Sampled				09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			09/08/2007	09/08/2007	09/08/2007	09/08/2007	09/08/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	89.0
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	ND	854
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	ND	943
Our Lab I.D.			Method Blank	43902.01	43902.02	43902.03	43902.04
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		105	99.0	99.0	99.0	112

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 3

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.05	43902.06	43902.07	43902.08	43902.09
Client Sample I.D.			SS5	SS6	SS7	SS8	SS9
Date Sampled			09/06/2007	09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			09/08/2007	09/08/2007	09/08/2007	09/08/2007	09/08/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	34.3	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	34.3	ND
Our Lab I.D.			43902.05	43902.06	43902.07	43902.08	43902.09
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		99.0	99.0	100	76.0	100

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 4

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.10	43902.11	43902.12	43902.13	43902.14
Client Sample I.D.			SS10	SS11	SS12	SS13	SS14
Date Sampled			09/06/2007	09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			09/08/2007	09/08/2007	09/08/2007	09/08/2007	09/08/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	104	77.1
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	104	77.1
Our Lab I.D.			43902.10	43902.11	43902.12	43902.13	43902.14
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		102	105	108	100	99.0

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 5

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.15				
Client Sample I.D.			SS15				
Date Sampled			09/06/2007				
Date Prepared			09/07/2007				
Preparation Method			3550B				
Date Analyzed			09/08/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
TPH as Diesel (C13-C22)	5.0	10.0	53.0				
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	1,140				
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	1,190				
Our Lab I.D.			43902.15				
Surrogates	%Rec.Limit		% Rec.				
Chlorobenzene	75-125		97.0				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 6

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			Method Blank	43902.01	43902.02	43902.03	43902.04
Client Sample I.D.				SS1	SS2	SS3	SS4
Date Sampled				09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	43902.01	43902.02	43902.03	43902.04
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		100	98.0	107	110	102

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 7

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.05	43902.06	43902.07	43902.08	43902.09
Client Sample I.D.			SS5	SS6	SS7	SS8	SS9
Date Sampled			09/06/2007	09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			43902.05	43902.06	43902.07	43902.08	43902.09
Surrogates	%Rec. Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		103	103	101	102	103

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 8

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.10	43902.11	43902.12	43902.13	43902.14
Client Sample I.D.			SS10	SS11	SS12	SS13	SS14
Date Sampled			09/06/2007	09/06/2007	09/06/2007	09/06/2007	09/06/2007
Date Prepared			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			09/07/2007	09/07/2007	09/07/2007	09/07/2007	09/07/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			43902.10	43902.11	43902.12	43902.13	43902.14
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		104	102	103	99.0	120

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 9

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 090707

Our Lab I.D.			43902.15				
Client Sample I.D.			SS15				
Date Sampled			09/06/2007				
Date Prepared			09/07/2007				
Preparation Method			5030B				
Date Analyzed			09/07/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND				
Our Lab I.D.			43902.15				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		103				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 2

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 120607

Our Lab I.D.			Method Blank	45006.01	45006.02	45006.03	45006.04
Client Sample I.D.				B-8-5'	B-8-10'	B-8-15'	B-8-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	45006.01	45006.02	45006.03	45006.04
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		109	109	101	105	114

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 3

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 120607

Our Lab I.D.			45006.05	45006.06	45006.07	45006.08	45006.09
Client Sample I.D.			B-8-25'	B-8-30'	B-8-35'	B-8-40'	B-9-5'
Date Sampled			12/03/2007	12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			45006.05	45006.06	45006.07	45006.08	45006.09
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		105	107	111	106	105

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 4

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 120607

Our Lab I.D.			45006.10	45006.11	45006.12	45006.13	45006.14
Client Sample I.D.			B-9-10'	B-9-15'	B-9-20'	B-9-25'	B-9-30'
Date Sampled			12/03/2007	12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/06/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			45006.10	45006.11	45006.12	45006.13	45006.14
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		109	109	106	108	110

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 5

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 120607

Our Lab I.D.			45006.15				
Client Sample I.D.			B-9-35'				
Date Sampled			12/03/2007				
Date Prepared			12/06/2007				
Preparation Method			5030B				
Date Analyzed			12/06/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND				
Our Lab I.D.			45006.15				
Surrogates	%Rec.Limit		% Rec.				
Bromofluorobenzene	75-125		102				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 6

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 121307

Our Lab I.D.			Method Blank	45006.16	45006.17	45006.18	45006.19
Client Sample I.D.				B-9-40'	B-10-5'	B-10-10'	B-10-15'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/13/2007	12/13/2007	12/13/2007	12/13/2007	12/13/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/13/2007	12/13/2007	12/13/2007	12/13/2007	12/13/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	45006.16	45006.17	45006.18	45006.19
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		106	112	100	108	100

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 7

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 121307

Our Lab I.D.			45006.20	45006.21	45006.22	45006.23	45006.24
Client Sample I.D.			B-10-20'	B-10-25'	B-10-30'	B-10-35'	B-10-40'
Date Sampled			12/03/2007	12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/13/2007	12/13/2007	12/13/2007	12/13/2007	12/13/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/13/2007	12/13/2007	12/13/2007	12/13/2007	12/13/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	0.500	1.000	ND	ND	ND	ND	ND
Our Lab I.D.			45006.20	45006.21	45006.22	45006.23	45006.24
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		110	106	109	110	109

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 8

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407

Our Lab I.D.			Method Blank	45006.01	45006.02	45006.03	45006.04
Client Sample I.D.				B-8-5'	B-8-10'	B-8-15'	B-8-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/04/2007	12/04/2007	12/04/2007	12/04/2007	12/04/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			12/08/2007	12/08/2007	12/08/2007	12/08/2007	12/08/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	29.6	ND	26.5	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	29.6	ND	26.5	ND
Our Lab I.D.			Method Blank	45006.01	45006.02	45006.03	45006.04
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		104	102	108	101	102

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 9

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407

Our Lab I.D.			45006.05	45006.06	45006.07		
Client Sample I.D.			B-8-25'	B-8-30'	B-8-35'		
Date Sampled			12/03/2007	12/03/2007	12/03/2007		
Date Prepared			12/04/2007	12/04/2007	12/04/2007		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			12/09/2007	12/09/2007	12/09/2007		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND		
Our Lab I.D.			45006.05	45006.06	45006.07		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Chlorobenzene	75-125		106	106	118		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 10

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407-1

Our Lab I.D.			Method Blank	45006.08	45006.09	45006.10	45006.11
Client Sample I.D.				B-8-40'	B-9-5'	B-9-10'	B-9-15'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/04/2007	12/04/2007	12/04/2007	12/04/2007	12/04/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	45006.08	45006.09	45006.10	45006.11
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		110	101	97.0	97.0	98.0

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 11

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407-1

Our Lab I.D.			45006.12	45006.13	45006.14	45006.15	45006.16
Client Sample I.D.			B-9-20'	B-9-25'	B-9-30'	B-9-35'	B-9-40'
Date Sampled			12/03/2007	12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/04/2007	12/04/2007	12/04/2007	12/04/2007	12/04/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			45006.12	45006.13	45006.14	45006.15	45006.16
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		98.0	103	92.0	101	103

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 12

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407-1

Our Lab I.D.			45006.17	45006.18	45006.19	45006.20	45006.21
Client Sample I.D.			B-10-5'	B-10-10'	B-10-15'	B-10-20'	B-10-25'
Date Sampled			12/03/2007	12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/04/2007	12/04/2007	12/04/2007	12/04/2007	12/04/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			45006.17	45006.18	45006.19	45006.20	45006.21
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		107	100	125	96.0	91.0

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 13

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 120407-1

Our Lab I.D.			45006.22	45006.23	45006.24		
Client Sample I.D.			B-10-30'	B-10-35'	B-10-40'		
Date Sampled			12/03/2007	12/03/2007	12/03/2007		
Date Prepared			12/04/2007	12/04/2007	12/04/2007		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			12/09/2007	12/09/2007	12/09/2007		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Diesel (C13-C22)	5.0	10.0	ND	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	5.0	10.0	ND	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	5.0	10.0	ND	ND	ND		
Our Lab I.D.			45006.22	45006.23	45006.24		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Chlorobenzene	75-125		101	106	96.0		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 14

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			Method Blank	45006.03	45006.04	45006.11	45006.12
Client Sample I.D.				B-8-15'	B-8-20'	B-9-15'	B-9-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	2.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			Method Blank	45006.03	45006.04	45006.11	45006.12
Client Sample I.D.				B-8-15'	B-8-20'	B-9-15'	B-9-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	2.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	2.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	5.0	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	15	30	ND	ND	ND	ND	ND
o-Xylene	2.0	10.0	ND	ND	ND	ND	ND

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			Method Blank	45006.03	45006.04	45006.11	45006.12
Client Sample I.D.				B-8-15'	B-8-20'	B-9-15'	B-9-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Preparation Method			5030B	5030B	5030B	5030B	5030B
Date Analyzed			12/05/2007	12/06/2007	12/06/2007	12/06/2007	12/06/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
m,p-Xylenes	2.0	20.0	ND	ND	ND	ND	ND
Our Lab I.D.			Method Blank	45006.03	45006.04	45006.11	45006.12
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125		95.1	99.7	98.9	105	104
Dibromofluoromethane	75-125		107	116	118	116	118
Toluene-d8	75-125		85.8	81.5	82.8	78.4	80.9

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 17

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			45006.19	45006.20			
Client Sample I.D.			B-10-15'	B-10-20'			
Date Sampled			12/03/2007	12/03/2007			
Date Prepared			12/06/2007	12/06/2007			
Preparation Method			5030B	5030B			
Date Analyzed			12/06/2007	12/06/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Acetone	25	50	ND	ND			
Benzene	2.0	10.0	ND	ND			
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND			
Bromochloromethane	5.0	10.0	ND	ND			
Bromodichloromethane	5.0	10.0	ND	ND			
Bromoform (Tribromomethane)	25	50	ND	ND			
Bromomethane (Methyl bromide)	15	30	ND	ND			
2-Butanone (MEK)	25	50	ND	ND			
n-Butylbenzene	5.0	10.0	ND	ND			
sec-Butylbenzene	5.0	10.0	ND	ND			
tert-Butylbenzene	5.0	10.0	ND	ND			
Carbon Disulfide	25	50	ND	ND			
Carbon tetrachloride	5.0	10.0	ND	ND			
Chlorobenzene	5.0	10.0	ND	ND			
Chloroethane	15	30	ND	ND			
2-Chloroethyl vinyl ether	50	50	ND	ND			
Chloroform (Trichloromethane)	5.0	10.0	ND	ND			
Chloromethane (Methyl chloride)	15	30	ND	ND			
2-Chlorotoluene	5.0	10.0	ND	ND			
4-Chlorotoluene	5.0	10.0	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND			
Dibromochloromethane	5.0	10.0	ND	ND			
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND			
Dibromomethane	5.0	10.0	ND	ND			
1,2-Dichlorobenzene	5.0	10.0	ND	ND			
1,3-Dichlorobenzene	5.0	10.0	ND	ND			
1,4-Dichlorobenzene	5.0	10.0	ND	ND			
Dichlorodifluoromethane	15	30	ND	ND			
1,1-Dichloroethane	5.0	10.0	ND	ND			
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			45006.19	45006.20			
Client Sample I.D.			B-10-15'	B-10-20'			
Date Sampled			12/03/2007	12/03/2007			
Date Prepared			12/06/2007	12/06/2007			
Preparation Method			5030B	5030B			
Date Analyzed			12/06/2007	12/06/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,1-Dichloroethene	5.0	10.0	ND	ND			
cis-1,2-Dichloroethene	5.0	10.0	ND	ND			
trans-1,2-Dichloroethene	5.0	10.0	ND	ND			
1,2-Dichloropropane	5.0	10.0	ND	ND			
1,3-Dichloropropane	5.0	10.0	ND	ND			
2,2-Dichloropropane	5.0	10.0	ND	ND			
1,1-Dichloropropene	5.0	10.0	ND	ND			
cis-1,3-Dichloropropene	5.0	10.0	ND	ND			
trans-1,3-Dichloropropene	5.0	10.0	ND	ND			
Ethylbenzene	2.0	10.0	ND	ND			
Hexachlorobutadiene	15	30	ND	ND			
2-Hexanone	25	50	ND	ND			
Isopropylbenzene	5.0	10.0	ND	ND			
p-Isopropyltoluene	5.0	10.0	ND	ND			
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND			
Methyl-tert-butyl ether (MTBE)	5.0	10.0	ND	ND			
Methylene chloride (DCM)	25	50	ND	ND			
Naphthalene	5.0	10.0	ND	ND			
n-Propylbenzene	5.0	10.0	ND	ND			
Styrene	5.0	10.0	ND	ND			
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND			
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND			
Tetrachloroethene	5.0	10.0	ND	ND			
Toluene (Methyl benzene)	2.0	10.0	ND	ND			
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND			
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND			
1,1,1-Trichloroethane	5.0	10.0	ND	ND			
1,1,2-Trichloroethane	5.0	10.0	ND	ND			
Trichloroethene	5.0	10.0	ND	ND			
Trichlorofluoromethane	5.0	10.0	ND	ND			
1,2,3-Trichloropropane	5.0	10.0	ND	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND			
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND			
Vinyl Acetate	25	50	ND	ND			
Vinyl chloride (Chloroethene)	15	30	ND	ND			
o-Xylene	2.0	10.0	ND	ND			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 120707-1

Our Lab I.D.			45006.19	45006.20			
Client Sample I.D.			B-10-15'	B-10-20'			
Date Sampled			12/03/2007	12/03/2007			
Date Prepared			12/06/2007	12/06/2007			
Preparation Method			5030B	5030B			
Date Analyzed			12/06/2007	12/06/2007			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
m,p-Xylenes	2.0	20.0	ND	ND			
Our Lab I.D.			45006.19	45006.20			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		100	101			
Dibromofluoromethane	75-125		107	121			
Toluene-d8	75-125		86.0	82.0			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 20

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 120707-01

Our Lab I.D.			Method Blank	45006.03	45006.04	45006.11	45006.12
Client Sample I.D.				B-8-15'	B-8-20'	B-9-15'	B-9-20'
Date Sampled				12/03/2007	12/03/2007	12/03/2007	12/03/2007
Date Prepared			12/07/2007	12/07/2007	12/07/2007	12/07/2007	12/07/2007
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			12/07/2007	12/07/2007	12/07/2007	12/07/2007	12/07/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	104	67.5	42.1	72.5
Beryllium	1.3	2.5	ND	ND	ND	ND	ND
Cadmium	1.3	2.5	ND	1.90J	ND	ND	ND
Chromium	2.5	5.0	ND	27.6	8.40	4.00J	8.05
Cobalt	2.5	5.0	ND	12.4	6.20	4.00J	6.45
Copper	2.5	5.0	ND	45.7	88.0	24.8	25.4
Lead	2.5	5.0	ND	3.00J	ND	ND	ND
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.5	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	14.9	6.30	3.60J	6.40
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.5	5.0	ND	ND	ND	ND	ND
Thallium	1.0	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	50.5	21.4	14.8	22.1
Zinc	2.5	5.0	ND	55.5	68.0	31.5	43.1

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 21

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 120707-01

Our Lab I.D.			45006.19	45006.20			
Client Sample I.D.			B-10-15'	B-10-20'			
Date Sampled			12/03/2007	12/03/2007			
Date Prepared			12/07/2007	12/07/2007			
Preparation Method			3050B	3050B			
Date Analyzed			12/07/2007	12/07/2007			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Antimony	1.0	5.0	ND	ND			
Arsenic	1.0	5.0	ND	ND			
Barium	2.5	5.0	45.3	87.0			
Beryllium	1.3	2.5	ND	ND			
Cadmium	1.3	2.5	ND	1.30J			
Chromium	2.5	5.0	4.95J	9.80			
Cobalt	2.5	5.0	4.65J	8.15			
Copper	2.5	5.0	40.2	54.0			
Lead	2.5	5.0	ND	ND			
Mercury (By EPA 7471)	0.1	0.2	ND	ND			
Molybdenum	2.5	5.0	ND	ND			
Nickel	2.5	5.0	4.05J	7.55			
Selenium	1.0	5.0	ND	ND			
Silver	2.5	5.0	ND	ND			
Thallium	1.0	5.0	ND	ND			
Vanadium	2.5	5.0	16.2	28.3			
Zinc	2.5	5.0	37.3	60.0			

Appendix D

Chains of Custody
QA/QC Data/Reports

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
№ 44928

AETL JOB No. 43755

COMPANY: Atkins Environmental HELP, Inc.
PROJECT MANAGER: B. J. ATKINS
COMPANY ADDRESS:
PHONE:
FAX:
PROJECT NAME:
PROJECT #: AVRY607A
PO #:
SITE NAME AND ADDRESS: 22520 Lyons Ave, Santa Clarita
22515 9th St.,

ANALYSIS REQUESTED

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015M Full Range	CAM Metals	pH	8260B	TEST INSTRUCTIONS & COMMENTS
1	B-1-5'	43755.01	8/25/07	9:15A	Soil	2-4oz Jars	None	X	X	X	X	
2	B-1-10'	43755.02	↓	9:30A	↓	↓	↓					HOLD
3	B-1-15'	43755.03	↓	9:45A	↓	↓	↓					HOLD
4	B-1-20'	43755.04	8/25/07	10:05A	↓	↓	↓					HOLD
5	B-2-5'	43755.05	↓	10:30A	↓	↓	↓	X	X	X	X	
6	B-2-10'	43755.06	↓	10:35A	↓	↓	↓					HOLD
7	B-2-15'	43755.07	↓	10:45A	↓	3-4oz Jars	↓	X	X	X	X	
8	B-2-20'	43755.08	↓	10:50A	↓	2-4oz Jars	↓	X			X	
9	B-2-25'	43755.09	↓	10:55A	↓	"	↓	X			X	
10	B-2-30'	43755.10	↓	11:05A	↓	2-1¼" Brass SS	↓	X			X	
11	B-2-35'	43755.11	↓	11:15A	↓	"	↓	X			X	
12	B-2-40'	43755.12	↓	11:25A	↓	1-1¼" Brass SS	↓	X			X	
13	B-3-5'	43755.13	↓	1:05P	↓	2-4oz Jars	↓	X	X	X	X	
14	B-3-10'	43755.14	↓	1:15P	↓	↓	↓					HOLD
15	B-3-15'	43755.15	↓	1:30P	↓	↓	↓					HOLD

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	38	PROPERLY COOLED	Y / N / NA
CUSTODY SEALS Y / N / NA		SAMPLES INTACT	Y / N / NA
RECEIVED IN GOOD COND.	Y / N	SAMPLES ACCEPTED	Y / N

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: B.J. Atkins	Signature:	Signature: Thomas
Printed Name: B. J. Atkins	Printed Name:	Printed Name: Thomas Robinson
Date: 08/27/07 Time: 11:25 am	Date: Time:	Date: 08-27-07 Time: 1210
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature: Thomas	Signature:	Signature:
Printed Name: Thomas Robinson	Printed Name:	Printed Name:
Date: 08-27-07 Time: 1110	Date: Time:	Date: 08/27/07 Time: 1210

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
№ 44929

AETL JOB No. 43755

COMPANY: Atkins Environmental HELP
PROJECT MANAGER: B. J. Atkins
COMPANY ADDRESS:
PHONE:
FAX:
PROJECT NAME:
PROJECT #: AVRY607A
PO #:
SITE NAME AND ADDRESS: 22520 Lyons Ave, Santa Clarita
22515 9th St., " "

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015 m Full Range	CAM Metals	pH	8260B		TEST INSTRUCTIONS & COMMENTS
1	B-3-20'	43755.16	8/25/07	1:40P	SOIL	2-4oz Jars	None						HOLD
2	B-4-5'	43755.17		8:25A				X	X	X	X		
3	B-4-10'	43755.18		8:35A				~~X~~	~~X~~	~~X~~	~~X~~	KC	HOLD
4	B-4-15'	43755.19		8:45A				~~X~~	~~X~~	~~X~~	~~X~~	KC	HOLD
5	B-4-20'	43755.20		8:55A				~~X~~	~~X~~	~~X~~	~~X~~	KC	HOLD
6													
7	B-5-5'	43755.21		2:05P		2-1½ Brass SS		X			X		
8	B-5-10'	43755.22		2:15P		2- "		X			X		
9	B-5-15'	43755.23		2:20P		2- "		X			X		
10	B-5-20'	43755.24		2:30P		2- "		X			X		
11													
12	B-6-5'	43755.25		~~3:55~~P		2-1½ Brass SS		X			X		
13	B-6-10'	43755.26		3:00P		2- "		X			X		
14	B-6-15'	43755.27		3:05P		2- "		X			X		KC 11-15-29
15	B-6-20	43755.28		3:10P		2- "		X			X		10-10-13

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	22	PROPERLY COOLED (Y) N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y) N / NA	
RECEIVED IN GOOD COND. (Y) N		SAMPLES ACCEPTED (Y) N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature]	Signature:	Signature: Thomas
Printed Name: B. J. ATKINS	Printed Name:	Printed Name: Thomas Robinson
Date: 08/27/07 Time: 1105am	Date: Time:	Date: 08-27-07 Time: 1210
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature: Thomas	Signature:	Signature: [signature]
Printed Name: Thomas Robinson	Printed Name:	Printed Name: Jim
Date: 08-27-07 Time: 1110	Date: Time:	Date: 08/27/07 Time: 1110

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

№ 44930

AETL JOB No. 43755

COMPANY: Atkins Environmental HELP
PROJECT MANAGER: B. J. ATKINS
COMPANY ADDRESS:
PHONE:
FAX:
PROJECT NAME:
PROJECT #:
SITE NAME AND ADDRESS: 22520 Lyons Ave, Santa Clarita
PO #:
72515 - 9th St., " "

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015m Full Range	CAM Metals	pH	8260B	TEST INSTRUCTIONS & COMMENTS
1	B-7-5'	43755.29	08/25/07	3:40P	Soil	2-1½" Brass SS	None	X			X	10-10-7
2	B-7-10'	43755.30	↓	3:58P	↓	↓	↓	X			X	7-7-8
3	B-7-15'	43755.31	↓	4:15P	↓	↓	↓	X			X	7-10-11
4	B-7-20'	43755.32	↓	4:40P	↓	↓	↓	X			X	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

ANALYSIS REQUESTED

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	7	PROPERLY COOLED (Y)/N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y)/N / NA	
RECEIVED IN GOOD COND. (Y)/N		SAMPLES ACCEPTED (Y)/N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: B.J. Atkins	Signature:	Signature: Thomas
Printed Name: B. J. Atkins	Printed Name:	Printed Name: THOMAS ROBINSON
Date: 08/27/07 Time: 11:25 am	Date: Time:	Date: 08-27-07 Time: 1210
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature: Thomas	Signature:	Signature:
Printed Name: THOMAS ROBINSON	Printed Name:	Printed Name: Jim
Date: 08-27-07 Time: 1110	Date: Time:	Date: 08/27/07 Time: 1210

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attention: B.J. Atkins

Number of Pages 55
Date Received 08/27/2007
Date Reported 09/11/2007

Job Number	Order Date	Client
43755	08/27/2007	ATKINS

Project ID: AVRY607A
Site: 22520 Lyons Avenue
Santa Clarita, CA 91321

Enclosed please find results of analyses of 22 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 45
Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 083007; Dup or Spiked Sample: 43776.01; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	ND	1.00	0.89	88.8	1.00	0.88	87.9	1.0	80-120	<15
Arsenic	ND	1.00	0.96	95.7	1.00	0.98	98.2	2.6	80-120	<15
Barium	2.19	1.00	3.18	99.0	1.00	3.15	96.0	3.1	80-120	<15
Beryllium	ND	1.00	0.99	98.9	1.00	0.98	98.2	<1	80-120	<15
Cadmium	0.022	1.00	0.97	95.0	1.00	0.98	95.7	<1	80-120	<15
Chromium	0.255	1.00	1.26	100	1.00	1.24	98.5	1.5	80-120	<15
Cobalt	0.177	1.00	1.13	95.3	1.00	1.14	96.3	1.0	80-120	<15
Copper	0.322	1.00	1.42	110	1.00	1.40	108	1.8	80-120	<15
Lead	0.041	1.00	0.94	89.5	1.00	0.94	90.1	<1	80-120	<15
Mercury (By EPA 7471)	0.001	0.01	0.01	96.0	0.01	0.01	98.0	2.1	80-120	<15
Molybdenum	0.043	1.00	1.01	96.7	1.00	1.00	95.7	1.0	80-120	<15
Nickel	0.178	1.00	1.12	94.2	1.00	1.13	95.2	1.1	80-120	<15
Selenium	ND	1.00	0.81	80.9	1.00	0.81	81.0	<1	80-120	<15
Silver	ND	1.00	1.06	106	1.00	1.05	105	<1	80-120	<15
Thallium	0.015	1.00	0.97	95.1	1.00	0.95	93.7	1.5	80-120	<15
Vanadium	0.626	1.00	1.64	101	1.00	1.63	100	<1	80-120	<15
Zinc	0.988	1.00	1.93	94.2	1.00	1.93	94.2	<1	80-120	<15

QC Batch No: 083007; Dup or Spiked Sample: 43776.01; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Antimony	1.00	0.96	95.5	80-120						
Arsenic	1.00	1.11	111	80-120						
Barium	1.00	0.97	96.6	80-120						
Beryllium	1.00	0.91	91.0	80-120						
Cadmium	1.00	0.90	90.4	80-120						
Chromium	1.00	0.90	90.2	80-120						
Cobalt	1.00	0.90	89.6	80-120						
Copper	1.00	0.89	89.1	80-120						
Lead	1.00	0.86	86.1	80-120						
Mercury (By EPA 7471)	0.01	0.01	94.6	80-120						
Molybdenum	1.00	0.88	87.6	80-120						
Nickel	1.00	0.90	89.7	80-120						
Selenium	1.00	0.88	87.9	80-120						
Silver	1.00	0.92	92.3	80-120						
Thallium	1.00	0.82	81.5	80-120						

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 083007; Dup or Spiked Sample: 43776.01; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Vanadium	1.00	0.91	91.0	80-120						
Zinc	1.00	0.91	90.6	80-120						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: **47**

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 082907; Dup or Spiked Sample: 082907; LCS: Clean Sand; QC Prepared: 08/29/2007; QC Analyzed: 08/29/2007; Units: ppb

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.0	50.00	42.30	84.6	50.00	42.95	85.9	1.5	75-125	<20
Chlorobenzene	0.0	50.00	42.70	85.4	50.00	39.65	79.3	7.4	75-125	<20
1,1-Dichloroethene	0.0	50.00	45.90	91.8	50.00	53.00	106	14.4	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0	50.00	58.50	117	50.00	55.50	111	5.3	75-125	<20
Toluene (Methyl benzene)	0.0	50.00	51.00	102	50.00	54.50	109	6.6	75-125	<20
Trichloroethene	0.0	50.00	41.20	82.4	50.00	46.35	92.7	11.8	75-125	<20

QC Batch No: 082907; Dup or Spiked Sample: 082907; LCS: Clean Sand; QC Prepared: 08/29/2007; QC Analyzed: 08/29/2007; Units: ppb

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit
Benzene	50.00	43.45	86.9	75-125
Chlorobenzene	50.00	40.95	81.9	75-125
1,1-Dichloroethene	50.00	44.10	88.2	75-125
Methyl-tert-butyl ether (MTBE)	50.00	58.00	116	75-125
Toluene (Methyl benzene)	50.00	48.30	96.6	75-125
Trichloroethene	50.00	42.95	85.9	75-125
LCS				
Chloroform (Trichloromethane)	50.00	54.50	109	75-125
Ethylbenzene	50.00	42.45	84.9	75-125
1,1,1-Trichloroethane	50.00	53.00	106	75-125
o-Xylene	50.00	44.30	88.6	75-125
m,p-Xylenes	100.00	80.00	80.0	75-125

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 48

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 083007; Dup or Spiked Sample: 083007; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007; Units: ppb

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.0	50.00	52.00	104	50.00	48.45	96.9	7.1	75-125	<20
Chlorobenzene	0.0	50.00	49.70	99.4	50.00	45.70	91.4	8.4	75-125	<20
1,1-Dichloroethene	0.0	50.00	46.00	92.0	50.00	42.85	85.7	7.1	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0	50.00	44.20	88.4	50.00	44.10	88.2	<1	75-125	<20
Toluene (Methyl benzene)	0.0	50.00	47.55	95.1	50.00	44.35	88.7	7.0	75-125	<20
Trichloroethene	0.0	50.00	54.00	108	50.00	49.95	99.9	7.8	75-125	<20

QC Batch No: 083007; Dup or Spiked Sample: 083007; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007; Units: ppb

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzene	50.00	51.00	102	75-125						
Chlorobenzene	50.00	45.40	90.8	75-125						
1,1-Dichloroethene	50.00	43.95	87.9	75-125						
Methyl-tert-butyl ether (MTBE)	50.00	46.70	93.4	75-125						
Toluene (Methyl benzene)	50.00	43.20	86.4	75-125						
Trichloroethene	50.00	52.50	105	75-125						
LCS										
Chloroform (Trichloromethane)	50.00	42.60	85.2	75-125						
Ethylbenzene	50.00	41.75	83.5	75-125						
1,1,1-Trichloroethane	50.00	45.60	91.2	75-125						
o-Xylene	50.00	43.45	86.9	75-125						
m,p-Xylenes	100.00	86.40	86.4	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 49

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 082807; Dup or Spiked Sample: 1743.01; LCS: Clean Sand; QC Prepared: 08/28/2007; QC Analyzed: 08/30/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.0	500.00	450	90.0	500.00	485.00	97.0	7.5	75-125	<20

QC Batch No: 082807; Dup or Spiked Sample: 1743.01; LCS: Clean Sand; QC Prepared: 08/28/2007; QC Analyzed: 08/30/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500.00	460.00	92.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 50

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 083007; Dup or Spiked Sample: 43803.03; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/31/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.0	500.00	485	97.0	500.00	490.00	98.0	1.0	75-125	<20

QC Batch No: 083007; Dup or Spiked Sample: 43803.03; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/31/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500.00	470.00	94.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: **51**

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082707; Dup or Spiked Sample: 082707; LCS: Clean Sand; QC Prepared: 08/27/2007; QC Analyzed: 08/27/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.55	102	2.50	2.48	99.0	3.0	75-125	<20

QC Batch No: 082707; Dup or Spiked Sample: 082707; LCS: Clean Sand; QC Prepared: 08/27/2007; QC Analyzed: 08/27/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.48	99.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 52

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082807; Dup or Spiked Sample: 082807; LCS: Clean Sand; QC Prepared: 08/28/2007; QC Analyzed: 08/28/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.58	103	2.50	2.55	102	<1	75-125	<20

QC Batch No: 082807; Dup or Spiked Sample: 082807; LCS: Clean Sand; QC Prepared: 08/28/2007; QC Analyzed: 08/28/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.58	103	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 53

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 082907; Dup or Spiked Sample: 082907; LCS: Clean Sand; QC Prepared: 08/29/2007; QC Analyzed: 08/29/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.58	103	2.50	2.50	100	3.0	75-125	<20

QC Batch No: 082907; Dup or Spiked Sample: 082907; LCS: Clean Sand; QC Prepared: 08/29/2007; QC Analyzed: 08/29/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.50	100	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 54

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 083007; Dup or Spiked Sample: 083007; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.53	101	2.50	2.50	100	<1	75-125	<20

QC Batch No: 083007; Dup or Spiked Sample: 083007; LCS: Clean Sand; QC Prepared: 08/30/2007; QC Analyzed: 08/30/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.48	99.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 55

Project ID: AVRY607A

AETL Job Number	Submitted	Client
43755	08/27/2007	ATKINS

Method: 9045C, Soil and Waste pH

QC Batch No: 082707; Dup or Spiked Sample: 43755.1; LCS: Clean Sand; LCS Prepared: 08/27/2007; LCS Analyzed: 08/27/2007; Units: pH unit

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit		
pH	7.50	7.52	<1	<15	7.00	7.00	100	80-120		

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

№ 48089

AETL JOB No. 43902

COMPANY: Atkins Environmental HELP
PROJECT MANAGER: BJ Atkins
COMPANY ADDRESS:
PHONE: 661-260-2260
FAX: 661-253-3555
PROJECT NAME: AVR4607A
PROJECT #: AVR4607A
SITE NAME AND ADDRESS: 22520 Lyons & 22515 9th
PO #:

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015M Full Range	TEST INSTRUCTIONS & COMMENTS
1 551	43902.01	9/6/07	8:40	Soil	Soil Sleeve	None	X	Return Sleeves to Ultimatech
2 552	43902.02		9:00				X	
3 553	43902.03		9:20				X	
4 554	43902.04		9:40				X	
5 555	43902.05		10:00				X	
6 556	43902.06		10:20				X	
7 557	43902.07		10:40				X	
8 558	43902.08		11:00				X	
9 559	43902.09		11:20				X	
10 5510	43902.10		11:40				X	
11 5511	43902.11		12:40				X	
12 5512	43902.12		1:00				X	
13 5513	43902.13		1:20				X	
14 5514	43902.14		1:40				X	
15 5515	4390.215		2:00				X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS		PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ ~~24 HRS.~~ Next day ☐ ~~48 HRS.~~ 2 days ☐ ~~72 HRS.~~ 3 days

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: BJ Atkins	Signature:	Signature:
Printed Name: B.J. Atkins	Printed Name:	Printed Name: Jim Lin
Date: 9/6/07 Time: 1915	Date: Time:	Date: 9-7-07 Time: 0830
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature:	Signature:	Signature: Voitaire
Printed Name: Jim Lin	Printed Name:	Printed Name: Jhan claude
Date: 9-6-07 Time: 1915	Date: Time:	Date: 9-7-07 Time: 0830

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attention: B.J. Atkins

Number of Pages 11
Date Received 09/07/2007
Date Reported 09/12/2007

Job Number	Order Date	Client
43902	09/07/2007	ATKINS

Project ID: AVRY607A
Site: 22520 Lyons Street
22515 9th
Newhall, CA 91321

Enclosed please find results of analyses of 15 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 10
Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 090707; Dup or Spiked Sample: 090707; LCS: Clean Sand; QC Prepared: 09/07/2007; QC Analyzed: 09/08/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.0	500.00	415	83.0	500.00	395.00	79.0	4.9	75-125	<20

QC Batch No: 090707; Dup or Spiked Sample: 090707; LCS: Clean Sand; QC Prepared: 09/07/2007; QC Analyzed: 09/08/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500.00	410.00	82.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Street
22515 9th
Newhall, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 11
Project ID: AVRY607A

AETL Job Number	Submitted	Client
43902	09/07/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 090707; Dup or Spiked Sample: 090707; LCS: Clean Sand; QC Prepared: 09/07/2007; QC Analyzed: 09/07/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.55	102	2.50	2.50	100	2.0	75-125	<20

QC Batch No: 090707; Dup or Spiked Sample: 090707; LCS: Clean Sand; QC Prepared: 09/07/2007; QC Analyzed: 09/07/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.55	102	75-125						

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

№ 51598

AETL JOB No. 45006

COMPANY: Atkins Environmental ACLP, Inc.
PROJECT MANAGER: B. J. Atkins
COMPANY ADDRESS: P.O. Box 222320, Santa Clarita
PHONE:
FAX: 661 253 3553
PROJECT NAME: Avery Subsurface Investigation
PROJECT #: AVRY607A
SITE NAME AND ADDRESS: 22520 Lyons Ave, Newhall, CA 91321
PO #:

ANALYSIS REQUESTED

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015m Full Range	8260B	CAM Metals	TEST INSTRUCTIONS & COMMENTS
1	B-8-5'	45006.01	12/3/07	7:45A	Soil	1.5"x6" SS	None	X			
2	B-8-10'	45006.02	↓	7:50A	↓	↓	↓	X			
3	B-8-15'	45006.03		7:55A				X	X	X	
4	B-8-20'	45006.04		8:00A				X	X	X	
5	B-8-25'	45006.05		8:10A				X			
6	B-8-30'	45006.06		8:15A				X			
7	B-8-35'	45006.07		8:25A				X			
8	B-8-40'	45006.08	↓	8:30A	↓	↓	↓	X			
9	B-9-5'	45006.09		9:00A				X			
10	B-9-10'	45006.10		9:05A				X			
11	B-9-15'	45006.11		9:10A				X	X	X	
12	B-9-20'	45006.12		9:15A				X	X	X	
13	B-9-25'	45006.13		9:20A				X			
14	B-9-30'	45006.14		9:25A				X			
15	B-9-35'	45006.15	↓	9:30A	↓	↓	↓	X			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED (Y) N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y) N / NA	
RECEIVED IN GOOD COND. (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☒ NORMAL 5-Day ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: B.J. Atkins	Signature:	Signature:
Printed Name: B. J. Atkins	Printed Name:	Printed Name: Jim Lin
Date: 12/3/07 Time:	Date: Time:	Date: 12/3/07 Time: 1240
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature:	Signature:	Signature:
Printed Name: Jim Lin	Printed Name:	Printed Name:
Date: 12/3/07 Time:	Date: Time:	Date: 12/3/07 Time: 1240

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

№ 49958

AETL JOB No. 45006

COMPANY: Atkins Environmental HELP, Inc.
PROJECT MANAGER: B. J Atkins
COMPANY ADDRESS: P.O. Box 222320
PHONE:
FAX: 661 253 3533
PROJECT NAME: Avery Subsurface Investigation
PROJECT #: AVR1607A
SITE NAME AND ADDRESS: 22520 Lyons Ave, Newhall, CA 91321
PO #:

ANALYSIS REQUESTED

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8015M Full Range	8260B	CAM Metals	TEST INSTRUCTIONS & COMMENTS
1	B-9-40'	45006.16	12/3/07	9:35A	Soil	1.5"x6"SS	None	X			
2	B-10-5'	45006.17		10:00A				X			
3	B-10-10'	45006.18		10:05A				X			
4	B-10-15'	45006.19		10:10A				X	X	X	
5	B-10-20'	45006.20		10:15A				X	X	X	
6	B-10-25'	45006.21		10:20A				X			
7	B-10-30'	45006.22		10:25A				X			
8	B-10-35'	45006.23		10:30A				X			
9	B-10-40'	45006.24		10:40A				X			
10											
11											
12											
13											
14											
15											

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	9	PROPERLY COOLED	Y / N / NA
CUSTODY SEALS Y / N / NA		SAMPLES INTACT	Y / N / NA
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED	Y / N

TURN AROUND TIME

☒ NORMAL 5 Day ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: B J Atkins	Signature:	Signature:
Printed Name: B. J. Atkins	Printed Name:	Printed Name: Jim Lin
Date: 12/3/07 Time: 1215	Date: Time:	Date: 12-3-07 Time: 1280
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature:	Signature:	Signature:
Printed Name: Jim Lin	Printed Name:	Printed Name:
Date: 12-3-07 Time: 1215	Date: Time:	Date: 12-3-07 Time: 1280

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attention: B.J. Atkins

Number of Pages 28
Date Received 12/03/2007
Date Reported 12/14/2007

Job Number	Order Date	Client
45006	12/03/2007	ATKINS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation
Site: 22520 Lyons Avenue
Santa Clarita, CA 91321

Enclosed please find results of analyses of 24 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 22

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QUALITY CONTROL REPORT

QC Batch No: 120707-01; Dup or Spiked Sample: 45006.03; LCS: Clean Sand; QC Prepared: 12/07/2007; QC Analyzed: 12/07/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.019	1.00	1.15	113	1.00	1.15	113	<1	80-120	<15
Arsenic	0.000	1.00	1.06	106	1.00	1.05	105	<1	80-120	<15
Barium	2.07	1.00	3.14	107	1.00	3.19	112	4.6	80-120	<15
Beryllium	0.000	1.00	1.19	119	1.00	1.20	120	<1	80-120	<15
Cadmium	0.038	1.00	1.14	110	1.00	1.17	113	2.7	80-120	<15
Chromium	0.551	1.00	1.63	108	1.00	1.68	113	4.5	80-120	<15
Cobalt	0.247	1.00	1.34	109	1.00	1.35	110	<1	80-120	<15
Copper	0.913	1.00	2.09	118	1.00	2.11	120	1.7	80-120	<15
Lead	0.060	1.00	1.13	107	1.00	1.14	108	<1	80-120	<15
Mercury (By EPA 7471)	0.000	0.01	0.01	94.5	0.01	0.01	91.0	3.8	80-120	<15
Molybdenum	0.000	1.00	1.14	114	1.00	1.16	116	1.7	80-120	<15
Nickel	0.298	1.00	1.39	109	1.00	1.40	110	<1	80-120	<15
Selenium	0.000	1.00	1.14	114	1.00	1.12	112	1.8	80-120	<15
Silver	0.000	1.00	1.11	111	1.00	1.13	113	1.8	80-120	<15
Thallium	0.000	1.00	0.73 M	73.3	1.00	0.77 M	76.5	4.3	80-120	<15
Vanadium	1.01	1.00	2.12	111	1.00	2.18	117	5.3	80-120	<15
Zinc	1.11	1.00	2.23	112	1.00	2.26	115	2.6	80-120	<15

QC Batch No: 120707-01; Dup or Spiked Sample: 45006.03; LCS: Clean Sand; QC Prepared: 12/07/2007; QC Analyzed: 12/07/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Antimony	1.00	0.88	88.4	80-120						
Arsenic	1.00	0.88	88.1	80-120						
Barium	1.00	0.89	89.0	80-120						
Beryllium	1.00	1.00	99.6	80-120						
Cadmium	1.00	0.90	90.0	80-120						
Chromium	1.00	0.88	88.2	80-120						
Cobalt	1.00	0.89	88.9	80-120						
Copper	1.00	0.87	86.6	80-120						
Lead	1.00	0.87	87.0	80-120						
Mercury (By EPA 7471)	0.01	0.01	104	80-120						
Molybdenum	1.00	0.90	90.2	80-120						
Nickel	1.00	0.89	88.5	80-120						
Selenium	1.00	0.90	89.8	80-120						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

QC Batch No: 120707-01; Dup or Spiked Sample: 45006.03; LCS: Clean Sand; QC Prepared: 12/07/2007; QC Analyzed: 12/07/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Silver	1.00	0.85	85.1	80-120						
Thallium	1.00	0.89	89.1	80-120						
Vanadium	1.00	0.89	88.8	80-120						
Zinc	1.00	0.92	92.4	80-120						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 24

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QUALITY CONTROL REPORT

QC Batch No: 120707-1; Dup or Spiked Sample: 120707; LCS: Clean Sand; QC Prepared: 12/07/2007; QC Analyzed: 12/07/2007; Units: ppb

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.0	50.00	51.50	103	50.00	50.50	101	2.0	75-125	<20
Chlorobenzene	0.0	50.00	43.20	86.4	50.00	45.95	91.9	6.2	75-125	<20
1,1-Dichloroethene	0.0	50.00	41.95	83.9	50.00	46.20	92.4	9.6	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0	50.00	57.50	115	50.00	55.50	111	3.5	75-125	<20
Toluene (Methyl benzene)	0.0	50.00	41.95	83.9	50.00	44.50	89.0	5.9	75-125	<20
Trichloroethene	0.0	50.00	47.90	95.8	50.00	48.65	97.3	1.6	75-125	<20

QC Batch No: 120707-1; Dup or Spiked Sample: 120707; LCS: Clean Sand; QC Prepared: 12/07/2007; QC Analyzed: 12/07/2007; Units: ppb

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzene	50.00	52.00	104	75-125						
Chlorobenzene	50.00	47.90	95.8	75-125						
1,1-Dichloroethene	50.00	43.70	87.4	75-125						
Methyl-tert-butyl ether (MTBE)	50.00	54.00	108	75-125						
Toluene (Methyl benzene)	50.00	45.80	91.6	75-125						
Trichloroethene	50.00	49.85	99.7	75-125						
LCS										
Chloroform (Trichloromethane)	50.00	51.00	102	75-125						
Ethylbenzene	50.00	46.65	93.3	75-125						
1,1,1-Trichloroethane	50.00	51.00	102	75-125						
o-Xylene	50.00	46.80	93.6	75-125						
m,p-Xylenes	100.00	90.90	90.9	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 25

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 120407; Dup or Spiked Sample: 44989.02; LCS: Clean Sand; QC Prepared: 12/04/2007; QC Analyzed: 12/08/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.0	500.00	525	105	500.00	500.00	100	4.9	75-125	<20

QC Batch No: 120407; Dup or Spiked Sample: 44989.02; LCS: Clean Sand; QC Prepared: 12/04/2007; QC Analyzed: 12/08/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500.00	470.00	94.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 26

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 120407-1; Dup or Spiked Sample: 120407-1; LCS: Clean Sand; QC Prepared: 12/04/2007; QC Analyzed: 12/09/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.0	500.00	465	93.0	500.00	490.00	98.0	5.2	75-125	<20

QC Batch No: 120407-1; Dup or Spiked Sample: 120407-1; LCS: Clean Sand; QC Prepared: 12/04/2007; QC Analyzed: 12/09/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C13-C22)	500.00	465.00	93.0	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Telephone: (661)260-2260
Attn: B.J. Atkins

Page: 27

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 120607; Dup or Spiked Sample: 120607; LCS: Clean Sand; QC Prepared: 12/06/2007; QC Analyzed: 12/06/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.60	104	2.50	2.55	102	1.9	75-125	<20

QC Batch No: 120607; Dup or Spiked Sample: 120607; LCS: Clean Sand; QC Prepared: 12/06/2007; QC Analyzed: 12/06/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.53	101	75-125						

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Atkins Environmental Help, Inc.
P.O. Box 222320
Santa Clarita, CA 91322-2320

Telephone: (661)260-2260
Attn: B.J. Atkins

Site

22520 Lyons Avenue
Santa Clarita, CA 91321

Page: 28

Project ID: AVRY607A
Project Name: Avery Subsurface Investigation

AETL Job Number	Submitted	Client
45006	12/03/2007	ATKINS

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QUALITY CONTROL REPORT

QC Batch No: 121307; Dup or Spiked Sample: 121307; LCS: Clean Sand; QC Prepared: 12/13/2007; QC Analyzed: 12/13/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.0	2.50	2.55	102	2.50	2.50	100	2.0	75-125	<20

QC Batch No: 121307; Dup or Spiked Sample: 121307; LCS: Clean Sand; QC Prepared: 12/13/2007; QC Analyzed: 12/13/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Gasoline and Light HC. (C4-C12)	2.50	2.50	100	75-125						

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Appendix E

Non-Hazardous Soils Manifest Weighmaster Certificate

(Documenting Soil Recycling)

Manifest

TPST Soil Recyclers of CA
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPST:	Load #
1-21-08	TRANSPORTER	127-227	A07	30469	0 0 1

Generator and/or Consultant

Generator's Name and Billing Address: AVERY SUBSURFACE INVESTIGATION, 22520 LYONS AVENUE, SANTA CLARITA, CA. 91321	Generator's Phone #:	Generator's US EPA ID No.
	Person to Contact:	
	FAX#:	Customer Account Number with TPST:
Consultant's Name and Billing Address: ENVIRONMENTAL RESOURCE, 19360 RINALDI STREET #416, PORTER RANCH, CA. 91326	Consultant's Phone #: (818) 631-6768	
	Person to Contact: CHUCK TAPIA	
	FAX#: (818) 366-0718	Customer Account Number with TPST:
Generation Site (Transport from): *(name & address)* AVERY SUBSURFACE INVESTIGATION, 22520 LYONS AVENUE, SANTA CLARITA, CA. 91321 (6)	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels
Designated Facility (Transport to): *(name & address)* TPST SOIL RECYCLERS OF CALIFORNIA, 12328 HIBISCUS AVE, ADELANTO, CA 92301	Facility Phone #: (800) 862-8001	Facility Permit Numbers
	Person to Contact: DELLENA JEFFERY	
	FAX#: (760) 246-8004	
Transporter Name and Mailing Address: W. A. WOODS INDUSTRIES, INC., 10120 WEST FRONTAGE ROAD, SOUTH GATE, CA 90280	Transporter's Phone #: (562) 927-1367	Transporter's US EPA ID No.: CAD009657545
	Person to Contact: DOUG BENSON	Transporter's DOT No.: 0057499
	FAX#: (562) 806-1859	Customer Account Number with TPST: 1000238

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑			5400	2200	3200
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑					1,160

List any exception to items listed above: Scale Ticket# 59962

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: RICHARD ORTEGA Generator ❑ Consultant ❑ Signature and date: [signature] Month 12 Day 27 Year 07

Transporter

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: DOUGLAS B. BENSON / MARK FOYE Signature and date: [signature] Month 12 Day 27 Year 07

01-21-08

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: D. JEFFERY / J. PROVANSAL Signature and date: [signature] 1/21/08

Please print or type.

GENERATOR/CONSULTANTS COPY

TPST Soil Recyclers of CA **ADE** 51962

12328 Hibiscus Ave. Adelanto, CA 92301

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Capter 7 (commencing with Section 12700) of Division 5 of the California Business and Professional Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Manifest Number: A3-0469 Load #: 1 1/21/2008

Generator Site Information:
AVERY SUBSERFACE INVESTIGATION
22520 LYONS AVE
SANTA CLARITA, CA 91321

Weighmaster Weighed at:
TPST SOIL RECYCLERS OF CALIFORNIA
12328 HIBISCUS AVE
ADELANTO, CA 92301

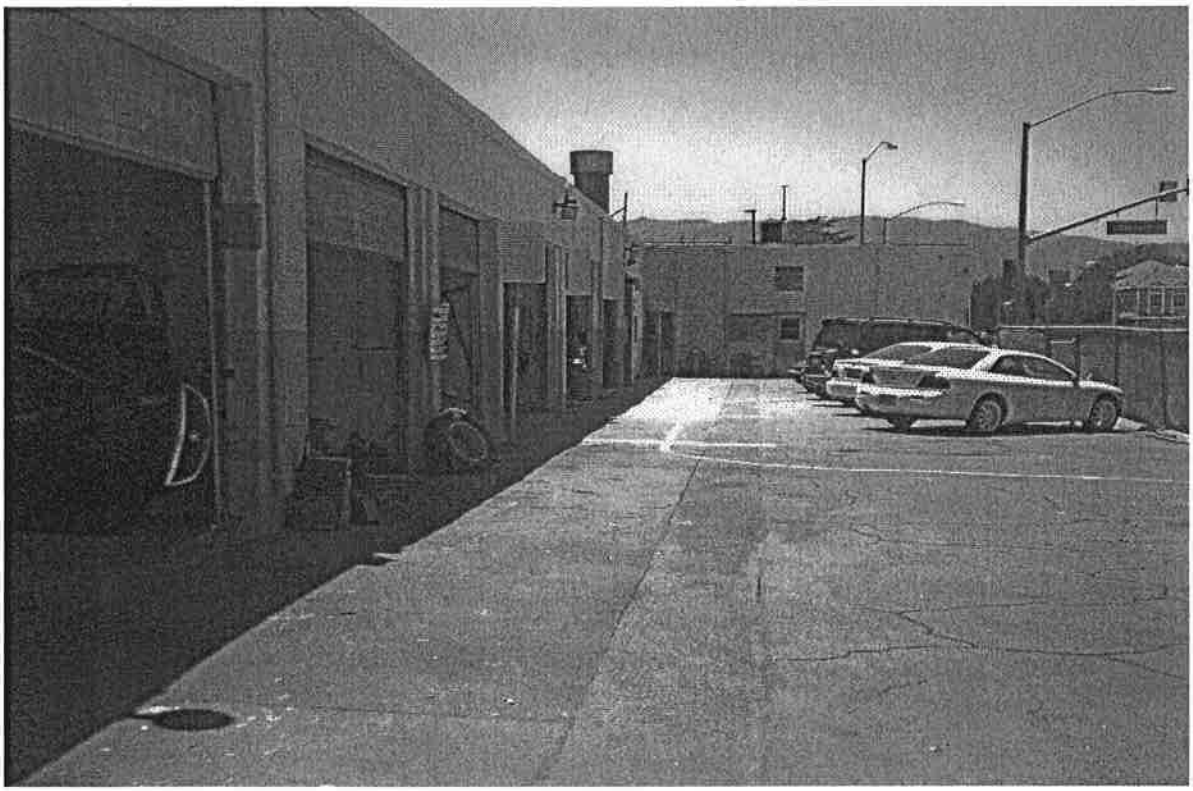
			Lbs	Tons	
D Jeffrey	**Time In:** 7:55:32 AM	**Gross Weight:**	5400	2.70	Manual Wt
D Jeffrey	**Time out:** 7:55:33 AM	**Tare Weight:**	2200	1.10	Manual Wt
		Net Weight:	3200	1.6	

Truck Number: 127
Trailer Number: 227
Commodity: Non Haz - Solids

Driver on Gross and Tare Transporter: WA WOODS - MARK

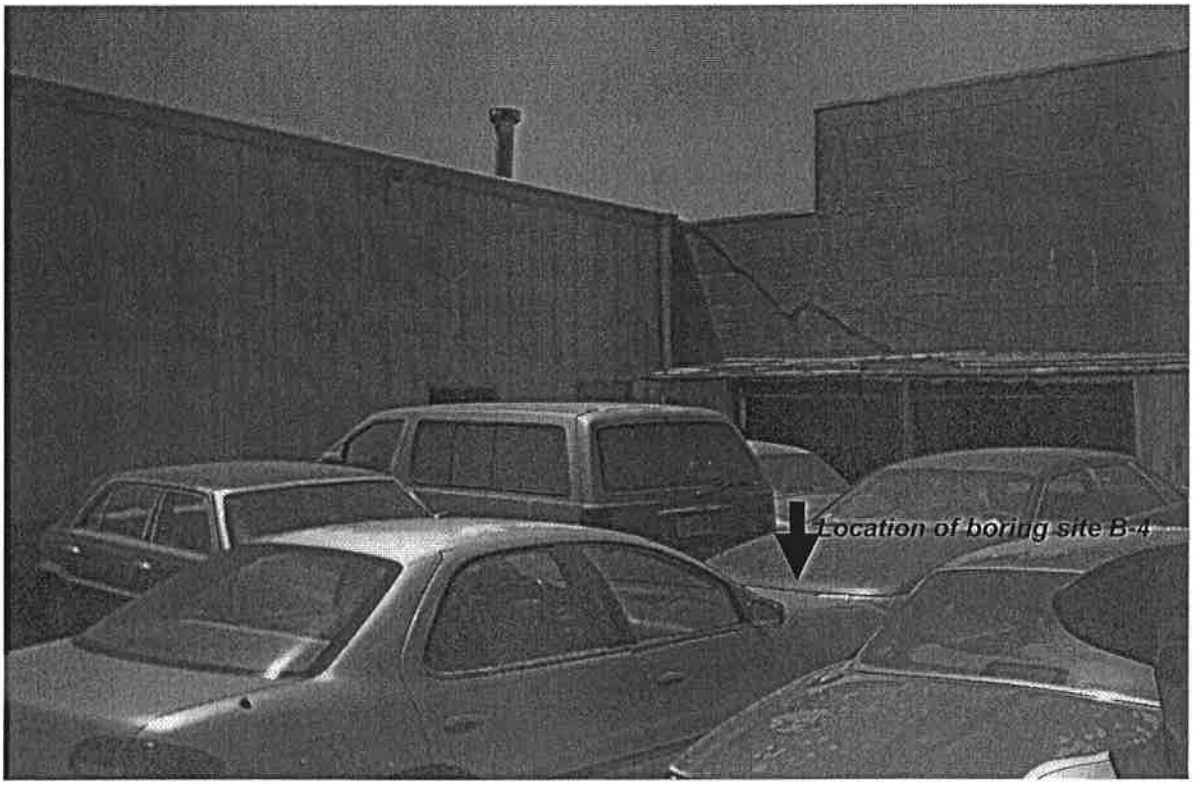
Appendix F

Site Photographs

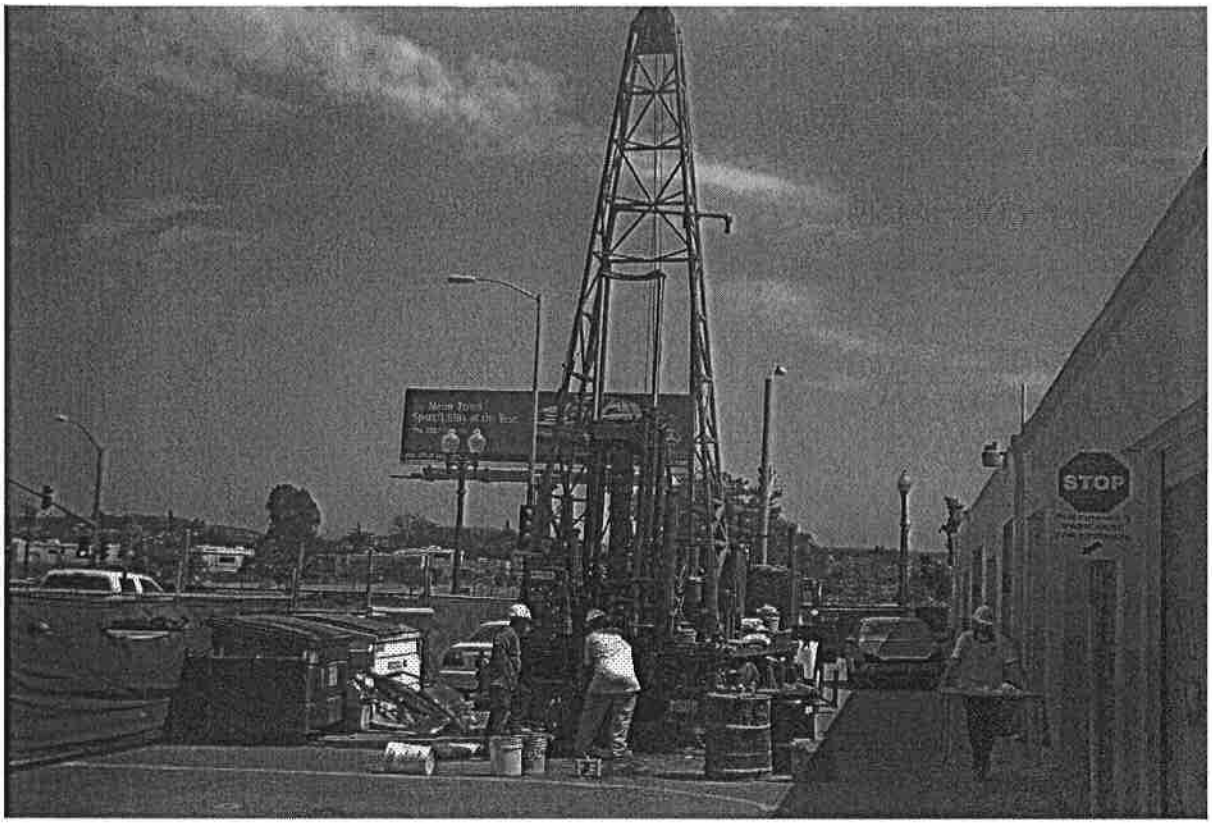


22520 Lyons Ave., Insurance Collision's Repair area parking

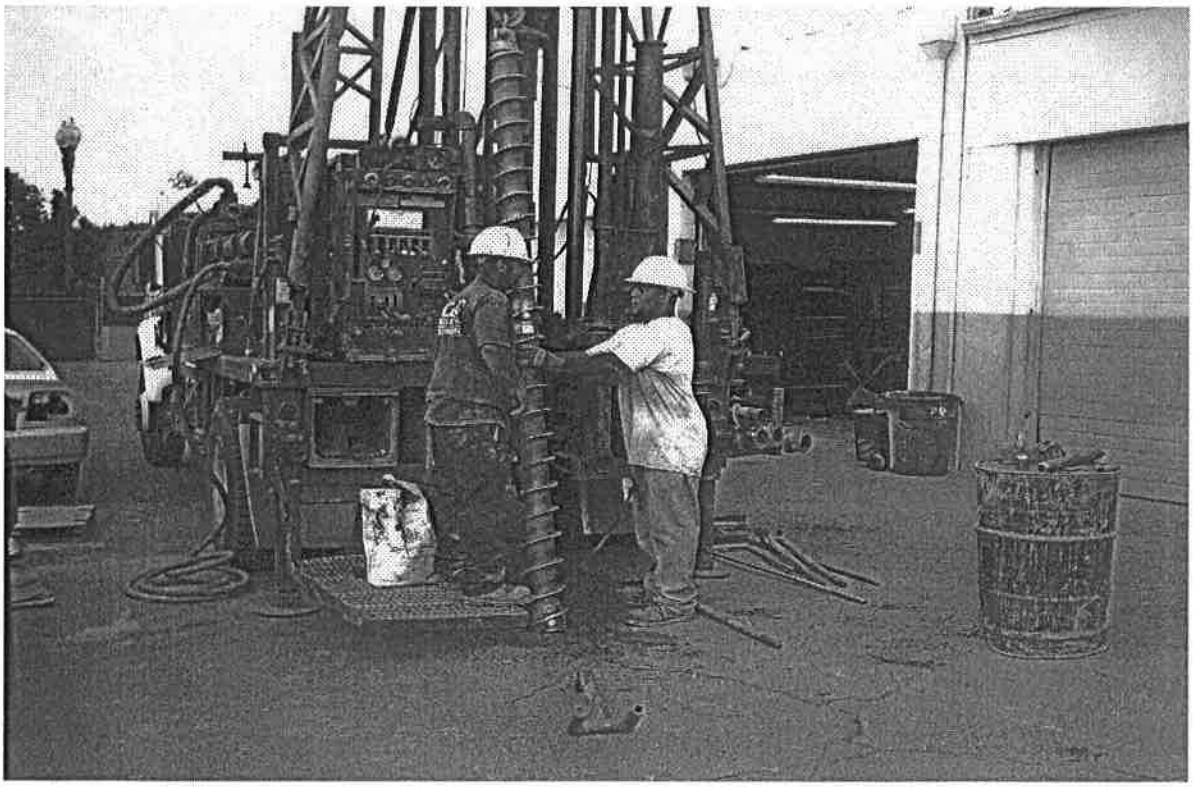
(site of B-1, B-2 B3)



22575 9th Street, general area of boring site B-4



Advancing boring B-2



B-2 Completed