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Alameda County
Environmental Health

February 27, 2009

Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway - Suite 250
Alameda, CA 94502-6577

Subject: Site Investigation & First Quarter 2009 Groundwater Monitoring Report
400 San Pablo Avenue, Albany, CA

Dear Jerry:

Enclosed is a copy of February 26, 2009 subject Site Investigation & Groundwater Monitoring and Sampling Report prepared by Enviro Soil Tech Consultants.

I declare, under penalty of perjury, that the information and/or recommendations contain in this report are true and correct to the best of my knowledge.

Sincerely,

Muray T Stevens, CEO
Kamur Industries Inc.

File No. 8-90-421-SI

SITE INVESTIGATION AND FIRST QUARTER OF 2009 GROUNDWATER MONITORING AT THE PROPERTY LOCATED AT 400 SAN PABLO AVENUE ALBANY, CALIFORNIA FEBRUARY 26, 2009

PREPARED FOR:
MR. MURRAY STEVENS
KAMUR INDUSTRIES, INC.
2351 SHORELINE DRIVE
ALAMEDA, CALIFORNIA 94501

BY:
ENVIRO SOIL TECH CONSULTATNS
131 TULLY ROAD
SAN JOSE, CALIFORNIA 95111

ENVIRO SOIL TECH CONSULTANTS

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Accutest Northern California Report No. C4228
Torrent Laboratory, Inc. Report No. 0902010
Accutest Northern California Report No. C4416

APPENDIX "J"

Summa Canister Information

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

February 26, 2009

File No. 8-90-421-SI

Mr. Murray Stevens
Kamur Industries, Inc.
2351 Shoreline Drive
Alameda, California 94501

SUBJECT: SITE INVESTIGATION AND FIRST QUARTER OF 2009 GROUNDWATER MONITORING AT THE PROPERTY
Located at 400 San Pablo Avenue, in
Albany, California

Dear Mr. Stevens:

This report presents results of work performed during the first quarter of 2009. Six soil vapor probes were drilled and tested, an additional monitoring well was installed, and two borings were drilled to determine the nature of the impermeable layer that was previously identified beneath the site. In addition, regular quarterly groundwater monitoring and sampling was conducted. Drilling was performed on February 3 and groundwater monitoring was done on February 12.

A copy of this report must be forwarded to Regional Water Quality Control Board-San Francisco Bay Region (RWQCB-SFBR) and Alameda County Health Care Services Agency (ACHCSA) for their comments and recommendations.

File No. 8-90-421-SI
February 26, 2009

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500 or via email at info@evirosoiltech.com.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

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SITE DESCRIPTION

The site is located at 400 San Pablo Avenue, in Albany, California, approximately one mile east of San Francisco Bay. The site is bordered by El Cerrito Creek to the north, San Pablo Avenue to the east and Adams Street to the west. The surrounding area is occupied by primarily light commercial and residential buildings and the California School for the Blind.

BACKGROUND

The site was vacant until the late 1950's when Plaza Car Wash and the adjacent Norge Dry Cleaners building were constructed. Three underground tanks for gasoline storage were installed in the northern part of the car wash property in 1970, and Plaza Car Wash began dispensing gasoline from a dispenser island located to the north of the car wash building (Figure 1).

Investigation at this site was prompted by an emergency response action in El Cerrito Creek on July 3, 1989. A small plume of immiscible liquid hydrocarbons was observed floating on the water surface just north of the dry cleaners property. The Albany Fire Department responded and installed absorbent materials and a containment boom around the plume. Subsequent inspection indicated that the hydrocarbon plume was entering the creek through a storm drain that discharges into the creek behind (northwest of) the dry cleaners. Investigation was then undertaken to discover the source of the plume.

The discovery and interim remediation of petroleum contamination in El Cerrito Creek was followed by several years of subsurface investigation and surface-water sampling by Enviro Soil Tech Consultants (ESTC) and others working on behalf of Kamur Industries.

Norge Dry Cleaners conducted no investigation of its own, but contamination beneath that property was investigated as part of the work being performed by Kamur Industries. Between 1989 and 2004, the underground gasoline storage tanks at the car wash were removed, gasoline-contaminated soil was excavated and disposed of, soil-vapor probes were installed and sampled, and soil borings and monitoring wells were drilled and sampled.

The extensive investigation performed on behalf of Kamur Industries produced a voluminous amount of data on groundwater flow patterns and soil and water contamination, and in August 2003, the ACEHSA requested Kamur Industries to submit a report summarizing the entire investigation. The purpose of the report was to enable ACEHSA to evaluate the status of the case and determine whether additional studies are needed to move the site toward case closure. Enviro Soil Tech Consultants submitted a report titled *Historical Events Report for Plaza Car Wash* in 2004 and revised it in May 2005. That report focused primarily on the tasks that had been performed and the procedures that were used, and ACEHSA subsequently requested a more comprehensive analysis of the site's hydrogeology and contamination history. ESTC completed a companion report titled *Site Conceptual Model for the Properties Located at 398 and 400 San Pablo Avenue* in February 2005.

ESTC submitted a Corrective Action Plan to ACEHSA in November 2007. A meeting to discuss the CAP and the current status of the project was held at the ACEHSA office in June 2008. The participants decided to put corrective action on hold at this time and instead perform additional investigation of the vertical and lateral extent of the groundwater impact. A work plan describing the proposed investigation was submitted in August 2008. This report presents the results of that additional investigation and includes the results of groundwater sampling in the first quarter of 2009.

SCOPE OF WORK

- Mobilize a hollow-stem auger drilling rig to the site and drill three borings.
- Mobilize a direct-push drilling rig and drill nine soil vapor probes.
- Collect soil samples at 5-foot intervals in each boring and prepare boring logs.
- Complete one of the borings as groundwater monitoring well STMW-7.
- Backfill the other two borings with neat cement.
- Collect a soil vapor sample from each vapor probe.
- Transmit soil and vapor samples to a certified analytical laboratory.
- Measure the depth to groundwater in wells MW-2, MW-3, and STMW-1 through STMW-7, and check for hydrocarbon sheen or floating product.
- Purge the wells of standing water.
- Collect water samples from each well.
- Submit samples to a state-certified analytical laboratory for the following analyses: TPHg, BTEX, gasoline oxygenates, and chlorinated hydrocarbons.
- Review the results and prepare a report.

DRILLING PROCEDURES AND RESULTS

The borings were drilled with a CME-75 drilling rig. Samples were collected in a California-modified split-spoon sampler at 5-foot intervals. Monitor well STMW-7 was terminated at a depth of 15 feet, but borings B-7 and B-8 were drilled deeper in order to

reach and penetrate a very hard, resistant horizon that had halted drilling with a cone-penetrometer drilling rig in November 2006. This resistant horizon had been encountered at a depth of 22 or 23 feet in the earlier CPT borings, and therefore the work plan called for coring B-7 and B-8 below this depth.

The logs for all three borings are in Appendix "D" and the boring locations are shown in Figure 2A. The three borings penetrated a mixture of gravel, sand and clay (fill material) to about 5 feet. From 5 to 20 feet, damp to moist clay was the predominant lithology, but both B-7 and STMW-7 encountered a thin sand lens at a depth of approximately 9 feet. The sand was wet in STMW-7, but only damp to moist in B-7. Moisture content increased downward in B-7 and B-8, and the sample that was collected at 20 feet consisted of wet, coarse-grained, poorly sorted, hard sand. This layer was very resistant, and 35 to 45 hammer blows were required to collect a 6-inch sample. Hardness increased downward, the drilling rate slowed, and collecting a sample at 22 feet required 65 hammer blows or more. The 22-foot sample in both borings was hard, dry, rock. This rock was fine grained or finely crystalline and tightly cemented, making it difficult to identify the exact mineralogic composition, but it appeared to be either cemented sandstone (perhaps Franciscan greywacke) or metavolcanic rock. The driller could not drill below 23 feet in B-8 or below 25 feet in B-7. Therefore, because this resistant layer was both dry and impermeable, no monitoring wells were installed adjacent to either boring.

As noted on the boring log of B-8, the field geologist detected hydrocarbon odors in a few samples. The odor was slight at 5 feet, strong at 10 feet, and intermediate at 15 feet. No odor was detected in the samples at 20 and 23 feet.

Borings B-7 and B-8 were backfilled with cement grout, but STMW-7 was completed as a monitoring well by installing slotted casing from 15 to 5 feet and blank casing from 5 feet to the surface. The casing was encased in a sand pack to a depth of 4 feet and the annular space was capped with 1 foot of bentonite pellets and 2 feet of grout. Drill cuttings from the three borings were placed in 55-gallon drums for later disposal.

SOIL VAPOR SAMPLING PROCEDURES

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A direct-push drilling rig was used to drill the six vapor probes at the locations shown in Figure 2. These borings were advanced by temporary steel probe driven approximately 2 feet into native soil (to the depth of 4 feet below surface). Perforations in the lower 2 feet of the probe allowed soil vapor to enter. A Summa canister was attached to the top end of the probe and was used to evacuate and clear air from the probe. A second Summa canister was then used to collect a sample (see Appendix "J"). The canisters were labeled and transported to the laboratory for analysis.

WELL DEVELOPMENT PROCEDURES

The newly installed well was purged and developed on February 6, 2009, prior being sample the first time. The wells were developed by hand-purging several casing volumes of water to tighten the sand pack and remove sediment from the well. Well development procedure detail is in Appendix "C".

GROUNDWATER MONITORING PROCEDURES AND RESULTS

ESTC staff monitored the wells on February 12. After the wells were opened, staff measured the depth to groundwater and purged each well. During purging, staff checked for the presence of floating product and/or any distinctive odor. The wells were purged of at least three well volumes of water and the purged water was stored in a large storage tank on site.

After purging, water samples were collected in a disposal bailer and transferred to 40-ml sample vials and stored in a cooled ice chest for later transmittal to the analytical laboratory.

Sampling equipment was decontaminated before and after sampling each well using Tri-sodium Phosphate (TSP) and water wash, followed by a double rinsing. Stringent chain-of-custody procedures were maintained during sample acquisition, storage and transport. The sampling was conducted in accordance with ESTC's Standard Operation Procedure (SOP) (Appendix "C") and ACHCSA's guidelines.

The depth to groundwater is tabulated in Table 5, and the groundwater elevation data are contoured in Figure 2. The static water level ranged from about 6 to 9 feet below ground level, depending on surface elevation. This is a few inches higher than in November 2008. However, as noted above, saturated soil in borings B-7 and B-8 was encountered only between 20 and 22 feet below grade. This implies that the water table is fairly strongly confined by the low-permeability clay that underlies the site, and most of the water is probably within the weathered sandstone (soil) layer at the top of the resistant bedrock horizon. It rises to less than 10 feet when the clay layer is breached to install a monitor well.

Contouring the elevation data shows that the piezometric surface sloped in a southerly direction in February (Figure 2). The surface remains slightly elevated at MW-3 in comparison to the other wells, which creates a southwest-trending "nose" in the contours in that portion of the site and imparts a westward slope to the piezometric surface there. The hydraulic gradient on the west side of this nose (i.e. west of STMW-5) is 0.0103 ft/ft. The elevation at STMW-7 is lower than expected, which causes the contours to be spaced closer together south of STMW-6. This implies a slightly steeper hydraulic gradient of 0.0225 ft/ft. in the southern part of the site.

EL CERRITO CREEK SURVEY

As requested by ACHCSA, a licensed surveyor was retained to survey the bed of El Cerrito Creek downstream of the site to determine whether the creek might be a potential receptor of hydrocarbons west of the site. The survey data and map are included in Appendix "B".

The creek bed falls from an elevation of 16 feet at the northeast end of the site to about 4 feet at the most distant survey point, which is 1000 feet west of the site. Projecting the hydraulic gradient of 0.0103 ft/ft from STMW-5 westward for a distance of 550 feet yields a projected fall of the water table of 5.66 feet over that distance. Subtracting this amount from the elevation at, STMW-5 yields a projected water table elevation of: 13.71-5.66 = 8.05 feet above sea level. The surveyed elevation of the creek bed at this location is 5.04 feet above sea level, or about 3 feet lower than the projected water table. This implies that the water depth in the creek should be 3 feet at that location. However, the creek bed was dry when the survey was performed, which indicates that the true water table elevation must have been less than 5 feet above sea level and the creek does not intercept the water table at the calculated 8 feet. This is probably due to the fact that the water-bearing zone beneath the site is actually deeper than the measured static water level (piezometric surface) and is perched on bedrock and confined beneath low-permeability clay. Hence, the true depth of the water-bearing zone or the water table west of the site cannot be reliably estimated by projecting the hydraulic gradient westward from the site. It is not known whether the same water-bearing zone that underlies the site also underlies the creek bed 550 feet to the west, nor whether the water table in that area is confined by low-permeability clay. Furthermore, the predominant contour trend beneath the site is in an east-west direction, implying that the

main groundwater flow direction is to the south rather than westward along El Cerrito Creek (this could be due to predominantly effluent flow out of El Cerrito Creek, or it may indicate that the water-bearing zone dips slightly to the south at the site). Therefore, surveying the creek bed and projecting the hydraulic gradient westward cannot be used to make reliable predictions about the potential for contaminated groundwater to discharge into the creek downstream of the site.

ANALYTICAL RESULTS

SOIL SAMPLES

Four soil samples from each boring and three from STMW-7 were preserved for laboratory analysis. The laboratory report is in Appendix "I", and the results are summarized in Table 1. Total Petroleum Hydrocarbons were detected in each boring, but concentrations in B-7 and STMW-7 were much lower than in B-8. In each case, the highest detected concentration was at 5 or 10 feet below grade, and concentrations decreased below this depth. The results are consistent with the fact that the field geologist did not detect hydrocarbon odors in B-7 or STMW-7 but noted that odor in B-8 was strong at 10 feet and decreased above and below this depth.

Volatile aromatic hydrocarbons were detected in B-7 and B-8, but not in STMW-7. All four BTEX compounds were detected at 15 feet in B-7, but none were detected at 10 or 20 feet and only benzene was detected at 5 feet. In B-8, all BTEX compounds were present at elevated concentrations at 5, 10, and 15 feet. Concentrations at 20 feet were three orders of magnitude lower, indicating a very sharp vertical concentration gradient between 15 and 20 feet. Examination of the log of B-8 indicates that the soil at this depth consists of stiff, pebbly clay, which is the low-permeability zone that confines groundwater beneath the site.

COMPOSITE SOIL SAMPLES

The samples from each boring were composited by the laboratory and analyzed in order to characterize the drill cuttings for subsequent disposal. Those results are also included in Appendix "I" and are tabulated in Table 2.

VAPOR SAMPLES

The laboratory results for the soil vapor samples are summarized in Table 3. Hydrocarbons within the gasoline range were detected in all samples, but none of the chromatograms resembled the gasoline standard. Samples VP-1 and VP-2 contained unidentified light hydrocarbons within the C5-C12 range, which shifted the chromatogram peak to the left of the gasoline standard, whereas samples VP-4, VP-5, and VP-6 contained heavy hydrocarbons that shifted the chromatograms to the right of the gasoline standard. Sample VP-3 contained discrete peaks within the C5-C12 range. These peaks could be due to the presence of chlorinated hydrocarbons such as PCE, because VP-3 is located close to the rear of the dry cleaning building.

Only VP-4, VP-5, and VP-6 contained any benzene, and no other BTEX compounds were detected in any of the probes.

WATER SAMPLES

The water samples from STMW-1 through STMW-4 and STMW-6 through STMW-7 were analyzed for TPHg and BTEX by EPA method 8015 and 8020. Samples from MW-2, MW-3, and STMW-5 were analyzed for these compounds plus MTBE and chlorinated hydrocarbons by EPA method 8260B. The results are summarized in Tables 4 and 5. The laboratory analytical report is included in Appendix "I", and the concentrations are contoured in Figures 3 and 4.

The TPHg concentration in STMW-1 was a few hundred parts per billion higher in February than in November, but all BTEX concentrations were similar or slightly lower than in November. Concentrations in this well have been declining for several quarters, and the Benzene concentration has not been above 10,000 µg/L since the second quarter of 2007. In STMW-2, the concentration of all analytes was much lower than in November, and concentrations were lower than in almost all previous quarters. Concentrations also declined in STMW-6, and a trend of declining concentrations in this well has begun to emerge.

TPHg and Benzene were detected in the new well (STMW-7) at concentrations of 762 µg/L and 0.62 µg/L, respectively. No other aromatic compounds were detected.

Hydrocarbon concentrations in MW-3 have also declined slightly since November. PCE and 1,2-DCA continue to be the predominant species, with lesser amounts of TCE.

CONCLUSIONS

In correspondence dated June 13, 2008, ACHSCA requested the following:

1. A survey of the profile of El Cerrito Creek to allow comparison of surface water and groundwater levels.

2. Further investigation of the resistant layer below 20 feet to determine whether it is a permeability barrier or a potential groundwater flow pathway.

3. Further investigation of the extent of groundwater contamination southwest of the site.

4. Investigation to assess the potential for vapor intrusion into site structures.

All four of these items were completed during this phase of investigation, and the methods and results of each have been discussed above. This section presents general conclusions resulting from these activities.

The groundwater flow direction continues to be away from El Cerrito Creek, in a general southerly or southwesterly direction. The static water level has risen slightly since the site was monitored in the fourth quarter of 2008 and is now at about the same depth as it was in the first quarter of 2008. However, borings B-7 and B-8 encountered groundwater at a depth of about 20 feet, within a thin (2 to 3-feet thick) layer of weathered sandstone. This layer is probably a weathering (soil) horizon at the top of the underlying bedrock, which is very hard, dry, and non-water-bearing. This implies that the water table is perched above this resistant horizon, and is rather strongly confined by the overlying clay that is present from 20 feet to about 5 feet below surface grade. When this low-permeability clay layer is breached by the drill, groundwater is able to rise to the prevailing piezometric level, which varies between about 6 and 9 feet most of the year in the central portion of the site and between 4 and 6 feet near El Cerrito Creek.

Soil samples from borings B-7 and B-8 indicate that the highest contaminant concentrations are between 10 and 15 feet in depth, and concentrations drop off rapidly below this depth and are near or below laboratory detection limits in the water-bearing weathered sandstone at 20 feet. This suggests that the elevated concentrations that have been detected in groundwater samples throughout the past several years are due to desorption of hydrocarbons from soil above a depth of 15 feet. Desorption into the groundwater occurs when it rises to the prevailing piezometric level after a monitor well has been installed, rather than by downward leaching of hydrocarbons until they reach the main water-bearing zone at 20 feet. This hypothesis is consistent with the data from water samples that were collected between 17 and 23 feet in the CPT borings that were

drilled in 2006, which contained much lower hydrocarbon concentrations than have historically been detected in water samples from the monitor wells at depths of 5-10 feet (see *Fourth Quarter of 2006 Drilling and Groundwater Monitoring Report* for this site). Where groundwater is able to rise into beds with slightly greater permeability, such as the sand bed that was encountered at 9 feet in B-7 and STMW-7, groundwater flow has carried dissolved hydrocarbons to the southwest, as demonstrated by monitor wells STMW-6 and STMW-7, which are beyond the area that was impacted by the original gasoline release from the underground storage tanks. Thin soil layers such as this might also allow chlorinated hydrocarbons released at the dry cleaners to migrate away from their source, which would explain why PCE and related solvents have been detected in MW-3, STMW-5, the Geoprobe borings at the north end of Adams Street, and in El Cerrito Creek.

That interpretation leads to the conclusion that remediation at this site and a reduction in groundwater contaminant concentrations should focus on reducing hydrocarbon concentrations within the impacted clayey soil between 5 and 15 feet below grade. A large mass of hydrocarbons was removed during soil excavation activities that were done in 1990, but some contaminated soil beyond the limits of the excavation and/or deeper than 10 feet was allowed to remain in place. This remaining soil serves as a residual source for groundwater contamination, although recent groundwater monitoring data show that groundwater concentrations in STMW-1 and STMW-2 are declining, which suggests that the residual source is gradually being depleted. In-situ remediation of clay soil is difficult and seldom very effective, due to its low permeability. Hence, methods such as vapor extraction, air sparging, Oxygen Releasing Compound® (ORC) injection, or bioremediation would probably not be cost effective. Groundwater extraction and treatment would probably be more successful, but would likely be a rather slow process due to the slow pumping rate that could be sustained in this type of soil. A more rapid and effective method would be a renewed attempt to remove the impacted soil through over-excavation.

LIMITATIONS

This report and the associated work have been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. The contents of this report reflect the conditions of the site at this particular time. The findings of this report are based on:

1) The observations of field personnel.
2) The results of laboratory analyses performed by a state-certified laboratory.

It is possible that variations in the soil and groundwater could exist beyond the points explored in this investigation. Also, changes in groundwater conditions of a property can occur with the passage of time due to variations in rainfall, temperature, regional water usage and other natural processes or the works of man on this property or adjacent properties.

This report is issued with the understanding that it is the responsibility of the owner or his/her representative to ensure that the information and recommendations contained herein are called to the attention of the Local Environmental Agency.

The services that ESTC provided have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or implied is made.

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "A"

TABLES

ENVIRO SOIL TECH CONSULTANTS

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February 26, 2009

TABLE 1
SUMMARY OF SOIL SAMPLES
ANALYTICAL RESULTS

Date	Sample No.	Depth (ft.)	TPHg mg/Kg	B µg/Kg	T µg/Kg	E µg/Kg	X µg/Kg
2/03/09	B-7-5	5	0.385	3.4	ND<4.9	ND<4.9	ND<9.9
↓	B-7-10	10	ND<0.1	ND<4.9	ND<4.9	ND<4.9	ND<9.9
↓	B-7-15	15	0.111	6.7	7.3	1.9	7.8
↓	B-7-20	20	ND<0.099	ND<5	ND<5	ND<5	ND<10
↓	B-8-5	5	1070	13600	3190	41800	124000
↓	B-8-10	10	325	9020	18200	9100	44700
↓	B-8-15	15	376	18300	34100	10000	49100
↓	B-8-20	20	0.0639**a**	8.5	8.5	1.6	7.5
↓	STMW-7-5	5	0.0865**ab**	ND<4.9	ND<4.9	ND<4.9	ND<9.8
↓	STMW-7-10	10	0.0939**ab**	ND<5	ND<5	ND<5	ND<9.9
↓	STMW-7-15	15	ND<0.099	ND<4.9	ND<4.9	ND<4.9	ND<9.9

TPHg – Total Petroleum Hydrocarbon as gasoline
B – Benzene
T – Toluene
E – Ethylbenzene
X – Total Xylenes
mg/Kg – Milligram per Kilograms
µg/Kg – Microgram per Kilograms
a – Indicates an estimated value
b – A typical pattern. Value due to non-target compound(s)

TABLE 2
SUMMARY OF COMPOSITE SOIL SAMPLES ANALYTICAL RESULTS

Date	Sample No.	TPHg mg/Kg	B µg/Kg	T µg/Kg	E µg/Kg	X µg/Kg
2/04/09	B-7-1-4	7.71**a**	ND<250	ND<250	ND<250	ND<500
↓	B-8-1-4	131	1380	4340	3050	13800
↓	STMW-7-1-4	ND<5	ND<250	104**b**	ND<250	ND<500

TPHg – Total Petroleum Hydrocarbon as gasoline
B – Benzene
T – Toluene
E – Ethylbenzene
X – Total Xylenes
mg/Kg – Milligram per Kilograms
µg/Kg – Microgram per Kilograms
a – A typical pattern. Value due to unknown hydrocarbon
b – Indicates an estimated value

TABLE 3
SUMMARY OF AIR SAMPLES RESULTS
IN MILLIGRAMS PER CUBIC METER (mg/m³)

Date	Sample No.	TPHg	B	T	E	X
2/03/09	VP-1	31000**a**	ND <0.0016	ND <0.00189	ND <0.00217	ND <0.00475
|	VP-2	190**a**	ND <0.0016	ND <0.00189	ND <0.00217	ND <0.00475
|	VP-3	78**b**	ND <0.0016	ND <0.00189	ND <0.00217	ND <0.00475
|	VP-4	2.6**c**	0.02	ND <0.00189	ND <0.00217	ND <0.00475
|	VP-5	32000**c**	55	ND <0.00189	ND <0.00217	ND <0.00475
↓	VP-6	66**c**	0.02	ND <0.00189	ND <0.00217	ND <0.00475

TPHg – Total Petroleum Hydrocarbons as gasoline
B – Benzene
T – Toluene
E – Ethylbenzene
X – Total Xylenes
ND – Not detected (below laboratory detection limit)
a – Sample chromatogram does not resemble gasoline standard pattern. TPH value includes light end non-target compounds within range of C5-C12 quantified as gasoline that biases the quantitation
b – Sample chromatogram does not resemble gasoline standard pattern. TPH value due to HVOC discrete peaks within range of C5-C12 quantified as gasoline that biases the quantitation
c – Result reported as a Stoddard solvent but sample chromatogram does not match any requested fuel standard pattern. TPH value due to presence of heavy end unidentified hydrocarbon peaks

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TABLE 4
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
3/11/91**a**	STMW-1 (100.62)	14	4-14	5.29*	95.33	No sheen or odor	850	100	7	ND <05	150	NA	NA	NA	NA	Not Analyzed
7/03/91**a**				5.10*	95.52	No sheen Mild petroleum odor	5100	1800	500	95	560	NA	NA	NA	NA	Not Analyzed
11/04/91**b**				5.83*	94.79	No sheen Mild petroleum odor	2055	760	54	ND <5	56	NA	NA	NA	NA	Not Analyzed
1/20/92**c**				5.79*	94.83	Light sheen Mild petroleum odor	4600	590	36	ND <0.5	190	NA	NA	NA	NA	Not Analyzed
5/07/92**d**				5.80*	94.82	No sheen Mild petroleum odor	4400	66	53	4	460	NA	NA	NA	NA	Not Analyzed
8/17/92**e**				5.77*	94.85	No sheen Mild petroleum odor	2700	31	18	19	67	NA	NA	NA	NA	Not Analyzed
12/10/92**e**				6.61*	94.01	Light sheen Mild petroleum odor	35000	54	79	83	220	NA	NA	NA	NA	Not Analyzed
3/18/93**e**				6.68*	93.94	L. rainbow sheen Mild petroleum odor	19000	49	52	55	180	NA	NA	NA	NA	Not Analyzed
7/13/93**e**				7.13*	93.49	NMFP Strong petro. odor	17000	34	43	48	170	NA	NA	NA	NA	Not Analyzed
10/11/93**f**				7.26*	93.36	NMFP Strong petro. odor	51000	2100	2400	530	2600	NA	NA	NA	NA	Not Analyzed
1/07/94**f**				7.15*	93.47	NMFP Strong petro. odor	29000	1500	1600	450	2500	NA	NA	NA	NA	Not Analyzed
4/16/94**f**				7.10*	93.52	NMFP Strong petro. odor	20000	1100	560	3300	1600	NA	NA	NA	NA	Not Analyzed
8/03/94**g**				5.70*	94.92	NMFP Strong petro. odor	43000	1000	1700	640	4700	NA	NA	NA	NA	Not Analyzed
11/08/94**g**				6.47*	94.15	Brown NMFP Strong petro. odor	92000	9000	12000	1600	9100	NA	NA	NA	NA	Not Analyzed
2/16/95**e**				6.96*	93.66	Rainbow sheen/NMFP Strong petroleum odor	150000	850	540	400	1200	NA	NA	NA	NA	Not Analyzed
5/19/95**e**				6.84*	93.78	Brown NMFP Strong petroleum odor	59000	400	330	170	610	NA	NA	NA	NA	Not Analyzed
8/18/95**e**	(96.81) Resurvey			4.64*	92.17	Brown NMFP Strong petroleum odor	300000	880	780	540	1700	NA	NA	NA	NA	Not Analyzed
11/30/95**e**				7.34*	89.47	Thick brown sheen spots Mild petroleum odor	67000	800	910	390	1500	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/29/96**e**	STMW-1 (96.81)	14	4-14	7.83*	88.98	NMFP Strong petroleum odor	71000	120	95	18	260	NA	ND <0.5	NA	ND <0.5	None Detected<0.5
6/07/96**e**				7.10*	89.71	NMFP Strong petroleum odor	140000	480	490	420	120	NA	ND <0.5	NA	ND <0.5	None Detected <0.5
11/14/96**e**				7.29*	89.52	Brown NMFP Mild petroleum odor	140000	480	490	420	1200	ND <0.5	NA	NA	NA	Not Analyzed
2/12/97**e**				6.96*	89.85	Rainbow sheen spots Strong petroleum odor	42000	210	190	60	190	ND <0.5	NA	NA	NA	Not Analyzed
5/15/97**e**				7.33*	89.48	Brown sheen spots Mild petroleum odor	15000	83	27	45	130	NA	NA	NA	NA	Not Analyzed
8/27/97**e**				7.46*	89.35	NMFP Strong petroleum odor	82000	110	52	66	400	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				6.94*	89.87	Rainbow sheen Strong petroleum odor	3700	43	18	9.1	25	ND <0.5	NA	NA	NA	Not Analyzed
3/24/98**e**				6.36*	90.45	Rainbow sheen Strong petroleum odor	10000	65	68	9	120	ND <0.5	NA	NA	NA	Not Analyzed
6/25/98**e**				6.94*	89.87	Rainbow sheen Strong petroleum odor	570	1.9	0.6	1.3	7.1	ND <0.5	NA	NA	NA	Not Analyzed
10/12/98**e**				7.18*	89.63	Rainbow sheen Strong petroleum odor	1000	2.4	2.1	3.2	6.9	ND <0.5	NA	NA	NA	Not Analyzed
1/12/99**e**				6.68*	90.13	Rainbow sheen Strong petroleum odor	6400	39	21	32	83	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				7.16*	89.65	Rainbow sheen Strong petroleum odor	2800	23	19	29	54	ND <0.5	NA	NA	NA	Not Analyzed
8/28/03				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
11/24/03 **h**				8.61*	88.20	Rainbow sheen Petroleum odor	180000	30000	47000	ND <5000	20000	ND <1000	ND <5000	ND< 10000	ND <5000	None Detected<5000
3/02/04**h**				8.58*	88.23	Rainbow sheen Petroleum odor	84000	4200	5300	1800	9100	ND <100	ND <2.5	ND <1000	ND <2.5	1,2,4-Trimethylbenzene 3200 1,3,5-Trimethylbenzene 860 Isopropylbenzene 100 Naphthalene 580

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
5.28/04**h**	STMW-1 (96.81)	14	4-14	8.71*	88.10	Rainbow sheen Strong petro. Odor	99000	20000	27000	4000	22000	ND <500	ND <250	ND <5000	ND <250	1,2,4-Trimethylbenzene 2500
8/25/04**h**				8.64*	8817	Rainbow sheen Petroleum odor	100000	12000	18000	4000	22000	ND <400	ND <200	ND <4000	ND <200	1,2,4-Trimethylbenzene 4800
11/22/04**h**				8.48*	88.33	Rainbow sheen Petroleum odor	140000	12000	16000	4200	27000	ND <400	ND <200	ND <4000	ND <200	1,2,4- Trimethylbenzene 9000 1,3,5-Tiimethylbenzne 2500
3/02/05**h**				8.52*	88.29	Rainbow sheen Petroleum odor	70000	9000	8700	2600	16000	ND <400	ND <200	ND <4000	ND <200	1,2,4-Trimethylbenzene 4100
5/23/05**h**				8.98*	87.83	Rainbow sheen Petroleum odor	140000	17000	19000	4700	27000	ND <400	ND <200	ND <4000	ND <200	1,2,4-Trimethylbenzene 5700 Methylene Chloride 3400**n**
8/22/05**h**				8.08*	88.73	Rainbow sheen Petroleum odor	92000	11000	8900	3200	19000	ND <250	ND <120	ND <2500	ND <125	1,2,4-Trimethylbenzene 4600 1,3,5-Trimethylbenzene 1300 Chloroform 140
11/22/05**h**				9.00*	87.81	Rainbow sheen Petroleum odor	87000	14000	9200	3600	23000	140	ND <50	ND <4000	ND <50	1,2,4-Trimethylbenzene 5200 1,3,5-Trimethylbenzene 1200 Isopropylbenzene 150 n-Propylbenzene 540 Naphthalene 850
2/25/06**h**				8.66*	88.15	Rainbow sheen Petroleum odor	92000	13000	9200	3500	24000	ND <400	ND <200	ND <4000	ND <200	1,2,4-Trimethylbenzene 4400
5/30/06**h**				8.72*	88.09	Rainbow sheen Petroleum odor	80000	14000	4500	2400	11000	ND <250	ND <120	ND <2500	ND <120	1,2,4-Trimethylbenzene 4500
8/24/06**h**				8.66*	88.15	Rainbow sheen Petroleum odor	45000	6400	1900	2000	9800	ND <100	ND <50	ND <1000	ND <50	1,2,4-Trimethylbenzene 2900 1,3,5-Trimethylbenzene 790
12/11/06**h**				8.22*	88.59	Rainbow sheen Petroleum odor	42000	7500	1200	2300	8900	ND <100	ND <50	ND <1000	ND <50	1,2,4-Trimethylbenzene 3400 1,3,5-Trimethylbenzene 870 Naphthalene 620
2/27/07**h**				8.14*	88.67	Rainbow sheen Petroleum odor	350000	17000	4200	4100	22000	ND <250	ND <120	ND <2500	ND <120	1,2,4-Trimethylbenzene 9000 1,3,5-Trimethylbenzene 2600
5/24/07**h**				8.84*	87.97	Rainbow sheen Petroleum odor	100000	15000	5300	2200	14000	ND <250	ND <120	ND <2500	ND <120	1,2,4-Trimethylbenzene 3200

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
8/16/07**h**	STMW-1 (21.94)● resurvey	14	4-14	10.98*	10.96	Rainbow sheen Petroleum odor	76000	4900	1400	1500	7700	ND <100	ND <50	ND <1000	ND <50	1,2,4-Trimethylbenzene 3400 1,3,5-Trimethylbenzene 870 Naphthalene 640
11/28/07				8.90*	13.04	Rainbow sheen Petroleum odor	67000	7600	1700	1600	6900	ND <120	ND 62	ND <1200	ND <62	1,2,4-Trimethylbenzene 3000 1,3,5-Trimethylbenzene 840
2/20/08				8.36*	13.58	Rainbow sheen Petroleum odor	12000	2100	140	490	940	ND <40	ND <20	ND <400	ND <20	1,2,4-Trimethylbenzene 640 1,3,5-Trimethylbenzene 200
5/23/08				8.58*	13.36	Rainbow sheen Petroleum odor	48000	9900	230	2500	7200	ND <200	ND <100	ND <2000	ND <100	1,2,4-Trimethylbenzene 3100
8/27/08				8.66*	13.28	Rainbow sheen Petroleum odor	12000	1960	133	656	1820	NA	NA	NA	NA	Not Analyzed
11/20/08				8.62*	13.32	Oily & rainbow sheen Petroleum odor	9980	1970	87.1	552	1160	NA	NA	NA	NA	Not Analyzed
2/12/09				8.22*	13.72	Greasy & oily sheen Petroleum odor	12400	1520	90.1	412	1020	NA	NA	NA	NA	Not Analyzed
3/13/91**a**	STMW-2 (100.63)	14	4-14	5.25*	95.38	No sheen or odor	170	1	1.7	ND <0.5	28	NA	NA	NA	NA	Not Analyzed
7/06/91**a**				4.75*	95.88	No sheen Mild petroleum odor	1800	640	48	44	94	NA	NA	NA	NA	Not Analyzed
11/04/91**b**				5.92*	94.71	No sheen Mild petroleum odor	2143	1000	57	3	19	NA	NA	NA	NA	Not Analyzed
1/20/92**c**				5.88*	94.75	No sheen Mild petroleum odor	14000	120	0.6	0.6	80	NA	NA	NA	NA	Not Analyzed
5/07/92**d**				5.70*	94.93	No sheen Mild petroleum odor	1700	32	17	8.6	48	NA	NA	NA	NA	Not Analyzed
8/17/92**e**				5.71*	94.92	No sheen or odor	16000	180	220	210	620	NA	NA	NA	NA	Not Analyzed
12/10/92**e**				6.39*	94.24	Light rainbow sheen Mild petroleum odor	44000	84	96	120	350	NA	NA	NA	NA	Not Analyzed
3/18/93**e**				6.50*	94.13	Light rainbow sheen Mild petroleum odor	9200	22	31	40	110	NA	NA	NA	NA	Not Analyzed
7/13/93**e**				6.95*	93.10	No sheen Light sewerage odor	9300	18	24	26	89	NA	NA	NA	NA	Not Analyzed
10/1193**f**				7.09*	93.54	NMFP Strong petroleum odor	62000	2800	3900	670	4400	NA	NA	NA	NA	Not Analyzed
1/07/94**f**				6.93*	93.70	Rainbow sheen Mild petroleum odor	22000	1100	1000	280	1800	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
4/06/94**f**	STMW-2 (100.63)	14	4-14	6.84*	93.79	NMFP Strong petroleum odor	6600	490	140	62	330	NA	NA	NA	NA	Not Analyzed
8/03/94**g**				7.10*	93.53	NMFP Mild petroleum odor	4000	250	52	55	240	NA	NA	NA	NA	Not Analyzed
11/08/94**g**				6.19*	94.44	Brown NMFP Strong petroleum odor	4000	250	52	55	240	NA	NA	NA	NA	Not Analyzed
2/16/95**e**				6.72*	93.91	Rainbow sheen/NMFP Strong petroleum odor	37000	230	88	92	320	Na	NA	NA	NA	Not Analyzed
5/19/95**e**				6.61*	94.02	Brown sheen spots Light petroleum odor	9300	40	16	22	68	Na	NA	NA	NA	Not Analyzed
8/18/95**e**	(96.79) Resurvey			7.09*	89.70	Brown NMFP Light petroleum odor	2210000	720	550	520	1400	Na	NA	NA	NA	Not Analyzed
11/30/95**e**				7.07*	89.72	Rainbow sheen spots Light petroleum odor	66000	660	510	370	1500	NA	NA	NA	NA	Not Analyzed
2/29/96**e**				7.57*	89.22	Rainbow sheen Light petroleum odor	33000	75	55	52	150	NA	ND <0.5	NA	ND <0.5	None Detected<0.5
6/07/96**e**				6.74*	90.05	Rainbow sheen Light petroleum odor	92000	250	75	180	470	NA	ND <0.5	NA	ND <0.5	None Detected<0.5
11/14/96**e**				6.96*	89.83	Rainbow sheen Light petroleum odor	39000	380	230	270	720	ND <0.5	NA	NA	NA	Not Analyzed
2/12/97e				6.71*	90.08	Rainbow sheen spots Mild petroleum odor	23000	110	28	48	140	ND <0.5	NA	NA	NA	Not Analyzed
5/15/97**e**				7.06*	89.73	L. rainbow sheen spots Very light petro. Odor	30000	320	48	94	200	NA	NA	NA	NA	Not Analyzed
8/27/97**e**				7.20*	89.59	No sheen Very light petro. Odor	19000	82	9.1	18	27	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				6.72*	90.07	Rainbow sheen Strong petroleum odor	4100	77	8.9	15	34	ND <0.5	NA	NA	NA	Not Analyzed
3/24/98**e1**				6.10*	90.69	Rainbow sheen Strong petroleum odor	3300	31	4.2	1.6	26	ND <0.5	NA	NA	NA	Not Analyzed
6/25/98**e1**				5.52*	91.27	Rainbow sheen Light petroleum odor	2200	20	5.4	12	21	ND <0.5	NA	NA	NA	Not Analyzed
10/12/98**e 1**				6.92*	89.87	Rainbow sheen Light petroleum odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
1/12/99**e1**	STMW-2 (96.79)	14	4-14	6.90*	89.89	Rainbow sheen Strong petroleum odor	4500	24	14	15	49	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				9.98*	89.81	Rainbow sheen Strong petroleum odor	1500	19	12	21	37	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
8/28/03**h**				8.32*	88.47	Rainbow sheen Petroleum odor	15000	570	ND <100	430	500	ND <20	ND <100	ND <200	ND <100	1,2,4-Trimethylbenzene 960 1,3,5-Trimethylbenzene 290 n-Propylbenzene 220 Naphthalene 170
11/24/03**h**				9.62*	87.17	Rainbow sheen Petroleum odor	1200	100	ND <10	38	29	ND <2	ND <10	ND <20	ND <10	1,2,4-Trimethylbenzene 40 1,3,5-Trimethylbenzene 16 n-Propylbenzene 32
3/02/04**h**				8.28*	88.51	Rainbow sheen Petroleum odor	4700**i**	430	6.5	140	90	ND <5	ND <25	ND <50	ND <25	1,2,4-Trimethylbenzene 120 1,3,5-Trimethylbenzene 45 Isopropylbenzene 19 n-Propylbenzene 71 Naphthalene 41
5/28/04**h**				8.45*	88.34	Rainbow sheen Strong petroleum odor	9500	1600	42	280	220	ND <20	ND <100	ND <200	ND <100	1,2,4-Trimethylbenzene 230 1,3,5-Trimethylbenzene 130 n-Propylbenzene 180 Naphthalene 120
8/25/04**h**				8.36*	88.43	Rainbow sheen Petroleum odor	4000	3400	8.5	150	87	ND <10	ND <5	ND <100	ND <5	1,2,4-Trimethylbenzene 160 1,3,5-Trimethylbenzene 73 n-Propylbenzene 91 Naphthalene 51
11/22/04**h**				8.18*	88.61	Rainbow sheen Petroleum odor	11000	1200	33	490	380	ND <20	ND <100	ND <200	ND <100	1,2,4-Trimethylbenzene 510 1,2,3-Trimethylbenzene 210 n-Propylbenzene 200 Naphthalene 240
3/02/05**h**				8.12*	88.67	Rainbow sheen Petroleum odor	6500	520	ND <20	160	69	ND <40	ND <20	ND <400	ND <20	None Detected<200
5/23/05**h**				8.64*	88.15	Rainbow sheen Petroleum odor	8400	550	ND <12	100	19	ND <25	ND <12	ND <250	ND <12	Methylbene Chloride 130**no**
8/22/05**h**				7.74*	89.05	Rainbow sheen Petroleum odor	6200	480	12	110	31	ND <10	ND <5	ND <100	ND <5	1,2,4-Trimethylbenzene 60 Chloroform 5.5 n-Propylbenzene 83 Naphthalene 53

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AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
11/22/05**h**	STMW-2 (96.79)	14	4-14	8.68*	88.11	Rainbow sheen Petroleum odor	4600	270	4.8	80	16	ND <2	ND <1	ND <10	ND <1	1,2,4-Trimethylbenzene 37 1,3,5-Trimethylbenzene 27 Isopropylbenzene 15 n-Butyl benzene 29 n-Propylbenzene 68 Naphthalene 29
2/25/06**h**				8.46*	88.33	Rainbow sheen Petroleum odor	18000	2100	28	460	120	ND <50	ND <25	ND <500	ND <25	1,2,4-Trimethylbenzene 410 cis-1,2-Dichloroethene 47 n-Propylbenzene 280
5/30/06**h**				8.40*	88.39	Rainbow sheen Petroleum odor	5100	390	84	150	75	ND <10	ND <5	ND <100	ND <5	1,2,4-Trimethylbenzene 67 1,3,5-Trimethylbenzene 53 n-Propylbenzene 82 Naphthalene 62
8/24/06**h**				8.40*	88.39	Rainbow sheen Petroleum odor	11000	1400	54	310	81	ND <20	ND <10	ND <200	ND <10	1,2,4-Trimethylbenzene 130 1,3,5-Triemthylbenxene 110 n-Propylbenzene 180
12/11/06**h**				7.86*	88.93	Rainbow sheen Petroleum odor	39000	1900	420	660	420	ND <20	ND <10	ND <200	ND <200	1,2,4-Trimethylbenzene 590 1,3,5-Trimethylbenzene 310 n-Propylbenzene 360 Naphthalene 290
2/27/07**h**				7.82*	88.97	Rainbow sheen Petroleum odor	10000	2800	100	400	180	ND <50	ND <25	ND <500	ND <25	None Detected<25
5/24/07**h**				8.54*	88.25	Rainbow sheen Petroleum odor	17000	3800	58	470	240	ND <100	ND <50	ND <1000	ND <50	None Detected<50
8/16/07**h**	(22.08)● Resurvey			10.70*	11.38	Rainbow sheen Petroleum odor	9000	1900	ND <25	360	45	ND <50	ND <25	ND <500	ND <25	None Detected<25
11/28/07				8.60*	13.48	Rainbow sheen Petroleum odor	22000	2700	220	560	110	ND <40	ND <20	ND <400	ND <20	n-Propylbenzene 200
2/20/08				8.16*	13.92	Rainbow sheen Petroleum odor	5300	710	10	190	16	ND <12	ND <6.2	ND <62	ND <6.2	Isopropylbenzene 28 n-Propylbenzene 110
5/23/08				8.38*	13.70	Rainbow sheen Petroleum odor	15000	2400	ND <20	550	43	ND <40	ND <20	ND <400	ND <20	Isopropylbenzene 61 n-Propylbenzene 230
8/27/08				8.42*	13.66	Rainbow sheen Petroleum odor	9040	1640	18.8	413	36.7	NA	NA	NA	NA	Not Analyzed
11/20/08				8.42*	13.66	Rainbow sheen Petroleum odor	6760	697	17.7**s**	193	ND <4	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/12/09	STMW-2 (22.08)	14	4-14	8.09*	13.99	Rainbow sheen Petroleum odor	1610	37.8	0.86**s**	15.1	0.75**s**	NA	NA	NA	NA	Not Analyzed
11/14/96**e**	STMW-3 (95.24)	15	2.5-15	5.34*	89.90	No sheen or odor	210	9.1	2.8	4.7	13	ND <0.5	NA	NA	NA	Not Analyzed
2/12/97**e**				5.14*	90.10	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
5/15/97**e**				5.42*	89.82	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
8/27/97**e**				5.58*	89.66	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				5.14*	90.10	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
3/24/98**e1**				4.54*	90.70	No sheen or odor	13000	87	23	80	130	ND <0.5	NA	NA	NA	Not Analyzed
6/25/98**e1**				5.06*	90.18	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
10/12/98**e1**				5.30*	89.94	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
1/12/99**e1**				5.04*	90.20	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				5.28*	89.97	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
8/28/03**h**				6.64*	88.60	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
11/24/03**h**				7.04*	88.20	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
3/02/04**h**				6.46*	88.78	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/28/04**h**				6.71*	88.53	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/25/04**h**				6.64*	88.60	No sheen or odor	ND <25	0.84	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/04**h**				6.38*	88.86	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
3/02/05**h**	STMW-3 (95.24)	15	2.5-15	6.34*	88.90	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/23/05**h**				6.85*	88.39	No sheen or odor	ND <50	ND <0.5	0.81	ND <0.5	0.56	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/22/05**h**				7.00*	88.24	No sheen Sewerage odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/05**h**				6.94*	88.30	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/25/06**h**				6.72*	88.52	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/30/06**h**				6.64*	88.60	No sheen Sewerage odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/24/06**h**				6.64*	88.60	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
12/11/06**h**				5.84*	89.40	No sheen or odor	ND <50	0.64	ND <0.5	ND <0.5	ND <0.5	ND <1	ND\ <0.5	ND <10	ND <0.5	None Detected<0.5
2/27/07**h**				5.36*	89.88	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/24/07**h**				6.78*	88.46	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/16/07**h**	(20.47)● resurvey			8.92*	11.55	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/28/07				6.80*	13.67	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/20/08				6.38*	14.09	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/23/08				6.62*	13.85	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/27/08				6.64*	13.83	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
11/20/08				6.64*	13.83	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
2/12/09				6.31*	14.16	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
11/14/96e	STMW-4 (94.49)	15	2-15	4.67*	89.74	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
2/12/97**e**				4.45*	89.96	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
5/15/97**e**				4.75*	89.66	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
8/27/97**e**				4.87*	89.54	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				4.44*	89.97	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
3/24/98**e1**				3.88*	90.53	No sheen or odor	13000	87	23	80	130	ND <0.5	NA	NA	NA	Not Analyzed
6/25/98**e1**				4.40*	90.01	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
10/12/98**e1**				4.68*	89.73	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
1/12/99**e1**				4.38*	90.03	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				4.62*	89.79	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
8/28/03**h**				5.92*	88.49	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <5	ND <10	ND <5	None Detected<5
11/24/03**h**				6.28*	88.13	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <5	ND <10	ND <5	None Detected<5
3/02//04**h**				5.70*	88.71	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/28/04**h**				5.94*	88.47	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/25/04**h**				5.90*	88.50	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/04**h**				5.56*	88.85	No sheen or odor	ND <25	1.1	0.57	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
3/02/05**h**				5.60*	88.81	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.51	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
5/23/05**h**	STMW-4 (94.49)	15	2-15	6.09*	88.32	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/22/05**h**				6.22*	88.19	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/05**h**				6.16*	88.33	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/25/06**h**				6.02*	88.47	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/30/06**h**				5.92*	88.57	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/24/06**h**				5.88*	88.61	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
12/11/06**h**				5.19*	89.30	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Chloroform 4.2
2/27/07**h**				5.30*	89.19	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/24/07**h**				5.98*	88.51	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/16/07**h**	(19.58)● resurvey			8.14*	11.44	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/28/07				6.04*	13.54	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2//20/08				5.64*	13.94	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/23/08				5.82*	13.76	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/27/08				5.86*	13.72	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
11/20/08				5.86*	13.72	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
2/12/09				5.52*	14.06	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
11/14/96**e**	STMW-5 (94.49)	15	2-15	5.20*	89.29	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/12/97**e**	STMW-5 (94.49)	15	2-15	4.99*	89.50	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
5/15/97**e**				5.30*	89.19	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND\ <0.5	NA	NA	NA	NA	Not Analyzed
8/27/97**e**				5.33*	89.16	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				4.94*	89.55	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	Not Analyzed
3/24/98**e1**				4.52*	89.97	No sheen Slight sewerage odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	Not Analyzed
6/25/98**e1**				5.00*	89.49	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	Not Analyzed
10/12/98**e1**				5.18*	89.31	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	Not Analyzed
1/12/99**e1**				5.02*	89.47	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				5.38*	89.11	No sheen Light sewerage odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
8/28/03**h**				6.62*	87.87	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
11/24/03**h**				6.84*	87.65	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
3/02/04**h**				6.26*	88.23	No sheen or odor	62**j**	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	1.9	ND <10	ND <0.5	None Detected<0.5
5/28/04**h**				6.52*	87.479	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	1.6	ND <10	ND <0.5	None Detected<0.5
8/25/04**h**				6.50*	87.99	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	1.4	ND <10	ND <0.5	None Detected<0.5
11/22/04**h**				6.08*	88.41	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	2.1	ND <10	0.6	None Detected<0.5
3/02/05**h**				6.14*	88.35	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	2	ND <10	0.5	None Detected<0.5
5/23/05**h**				6.56*	87.93	No sheen or odor	ND <50	1.3	2.6	ND <0.5	2.6	ND <1	1.1	ND <10	ND <0.5	None Detected<0.5

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
8/22/05**h**	STMW-5 (94.49)	15	2-15	6.70*	87.79	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.5	ND <10	ND <0.5	None Detected<0.5
11/22/05**h**				6.64*	87.85	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.8	ND <10	0.78	None Detected<0.5
2/25/06**h**				6.58*	87.91	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.6	ND <10	ND <0.5	None Detected<0.5
5/30/06**h**				6.50*	87.99	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	2.4	ND <10	0.54	None Detected<0.5
8/24/06**h**				6.46*	88.03	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.2	ND <10	ND <0.5	None Detected<0.5
12/11/06**h**				5.54*	88.95	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Chloroform 3.7
2/27/07**h**				5.88*	88.61	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.1	ND <10	ND <0.5	None Detected<0.5
5/24/07**h**				6.54*	87.95	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	0.84	ND <10	ND <0.5	None Detected<0.5
8/16/07**hq**	(19.71)● resurvey			8.64*	11.07	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	0.68	ND <10	ND <0.5	None Detected<0.5
11/28/07				6.56*	13.15	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.4	ND <10	ND <0.5	None Detected<0.5
2/20/08				6.14*	13.57	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	1.5	ND <10	ND <0.5	None Detected<0.5
5/23/08				6.34*	13.37	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	1.8	ND <10	0.62	None Detected<0.5
8/27/08				6.36*	13.35	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	3.5	ND <10	0.75	None Detected<1
11/20/08				6.36*	13.35	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	2.8	NA	0.64**s**	None Detected<1
2/12/09				6.00*	13.71	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	4	NA	0.83**s**	None Detected<1
8/16/07**h**	STMW-6 (21.96)●	15	5-15	11.60*	10.36	Rainbow sheen No odor	1300	200	81	33	110	5	ND <2.5	ND <50	ND <2.5	1,2,4-Trimethylbenzene 40
11/27/07				9.58*	12.38	No sheen or odor	17000	4800	920	860	740	ND <100	ND <50	ND <1000	ND <50	None Detected<50

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/20/08	STMW-6 (21.96)	15	5-15	9.02*	12.94	No sheen or odor	19000	4100	1300	500	1000	ND <100	ND <50	ND <1000	ND <50	None Detected<50
5/23/08				9.26*	12.70	No sheen Sewerage odor	22000	6900	1200	680	1100	ND <100	ND <50	ND <1000	ND <50	None Detected
8/27/08				9.28*	12.68	No sheen Sewerage odor	2310	77.7	4.9	7	6.5	NA	NA	NA	NA	Not Analyzed
11/20/08				9.26*	12.70	No sheen Sewerage odor	1320	401	8.2	37.9	45.5	NA	NA	NA	NA	Not Analyzed
2/12/09				8.91*	13.05	No sheen or odor	973	284	7.1	25.7	22.7	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-7 (18.45) ●	15	5-15	6.64*	11.81	No sheen or odor	762	0.62**s**	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
3/13/91**a**	MW-2 (99.36)	11.50	5-11.50	4.29*	95.07	No sheen Mild petroleum odor	25000	2600	4400	ND <0.5	5800	NA	NA	NA	NA	Not Analyzed
7/03/91**a**				5.83*	93.53	No sheen Strong petroleum odor	21000	2800	3200	ND <0.5	4300	NA	NA	NA	NA	Not Analyzed
11/04/91**b**				4.79*	94.57	No sheen Mild petroleum odor	3589	1700	119	9	56	NA	NA	NA	NA	Not Analyzed
1/20/92**c**				4.60*	94.76	No sheen Mild petroleum odor	380	38	1.3	ND <0.5	34	NA	NA	NA	NA	Not Analyzed
5/27/92**d**				4.42*	94.94	No sheen Mild petroleum odor	10000	62	32	44	160	NA	NA	NA	NA	Not Analyzed
8/27/92**e**				4.43*	94.96	No sheen Mild petroleum odor	6000	48	27	65	180	NA	NA	NA	NA	Not Analyzed
12/10/92**e**				4.94*	94.45	No sheen Mild petroleum odor	7200	15	23	32	82	NA	NA	NA	NA	Not Analyzed
3/18/93**e**				5.11*	94.28	No sheen Light sewerage odor	1400	8.3	11	13	48	NA	NA	NA	NA	Not Analyzed
7/13/93**e**				5.53*	93.86	Rainbow sheen Light petroleum odor	2400	4.7	6.2	6.8	25	NA	NA	NA	NA	Not Analyzed
10/11/93**f**				5.64*	93.75	No sheen or odor	410	43	2.6	4.5	12	NA	NA	NA	NA	Not Analyzed
1/07/94**f**				5.52*	93.87	No sheen or odor	240	25	3.1	ND <0.5	20	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
4/06/94**f**	MW-2 (99.36)	11.50	5-11.50	5.82*	93.57	No sheen or odor	3000	120	23	22	190	NA	NA	NA	NA	Not Analyzed
8/03/94**g**				7.47*	91.92	No sheen or odor	500	57	1	17	25	NA	NA	NA	NA	Not Analyzed
11/08/94**g**				4.69*	94.70	No sheen or odor	8000	650	85	50	1000	NA	NA	NA	NA	Not Analyzed
2/16/95**e**				5.31*	94.08	No sheen or odor	660	6.4	1	5.6	8.9	NA	NA	NA	NA	Not Analyzed
5/19/95**e**				5.17*	94.22	No sheen Mild sewerage odor	1900	11	10	23	26	NA	NA	NA	NA	Not Analyzed
8/18/95**e**	(95.22) resurvey			5.65*	89.57	No sheen Light sewerage odor	1800	15	1.6	15	20	NA	NA	NA	NA	Not Analyzed
11/30/95**e**				5.64*	89.58	No sheen or odor	120	9.3	ND <0.5	0.5	3.5	NA	NA	NA	NA	Not Analyzed
2/29/96**e**				4.61*	90.61	No sheen Light sewerage odor	1200	6.1	1.2	6.2	8.7	NA	ND <0.5	NA	ND <0.5	None Detected<0.5
6/07/96**e**				5.37*	89.85	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	NA	ND <0.5	None Detected<0.5
11/14/96**e**				5.55*	89.67	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
2/12/97**e**				5.14*	90.08	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
5/15/97**e**				5.63*	89.59	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
8/27/97**e**				5.73*	89.49	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
12/24/97**e**				5.30*	89.91	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
3/24/98**e1**				4.76*	90.46	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
6/25/98**e1**				5.28*	89.94	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
10/12/98**e1**				5.50*	89.72	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed
1/12/99**e1**				5.28*	89.94	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	ND <0.5	None Detected<0.5
4/12/99**e1**				5.54*	89.68	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
8/28/03**h**	MW-2 (95.22)	11.50	5-11.50	6.86*	88.36	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
11/24/03**h**				7.20*	88.02	No sheen or odor	ND <50	ND <5	ND <5	ND <5	ND <5	ND <1	ND <5	ND <10	ND <5	None Detected<5
3/02/04**h**				6.64*	88.58	No sheen or odor	110**k**	27	ND <05	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/28/04**h**				6.86*	88.36	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/25/04**h**				6.82*	88.40	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/04**h**				6.52*	88.70	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <05	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
3/02/05**h**				6.52*	88.70	No sheen or odor	ND <25	ND <0.5	ND <0.5	ND <05	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/23/05**h**				7.00*	88.22	No sheen or odor	ND <50	ND <0.5	0.98	ND <0.5	0.6	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/22/05**h**				7.12*	88.10	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
11/22/05**h**				7.04*	88.18	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/25/06**h**				6.92*	88.30	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/30/06**h**				6.86*	88.36	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/24/06**h**				6.80*	88.42	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
12/11/06**h**				5.86*	89.36	No sheen or odor	100	10	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Chloroform 4
2/27/07**h**				6.16*	89.06	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	0.54	ND <10	ND <0.5	Chloroform 1.2
5/24/07**h**				6.94*	88.28	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Chloroform 0.85
8/16/07**hq**	(20.41)● resurvey			9.06*	11.35	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	Chloroform 2.3

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
11/28/07	MW-2 (20.41)	11.50	5-11.50	6.98*	13.43	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
2/20/08				6.54*	13.87	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
5/23/08				6.74*	13.67	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <1	ND <1	ND <0.5	ND <10	ND <0.5	None Detected<0.5
8/27/08				6.78*	13.63	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	0.51	ND <10	ND <1	None Detected<1
11/20/08				6.78*	13.63	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	NA	ND <1	None Detected<1
2/12/09				6.44*	13.97	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	NA	ND <1	None Detected<1
3/13/91**a**	MW-3 (100.09)	12	5-12	4.67*	95.42	Trace of sheen Moderate petro. odor	47000	9100	9900	270	8110	NA	NA	NA	NA	Not Analyzed
7/03/91**a**				5.75*	94.34	Trace of sheen Moderate petro. odor	40000	12000	4500	1200	4000	NA	NA	NA	NA	Not Analyzed
11/04/91**b**				5.67*	94.42	Trace of sheen Strong petro. odor	102700	38800	19100	3200	8300	NA	NA	NA	NA	Not Analyzed
1/20/92**c**				5.54*	94.55	Light sheen Strong petro. odor	510000	27000	27000	5800	45000	NA	NA	NA	NA	Not Analyzed
5/07/92**d**				5.18*	9491	Rainbow sheen Strong petro. odor	43000	250	230	120	470	NA	NA	NA	NA	Not Analyzed
8/17/92**e**				5.24*	94.85	Rainbow sheen Mild petroleum odor	140000	2500	2400	1700	5500	NA	NA	NA	NA	Not Analyzed
12/10/92**e**				4.42*	95.67	Light sheen Strong petro. odor	94000	400	410	430	1100	NA	NA	NA	NA	Not Analyzed
3/18/93**e**				5.39*	94.70	Thick NMFP Mild petroleum odor	51000	92	130	160	590	NA	NA	NA	NA	Not Analyzed
7/13/93**e**				6.07*	94.02	Light rainbow sheen spots/Strong petroleum odor	80000	160	210	230	820	NA	NA	NA	NA	Not Analyzed
10/11/93**f**				6.34*	93.75	NMFP Strong petro. Odor	180000	14000	8800	320	9400	NA	NA	NA	NA	Not Analyzed
1/07/94**f**				6.34*	93.75	NMFP Strong petro. Odor	120000	9500	4600	230	7800	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
4/06/94**f**	MW-3 (100.09)	12	5-12	6.14*	93.95	No sheen or odor	96000	6000	3100	95	6200	NA	NA	NA	NA	Not Analyzed
8/03/94**g**				6.34*	93.75	Few sheen spots Mild petroleum odor	200000	6500	5700	1500	18000	NA	NA	NA	NA	Not Analyzed
11/08/94**g**				3.89*	96.20	Brown NMFP Strong petro. Odor	86000	7400	8500	2200	12000	NA	NA	NA	NA	Not Analyzed
2/16/95**e**				5.90*	94.19	Brown NMFP Strong petro. Odor	59000	280	120	120	570	NA	NA	NA	NA	Not Analyzed
5/19/95**e**				4.15*	95.94	Brown NMFP Strong petro. Odor	12000	150	68	69	160	NA	NA	NA	NA	Not Analyzed
8/18/95**e**	(95.62) resurvey			6.08*	89.54	Brown NMFP Mild petroleum odor	33000	74	28	38	100	NA	NA	NA	NA	Not Analyzed
11/30/95**e**				6.26*	89.36	Rainbow sheen spots Light petroleum odor	100000	1300	510	250	2400	NA	NA	NA	NA	Not Analyzed
2/29/96**e**				4.37*	91.25	Rainbow sheen spots Mild petroleum odor	15000	12	3.8	10	24	NA	80	80	110	cis-1,2-Dichloroethene 35 Chloroform 160
6/07/96**e**				5.90*	89.72	Rainbow sheen spots Mild petroleum odor	5200	23	6.9	14	34	NA	61	61	110	Chloroform 31
11/14/96**e**				6.14*	89.48	Rainbow sheen Light petroleum odor	33000	320	130	250	620	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
2/12/97**e**				4.45*	91.17	No sheen or odor	15000	43	9	20	41	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
5/15/97**e**				5.77*	89.85	No sheen or odor	15000	68	30	60	110	NA	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
8/27/97**e**				5.98*	89.64	No sheen Mild sewerage odor	15000	22	5.2	9.7	19	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
3/24/98**e1**				5.06*	90.56	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
6/25/98**e1**				5.66*	89.96	Light sheen spots Light sewerage odor	23000	100	22	86	130	ND <0.5	ND <5	ND <5	ND <5	None Detected<5
10/12/98**e1**				5.18*	90.44	Rainbow sheen Light petroleum odor	23000	26	21	48	210	ND <0.5	ND <5	ND <5	ND <5	None Detected<5
1/12/99**e1**				5.42*	90.20	Rainbow sheen Sewerage odor	7200	48	32	44	99	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
4/12/99**e1**	MW-3 (95.62)	12	5-12	6.02*	89.60	No sheen Strong sewerage odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	None Detected<0.5
8/28/03**h**				8.64*	86.98	No sheen or odor	2600	54	ND <25	110	61	ND <5	ND <25	ND <50	ND <25	1,2,4-Trimethylbenzene 190 1,3,5-Trimethylbenzene 38 n-Propylbenzene 40 Naphthalene 29
11/24/03**h**				7.96*	87.66	Rainbow sheen Petroleum odor	2800	64	ND <25	140	44	ND <5	ND <25	ND <50	ND <25	1,2,4-Trimethylbenzene 120 1,3,5-Trimethylbenzene 30 n-Propylbenzene 55
3/02/04**h**				6.36*	89.26	No sheen or odor	580	11	ND <5	ND <5	ND <10	ND <10	850	ND <100	190	cis-1,2-Dichloroethene 440 Vinyl Chloride 5.3
5/28/04**h**				7.82*	87.80	No sheen or odor	2900	ND <25	ND <25	ND <25	ND <50	ND <50	2600	ND <500	630	cis-1,2-Dichloroethene 1200
8/25/04**h**				7.80*	87.82	Light rainbow sheen Sewerage odor	870	23	ND <5	13	ND <10	ND <10	5.2	ND <100	8.8	cis-1,2-Dichloroethene 740 Vinyl Chloride 170
11/22/04**h**				5.98*	89.64	No sheen or odor	1200**m**	14	ND <10	ND <10	ND <10	ND <20	790	ND <200	210	cis-1,2-Dichloroethene 460
3/02/05**h**				5.80*	89.82	No sheen or odor	3600**m**	ND <50	ND <50	ND <50	ND <50	ND <100	2500	ND <1000	480	cis-1,2-Dichloroethene 1200
5/23/05**h**				6.94*	88.68	No sheen Sewerage odor	2400	ND <0.5	ND <0.5	ND <0.5	0.52	ND <1	31	ND <10	5.3	cis-1,2-Dichloroethene 20 Methylene Chloride 9.5**no** Vinyl Chloride 0.72
8/22/05**h**				7.92*	87.70	No sheen Sewerage odor	1700	25	ND <25	ND <25	ND <25	ND <50	60	ND <500	27	cis-1,2-Dichloroethene 2400 Chloroform 26 Vinyl Chloride 520
11/22/05**h**				7.70*	87.92	No sheen or odor	1000	22	3.4	5	2.7	ND <5	2.6	ND <200	ND <2.5	cis-1,2-Dichloroethene 280 Isopropylbenzene 6.41 Vinyl Chloride 170
2/25/06**h**				7.52*	88.10	No sheen or odor	480	7.7	ND <5	ND <5	ND <5	ND <10	67	ND <100	70	cis-1,2-Dichloroethene 720 Vinyl Chloride 33
5/30/06**h**				7.64*	87.98	No sheen or odor	2000	ND <25	ND ,25	ND <25	ND <25	ND <50	2500	ND <500	430	Vinyl Chloride 160
8/24/06**h**				7.58*	88.04	No sheen Sewerage odor	740	15	11	ND <10	ND <10	ND <20	270	ND <200	67	Vinyl Chloride 260
12/11/06**h**				4.22*	91.40	No sheen or odor	460	6.4	ND <1	ND <1	ND <1	ND <2	160	ND <20	22	Vinyl Chloride 6.1

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/27/07**h**	MW-3 (95.62)	12	5-12	5.20*	90.42	No sheen or odor	1000**p**	ND <20	ND <20	ND <20	ND <20	ND <40	2000	ND <400	330	None Detected<20
5/24/07**h**				7.66*	87.96	No sheen or odor	820	ND <12	ND <12	ND <12	ND <12	ND <25	450	ND <250	98	Vinyl Chloride 78
8/16/07**hq**	(20.79)● Resurvey			8.92*	11.87	No sheen Petroleum odor	1500	15	ND <5	ND <5	ND <5	ND <10	140	ND <100	41	cis-1,2-Dichloroethene 440 Vinyl Chloride 150
11/28/07				7.62*	13.17	No sheen or odor	730	13	ND <3.3	ND <3.3	ND <3.3	ND <6.7	480	ND <69	90	cis-1,2-Dichloroethene 290 Vinyl Chloride 20
2/20/08				6.54*	13.87	No sheen or odor	890**r**	ND <20	ND <20	ND <20	ND <20	ND <40	2000	ND <400	340	cis-1,2-Dichloroethene 790
5/23/08				7.58*	13.21	No sheen or odor	1300	ND <10	ND <10	ND <10	ND <20	ND <20	180	ND <200	52	cis-1,2-Dichloroethene 1000 Vinyl Chloride 98
8/27/08				7.64*	13.15	No sheen Sewerage odor	651	13.3	3.5	ND <6.7	2.7	ND <6.7	97.6	ND <67	17.1	1,1-Dichloroethylene 4.4 cis-1,2-Dichloroethylene 483 Isopropylbenzene 5.5 n-Propylbenzene 5.9 Vinyl Chloride 327
11/20/08				7.18*	13.61	No sheen or odor	872	8.8	ND <4	ND <4	ND <8	ND <4	115	NA	38.1	1,1-Dichloroethylene 1**s** cis-1,2-Dichloroethylene 236 trans-1,2-Dichloroethylene 2**s** Vinyl Chloride 36.2
2/12/09				6.30*	14.49	No sheen or odor	866	2.9	ND <1	ND <1	ND <2	ND <1	77.5	NA	21.1	1,1-Dichloroethylene 0.21**s** cis-1,2-Dichloroethylene 64.1 trans-1,2-Dichloroethylene 0.74**s** Vinyl Chloride 5.8
3/13/91**a**	OTMW-5 (100.87)	N/A	N/A	5.02	95.85	No sheen Mild petroleum odor	120	460	12	1	4	NA	NA	NA	NA	Not Analyzed
7/03/91**a**				5.75	95.12	No sheen Mild petroleum odor	810	320	43	16	43	NA	NA	NA	NA	Not Analyzed
11/04/91**b**				5.77	95.10	No sheen Mild petroleum odor	971	100	19	5	13	NA	NA	NA	NA	Not Analyzed

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TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
1/20/91**c**	OTMW-5 (100.87)	N/A	N/A	5.58	95.29	No sheen Mild petroleum odor	90	0.7	0.7	ND <0.5	11	NA	NA	NA	NA	Not Analyzed
5/07/92**d**				5.43	95.44	No sheen Mild petroleum odor	180	27	14	8.2	35	NA	NA	NA	NA	Not Analyzed
8/17/92**e**				5.45	95.42	No sheen or odor	87	12	9.8	4	42	NA	NA	NA	NA	Not Analyzed
12/10/92**e**				7.30	93.57	No sheen Mild petroleum odor	540	4.7	4.5	6.4	19	NA	NA	NA	NA	Not Analyzed
3/18/93**e**				7.11	93.76	No sheen Light sewerage odor	570	6	7.6	11	29	NA	NA	NA	NA	Not Analyzed
7/13/93**e**				7.45	93.42	No sheen or odor	3500	6.8	8.6	9.5	36	NA	NA	NA	NA	Not Analyzed
10/11/93**f**				7.65	93.22	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
1/07/94**f**				7.67	93.20	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
8/17/92**e**	OTMW-6 (N/A)	N/A	N/A	4.88	N/A	No sheen or odor	ND <50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed

TPHg – Total Petroleum Hydrocarbons as gasoline
MTBE – Methyl Tertiary Butyl Ether
Perf. – Perforation
PCE – Tetrachloroethene
NS – Not Sampled
ND – Not Detected (Below Laboratory Detection Limit)
***** Well screens are not submerged
● Mean Sea Level
1 – Laboratory was not state certified since January 30, 1998
a – Laboratory analyses were analyzed by Anametrix Inc.
b – Laboratory analyses were analyzed by Carter Analytical Laboratory

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. – Groundwater Elevation
cis-1,2-Dichl – cis-1,2-Dichloroethene
TCE – Trichloroethene
NA – Not Analyzed
N/A – Not Available
***** Well screens are submerged

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February 26, 2009

TABLE 4 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

c – Laboratory analyses were analyzed by Chromalab, Inc.
d – Laboratory analyses were analyzed by Geochem Labs
e – Laboratory analyses were analyzed by Priority Environmental Labs
f – Laboratory analyses were analyzed by Argon Mobil Labs
g – Laboratory analyses were analyzed by North State Environmental
h – Laboratory analyses were analyzed by Entech Analytical Labs
i – TPH as gasoline value reported possibly aged gasoline
j – TPH as gasoline reported value is the result of higher boiling point compounds within the TPH as gasoline quantitation range
k – TPH as gasoline reported value is the results of a high concentration of Benzene and of higher boiling point compounds within TPH as gasoline quantitation range
l – TPH as gasoline value is the result of discrete peaks within the TPH as gasoline quantitation range
m – A typical pattern. No indication of gasoline
n – This analyte is a common laboratory contaminant
o – This analyte was found in the associated Method Blank
p – Not a gasoline pattern. Value due to non-target compounds
q – Monitoring wells were monitored on 8/16/07 but was sampled on 8/19/07
r – A typical pattern
s – Indicates an estimated value

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TABLE 5
RECENT GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE	PCE	TBA	TCE	Other VOCs by EPA 8260B
2/12/09	STMW-1 (21.94)●	14	4-14	8.22*	13.72	Greasy & oily sheen Petroleum odor	12400	1520	90.1	412	1020	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-2 (22.08)●	14	4-14	8.09*	13.99	Rainbow sheen Petroleum odor	1610	37.8	0.86**s**	15.1	0.75**s**	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-3 (20.47)●	15	2.5-15	6.31*	14.16	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-4 (19.58)●	15	2-15	5.52*	14.06	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-5 (19.71)●	15	2-15	6.00*	13.71	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	4	NA	0.83**s**	None Detected<1
2/12/09	STMW-6 (21.96)●	15	5-15	8.91*	13.05	No sheen or odor	973	284	7.1	25.7	22.7	NA	NA	NA	NA	Not Analyzed
2/12/09	STMW-7 (18.45) ●	15	5-15	6.64*	11.81	No sheen or odor	762	0.62**s**	ND <1	ND <1	ND <2	NA	NA	NA	NA	Not Analyzed
2/12/09	MW-2 (20.41)●	11.50	5-11.50	6.44*	13.97	No sheen or odor	ND <50	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	NA	ND <1	None Detected<1
2/12/09	MW-3 (20.79)●	12	5-12	6.30*	14.49	No sheen or odor	866	2.9	ND <1	ND <1	ND <2	ND <1	77.5	NA	21.1	1,1-Dichloroethylene 0.21**s** cis-1,2-Dichloroethylene 64.1 trans-1,2-Dichloroethylene 0.74**s** Vinyl Chloride 5.8

File No. 8-90-421-SI
February 26, 2009

TABLE 5 CONT'D
RECENT GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

TPHg – Total Petroleum Hydrocarbons as gasoline
MTBE – Methyl Tertiary Butyl Ether
GW Elev. – Groundwater Elevation
PCE – Tetrachloroethylene
TCE – Trichloroethylene
***** Well screens are not submerged
● Mean Sea Level
s – Indicates an estimated value

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
VOCs – Volatile Organic Compounds
Perf. – Perforation
TBA – Tert-Butanol Alcohol
ND – Not Detected (Below Laboratory Detection Limit)
***** Well screens are submerged
NA – Not Analyzed

TABLE 6
SUMMARY OF MONITORING WELLS DATA
IN FEET

Well No.	Well Diameter (inch)	Depth of Well	Depth of Perforation	Depth of Blank	Depth of Cement	Depth of Bentonite	Depth of Sand
STMW-1	2	14	4-14	0-4	0-2½	2½-3	3-14
STMW-2	2	14	4-14	0-4	0-2½	2½-3	3-14
STMW-3	2	15	2½-15	0-2½	0-1½	1½-2	2-15
STMW-4	2	15	2-15	0-2	0-1	1-½	1½-15
STMW-5	2	15	2-15	0-2	0-1	1-½	1½-15
STMW-6	2	15	5-15	0-5	0-3	3-4	4-15
STMW-7	2	15	5-15	0-5	½-3	3-4	4-15
MW-2	2	11½	5-11½	0-5	0-2	2-3	3-11½
MW-3	2	12	5-12	0-5	0-3	3-4	4-12

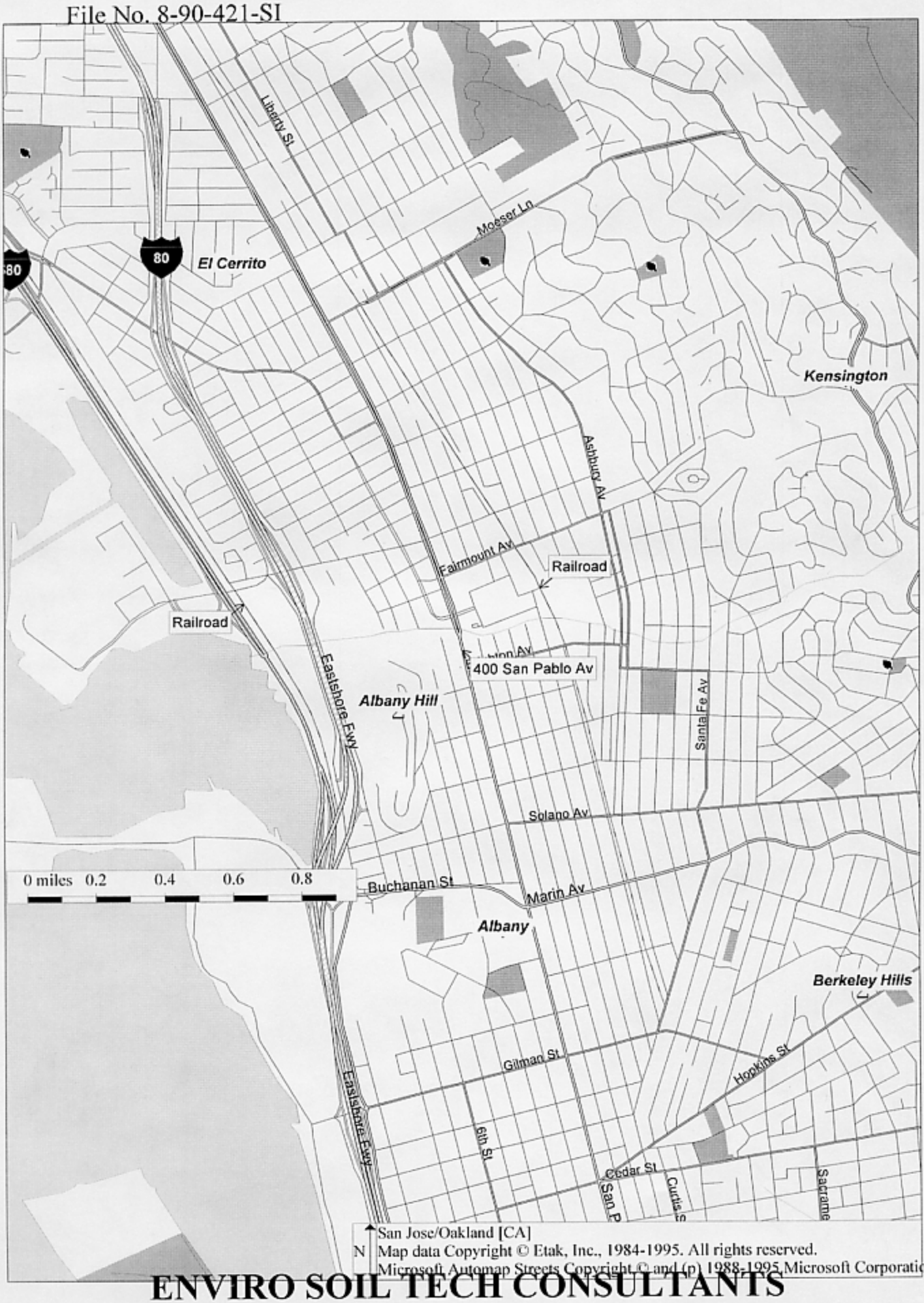
File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "B"

FIGURES

ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-421-SI

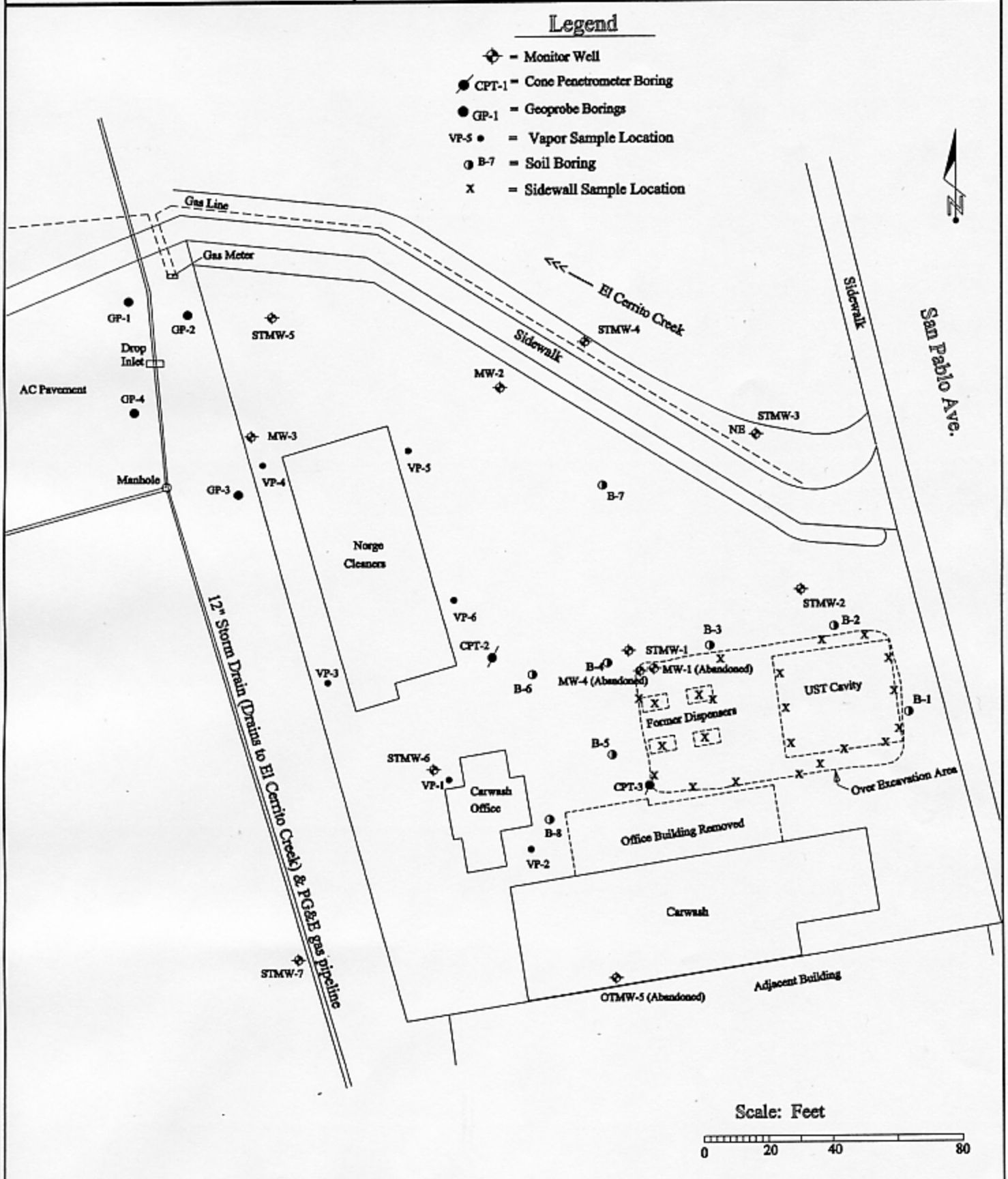


ENVIRO SOIL TECH CONSULTANTS

Figure 1

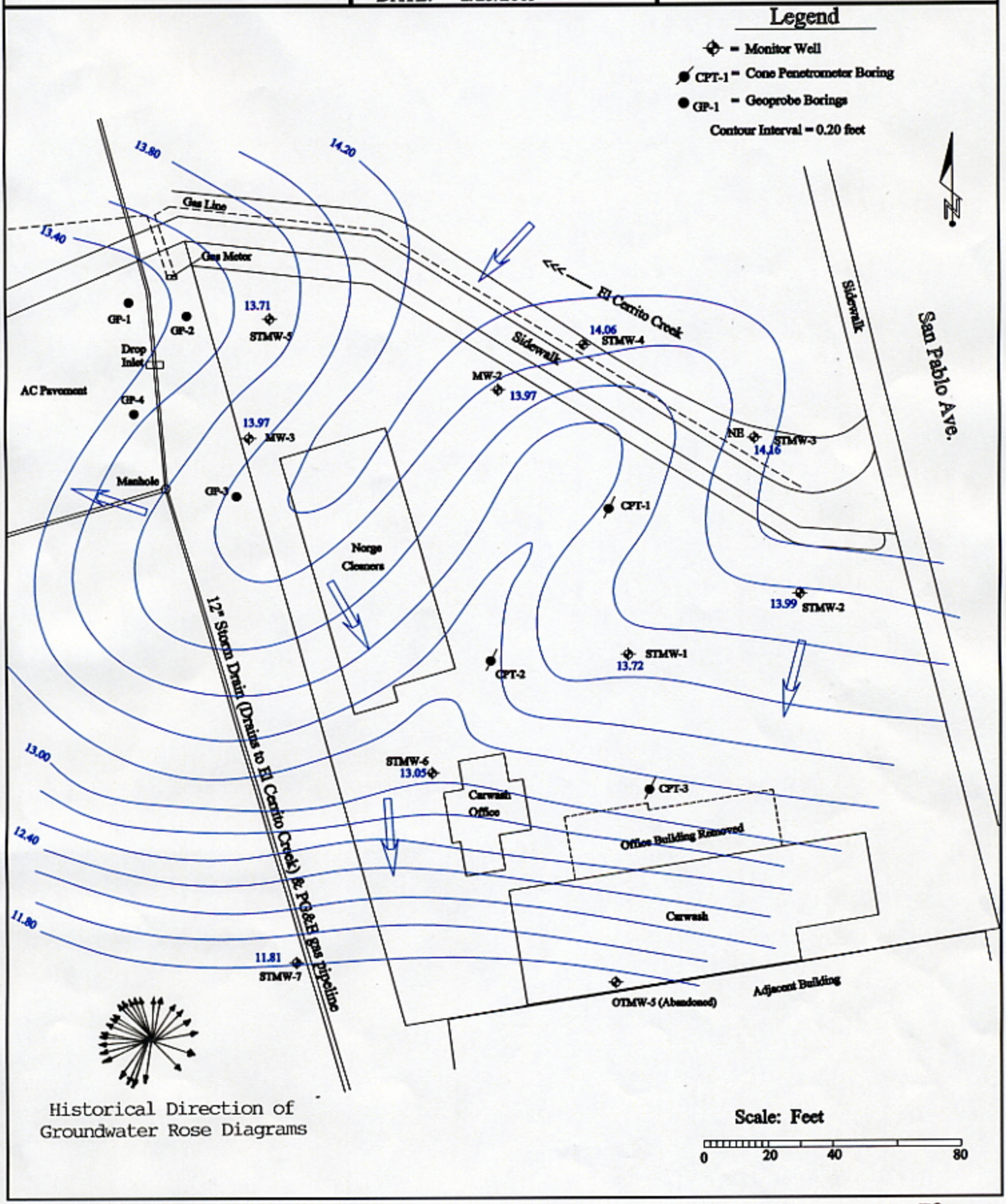
F1

Enviro Soil Tech Consultants 131 Tully Road San Jose, CA 95112	PROJECT Plaza Car Wash 400 San Pablo Ave Albany, California PROJECT # 8-90-421-SI DATE: 2/24/2009	Figure 2A Site Map

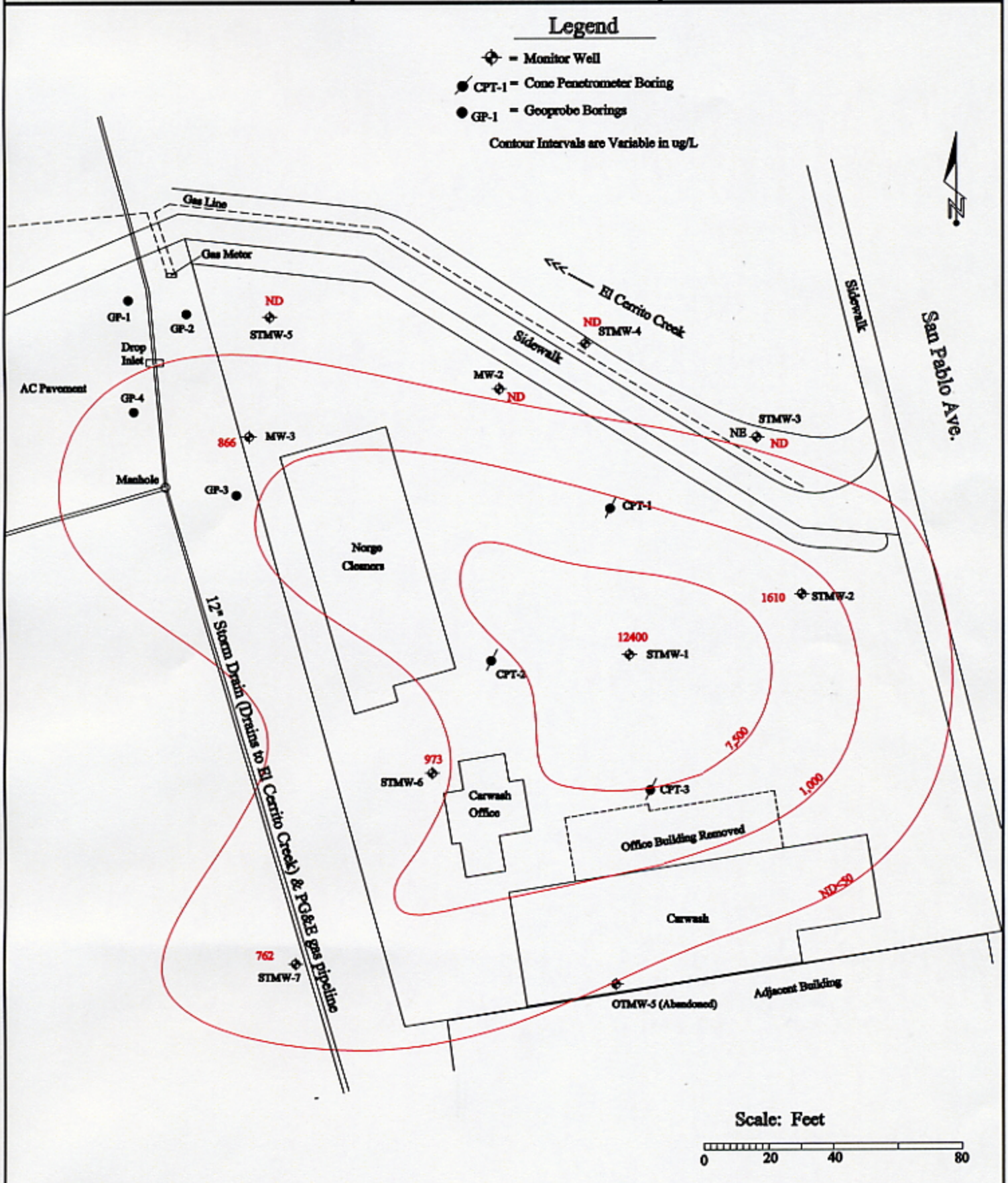


F2A

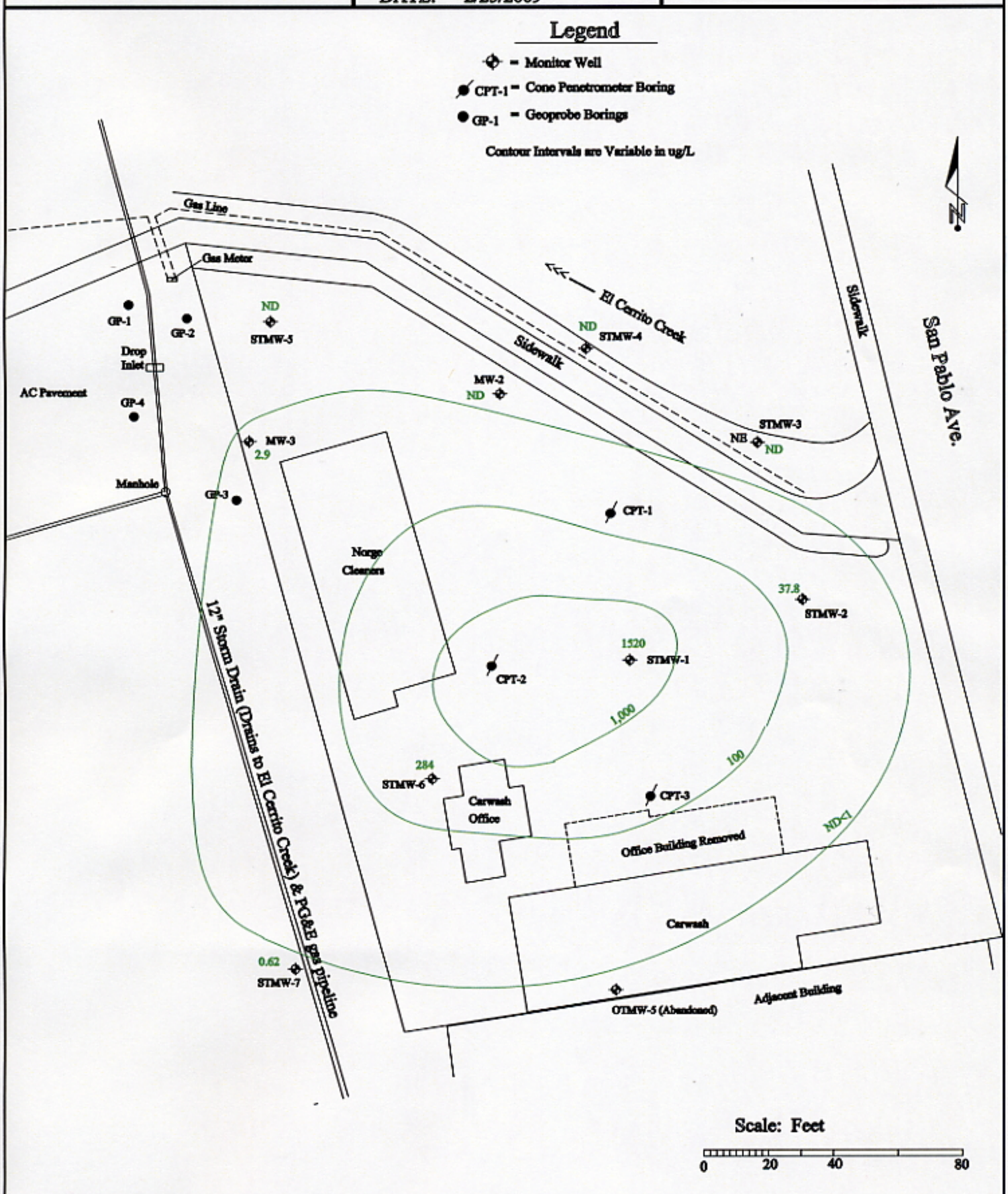
Enviro Soil Tech Consultants	PROJECT	Figure 2
131 Tully Road San Jose, CA 95112	Plaza Car Wash 400 San Pablo Ave Albany, California PROJECT # 8-90-421-SI DATE: 2/25/2009	Groundwater Elevation Map, February 12, 2009



Enviro Soil Tech Consultants	PROJECT Plaza Car Wash 400 San Pablo Ave Albany, California	Figure 3
131 Tully Road San Jose, CA 95112	PROJECT # 8-90-421-SI DATE: 2/25/2009	Isocontours of TPH-g in Groundwater, 2/12/2009



Enviro Soil Tech Consultants	PROJECT	Figure 4
131 Tully Road San Jose, CA 95112	Plaza Car Wash 400 San Pablo Ave Albany, California PROJECT # 8-90-421-SI DATE: 2/25/2009	Isocontours of Benzene in Groundwater, 2/12/2009



CERRITO CREEK FLOWLINE PROFILE
ADJACENT TO 400 SAN PABLO AVENUE
ALBANY, ALAMEDA COUNTY, CALIFORNIA

1"=200'

LEGEND:

CLC CENTERLINE CREEK

CERRITO CREEK FLOWLINE PROFILE
ADJACENT TO 400 SAN PABLO AVENUE

ALBANY ALAMEDA COUNTY CALIFORNIA

JOB NO.	3560-02	DATE	02/18/09
SCALE	1"=200'		
DRAWN BY	JWG	CHECKED	JMS
1 OF 1			

MUIR CONSULTING, INC.
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File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "C"

STANDARD OPERATION PROCEDURES

ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-421-SI
February 26, 2009

DRILLING AND SOIL SAMPLING PROCEDURE

A CME 75 drill rig with hollow-stem auger was used in drilling the soil borings to the desired depths.

Prior to drilling, all drilling equipment was thoroughly steam-cleaned to minimize the possibility of cross-contamination and/or vertical migration of possible contaminants.

In addition, sampling equipment was washed between samples with Tri-sodium Phosphate (TSP) solution or an equivalent EPA-approved detergent followed by a rinse in distilled water.

During the drilling operation, undisturbed soil samples were taken from the required depth by forcing a 2-inch sampler lined with polyethylene or brass tubes driven into undisturbed sediments at the bottom of the borehole by means of hydraulic push technologies.

The selected sampling tubes were immediately trimmed, the ends covered tightly with aluminum foil and plastic caps, sealed with tape labeled, placed in a plastic bag and stored in a cold ice chest in order to minimize the escape of any volatile present in the samples. Soil samples were sent to a state-certified hazardous waste laboratory for analysis accompanied by a chain-of-custody record.

Soil samples collected at each sampling interval were inspected for any possible contamination (odor or peculiar colors). Soil vapor concentrations were measured in the field by using a Photoionization Detector (PID), Photovac Tip Air Analyzer. The soil sample was sealed in a Zip-Loc plastic bag and placed in the sun to enhance volatilization of the hydrocarbons from the sample. The purpose of this field analysis is to qualitatively determine the presence or absence of hydrocarbons and to establish which soil samples were analyzed at the laboratory. The data was recorded on the drilling log at the depth corresponding to the sampling point.

Other soil samples may be collected to document the stratigraphy and estimate relative permeability of the subsurface materials.

Soil tailings that are obtained during drilling were stored at the site, pending the analytical test results to determine proper disposal.

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MONITORING WELL INSTALLATION

The boreholes for the monitoring wells were hand augered to the depth of 5-feet in order to detect any underground buried lines with a diameter of at least two inches larger than the casing outside diameter (O.D.).

The monitoring wells were cased with threaded, factory-perforated and blank, schedule 40 PVC. The perforated interval consisted of slotted casing, generally 0.010 to 0.040 inch wide by 1.5-inch long slot size, with 42 slots per foot (slots which match formation grain size as determined by field grain-size distribution analysis). A PVC cap was fastened to the bottom of the casing (no solvents, adhesive, or cements were used), the well casing was thoroughly washed and steam-cleaned.

After setting the casing inside the borehole, kiln-dried sand or gravel-filter material was poured into the annular space to fill from the bottom of the boring to two feet above the perforated interval. Half-a-foot to two feet thick bentonite plug was placed above this filter material to prevent grout from infiltrating down into the filter material. Approximately one to two gallons of distilled water was added to hydrate the bentonite pellets. Then the well was sealed from the top of the bentonite seal to the surface with concrete or neat cement containing about 5% bentonite (see Well Construction Detail).

To protect the well from vandalism and surface water contamination, Christy box with a special type of Allen screw was installed around the wellhead, (for wells in parking lots, driveways and building areas). Steel stove pipes with padlocks were usually set over wellheads in landscaped areas.

In general, groundwater monitoring wells extend to the base of the upper aquifer, as defined by the consistent (less than 5 feet thick) clay layer below the upper aquifer, or at least 10 to 15 feet below the top of the upper aquifer, whichever is shallower. The wells do not extend through the laterally extensive clay layer below the upper aquifer. The wells are terminated one to two feet into such a clay layer.

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WELL DEVELOPMENT

For all newly installed groundwater monitoring wells, the well casing, filter pack and adjacent formations were cleared of disturbed sediment and water.

Well development techniques including pumping, bailing, surging, swabbing, jetting, flushing or air lifting by using a stainless steel or Teflon bailer, a submersible stainless steel pump, or air lift pump. The well development was continued until the discharged water appeared to be relatively free of all turbidity.

All water and sediment generated by well development was collected in 500 gallon holding tank for temporarily storage, and then was disposed of properly, depending on analytical results.

To assure that cross-contamination did not occur between wells, all well development tools were steam-cleaned or thoroughly washed in a Trisodium Phosphate (TSP) solution followed by a rinse in distilled water before each well development.

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GROUNDWATER SAMPLING

Prior to collection of groundwater samples, all of the sampling equipment (i.e. bailer, cables, bladder pump, discharge lines and etc...) was cleaned by pumping TSP water solution followed by distilled water.

Prior to purging, the well "Water Sampling Field Survey Forms" was filled out (depth to water and total depth of water column will be measured and recorded). The well then was bailed or pumped to remove four to ten well volumes or until the discharged water temperature, conductivity and pH stabilized. "Stabilized" is defined as three consecutive readings within 15% of one another.

The groundwater sample was collected when the water level in the well recovered to 80% of its static level.

Forty milliliter (ml.) glass volatile organic analysis (VOA) vials with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap quickly was placed over the top of the vial and securely tightened. The VOA vial was then be inverted and tapped to see if air bubbles are present. If none is present, then the sample was labeled and refrigerated for delivery under chain-of-custody to the laboratory. The label information has included a sample identification number, job identification number, date, time, type of analysis requested and the sampler's name.

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "D"

BORING LOGS

ENVIRO SOIL TECH CONSULTANTS

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION	400 San Pablo Avenue, Albany, CA			GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:	
DRILLING AGENCY	HEW Drilling	DRILLER	Henry Wong	DATE STARTED: 2/03/09 DATE FINISHED: 2/03/09	
DRILLING EQUIPMENT	CME 75 drill rig			COMPLETION DEPTH (ft) 15 feet	
DRILLING METHOD	Hollow-stem auger	DRILL BIT	Auger	HAMMER	SAMPLER 2" polyethylene tube
SIZE AND TYPE OF CASING	2" PVC Schedule 40			NUMBER OF SAMPLES	BULK: 3 DRIVE:
TYPE OF PERFORATION	0.020" Slotted PVC Schedule 40	FROM 5 feet	TO 15 feet	WATER FIRST: DEPTH	COMPL.: 24 hrs.
SIZE AND TYPE OF PACK	Washed Kiln Dried Sand #2/12	FROM 4 feet	TO 15 feet	LOGGED BY Clyde Hebbron	CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Bentonite	3'	4'	No. 3:		
	No. 2: Cement	½'	3'	No. 4:		

LOG OF BORING STMW-7

DEPTH (feet)	MATERIAL DESCRIPTION	USCS	SOIL GRAPHIC	WELL GRAPHIC	PID, ppm	WATER LEVEL	DEPTH (feet)	SAMPLES: NUMBER TYPE	SAMPLES: POCKET PEN. tsf	SAMPLES: BLOWS/foot	INDEX PROPERTIES: MOISTURE CONTENT (%)	INDEX PROPERTIES: DRY DENSITY (pcf)	INDEX PROPERTIES: UNCONFINED COMPRESSIVE STRENGTH (psf)
0	Fill material.	FILL					0						
5	Clay: dark gray, organic, slightly plastic, trace of sand.	CL					5	7-5		N=9	DP		
	Sand: gray, poorly-sorted, some pebbles, loose.	SP				▽							
10	Clay: varigated gray and rust, organic, slightly plastic, trace of sand and occasional pebbles.	CL					10	7-10		N=24	DP		
15	Clay: varigated gray and rust, organic, slightly plastic, slightly sandier.	CL					15	7-15		N=28	DP		
20							20						
25							25						
30							30						
35							35						

8-90-421-SI	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION	400 San Pablo Avenue, Albany, CA		GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	HEW Drilling	DRILLER Henry Wong	DATE STARTED: 2/03/09 DATE FINISHED: 2/03/09
DRILLING EQUIPMENT	CME 75 drill rig		COMPLETION DEPTH (ft) 25½ feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT Auger	HAMMER SAMPLER 2" polyethylene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: 4 DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Clyde Hebbron CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1:			No. 3:		
	No. 2:			No. 4:		

LOG OF BORING B-7

DEPTH (feet)	MATERIAL DESCRIPTION	USCS	SOIL GRAPHIC	WELL GRAPHIC	PID, ppm	WATER LEVEL	DEPTH (feet)	SAMPLES: NUMBER TYPE	SAMPLES: POCKET PEN, tsf	SAMPLES: BLOWS/foot	INDEX PROPERTIES: MOISTURE CONTENT (%)	INDEX PROPERTIES: DRY DENSITY (pcf)	INDEX PROPERTIES: UNCONFINED COMPRESSIVE STRENGTH (psf)
0	Fill.	FILL					0						
	Gravel: tan-brown very clayey.	GC											
5	Clay: dark gray slightly plastic.	CL					5	B7-5		N=13	DP		
	Sand: tan-brown fine to medium grain, fairly-sorted.	SP											
10	Clay: varigated gray and rust, stiff, trace of coarse sand.	CL					10	B7-10		N=15	DP		
15	Clay: varigated gray and rust, stiff, trace of coarse sand.	CL				▽	15	B7-15		N=13	MST		
20	Sand: gray-brown, very fine to coarse graind, poorly-sorted to 22 feet.	SP					20	B7-20		N=44	Wet		
	Sand: buff, very fine to fine grain well-sorted, very hard.	SW								N=65	Dry	4"	
25	Drill refusal. Boring terminated at 25½ feet.						25			N=50	Dry	6"	
30							30						
35							35						

8-90-421-SI	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION	400 San Pablo Avenue, Albany, CA		GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	HEW Drilling	DRILLER Henry Wong	DATE STARTED: 2/03/09 DATE FINISHED: 2/03/09
DRILLING EQUIPMENT	CME 75 drill rig		COMPLETION DEPTH (ft) 23½ feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT Auger	HAMMER SAMPLER 2" polyethylene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: 4 DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Clyde Hebbron CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1:			No. 3:		
	No. 2:			No. 4:		

LOG OF BORING B-8

DEPTH (feet)	MATERIAL DESCRIPTION	USCS	SOIL GRAPHIC	WELL GRAPHIC	PID, ppm	WATER LEVEL	DEPTH (feet)	SAMPLES: NUMBER TYPE	SAMPLES: POCKET PEN. tsf	SAMPLES: BLOWS/foot	INDEX PROPERTIES: MOISTURE CONTENT (%)	INDEX PROPERTIES: DRY DENSITY (pcf)	INDEX PROPERTIES: UNCONFINED COMPRESSIVE STRENGTH (psf)
0	Fill material.	FILL					0						
5	Clay: dark gray, slightly plastic and slight hydrocarbon odor.	CL					5	B8 5		N= 20	DP		
10	Clay: dark gray, very slight plastic and strong hydrocarbon odor.	CL					10	B8 10		N= 18	DP		
15	Clay: varigated gray and rust, stiff, traces of sand and cobble/pebbles, silty, moderate hydrocarbon odor.	ML				▽	15	B8 15		N= 25	MST		
20	Sand: brown, very fine to coarse grain, some fine to 22½ feet.	SM					20	B8 20		N= 35	Wet		
	Sand: brown-tan very fine grain, dry, very hard and very well-sorted.	SW								N= 79	Dry	2"	
	Drill refusal. Boring terminated at 23½ feet.									N= 50	Dry	1"	
25							25						
30							30						
35							35						

8-90-421-SI	PROJECT NO. 8-90-421-SI	FIGURE:

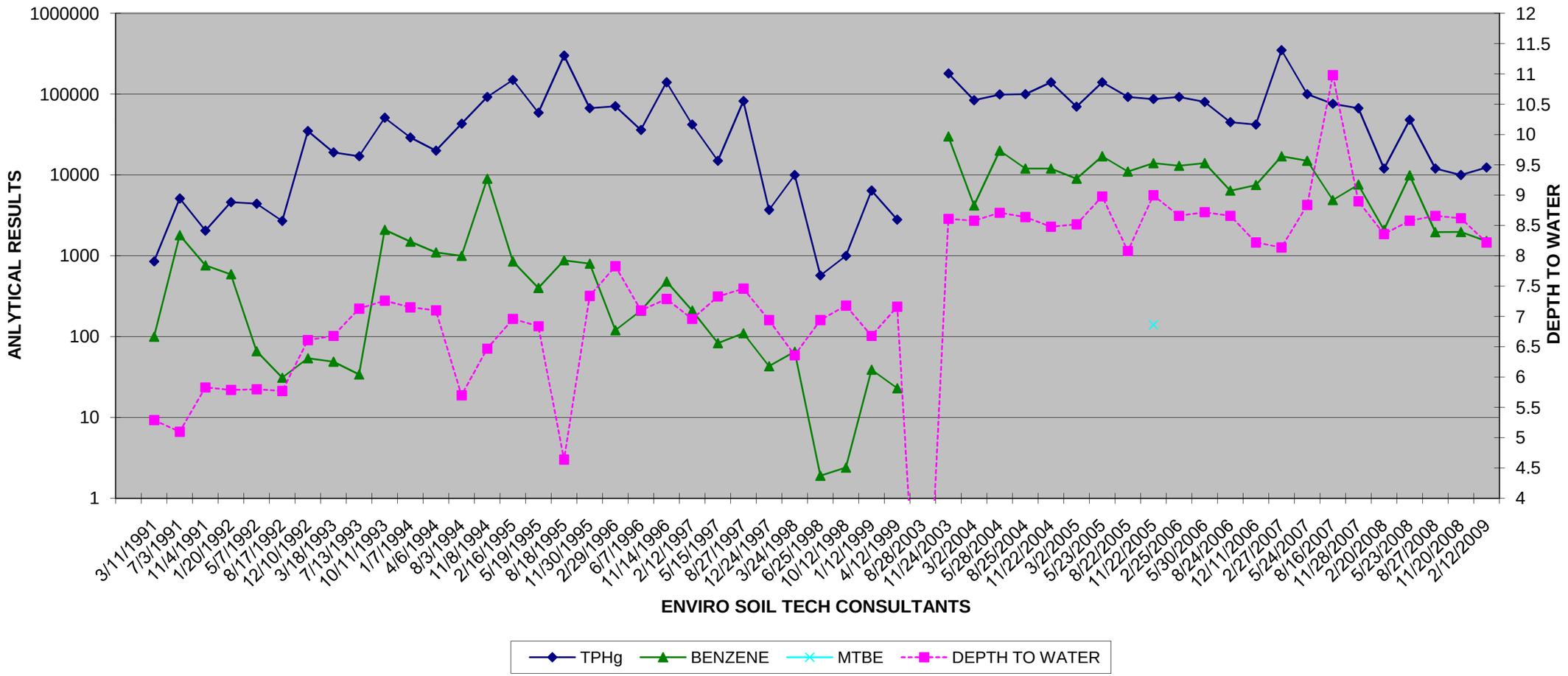
File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "E"

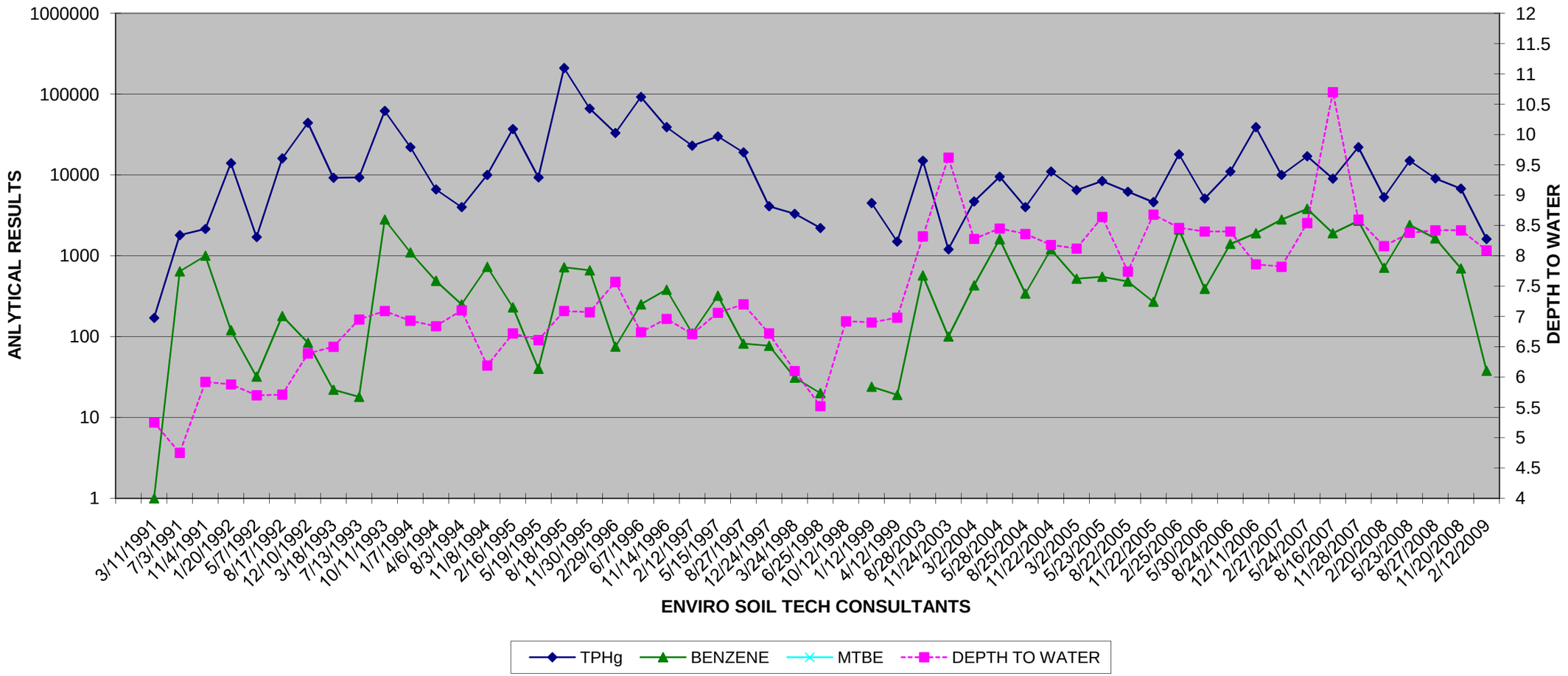
HYDROGRAPHS

ENVIRO SOIL TECH CONSULTANTS

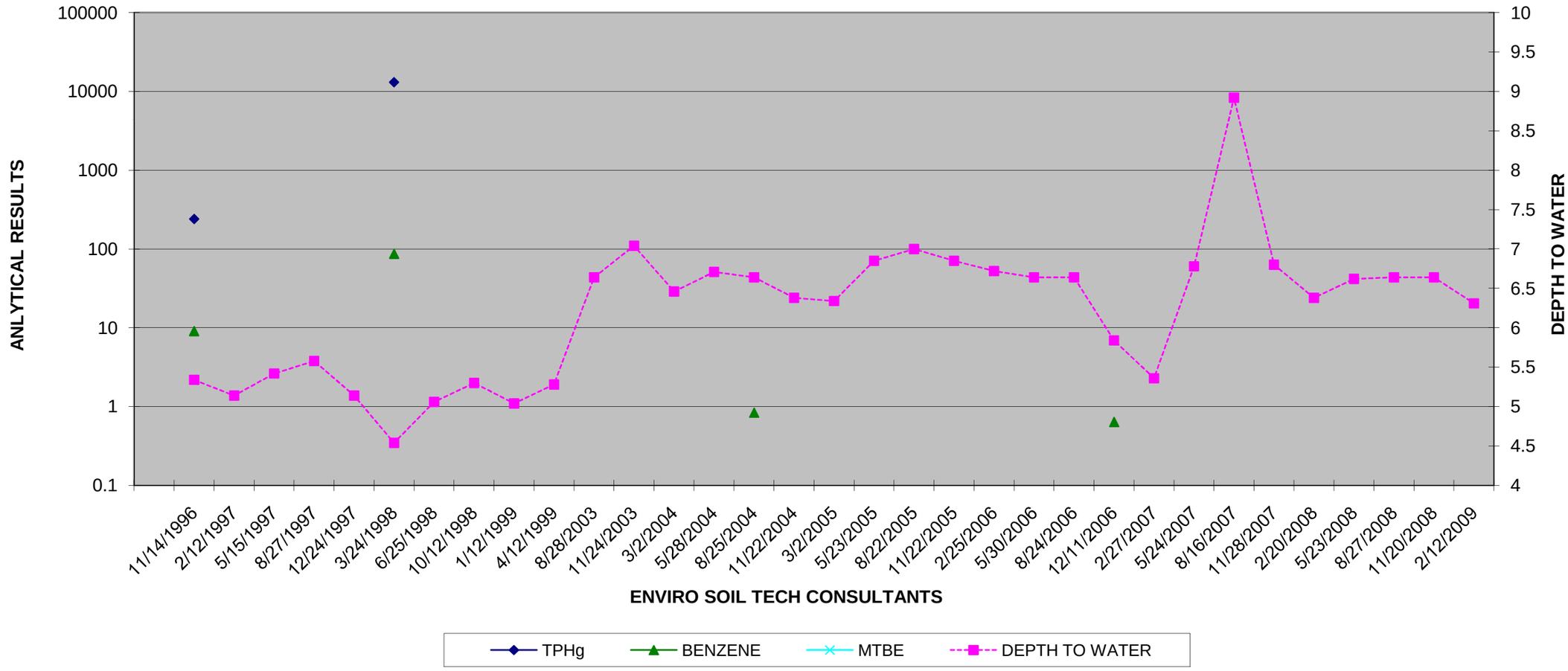
File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR STMW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



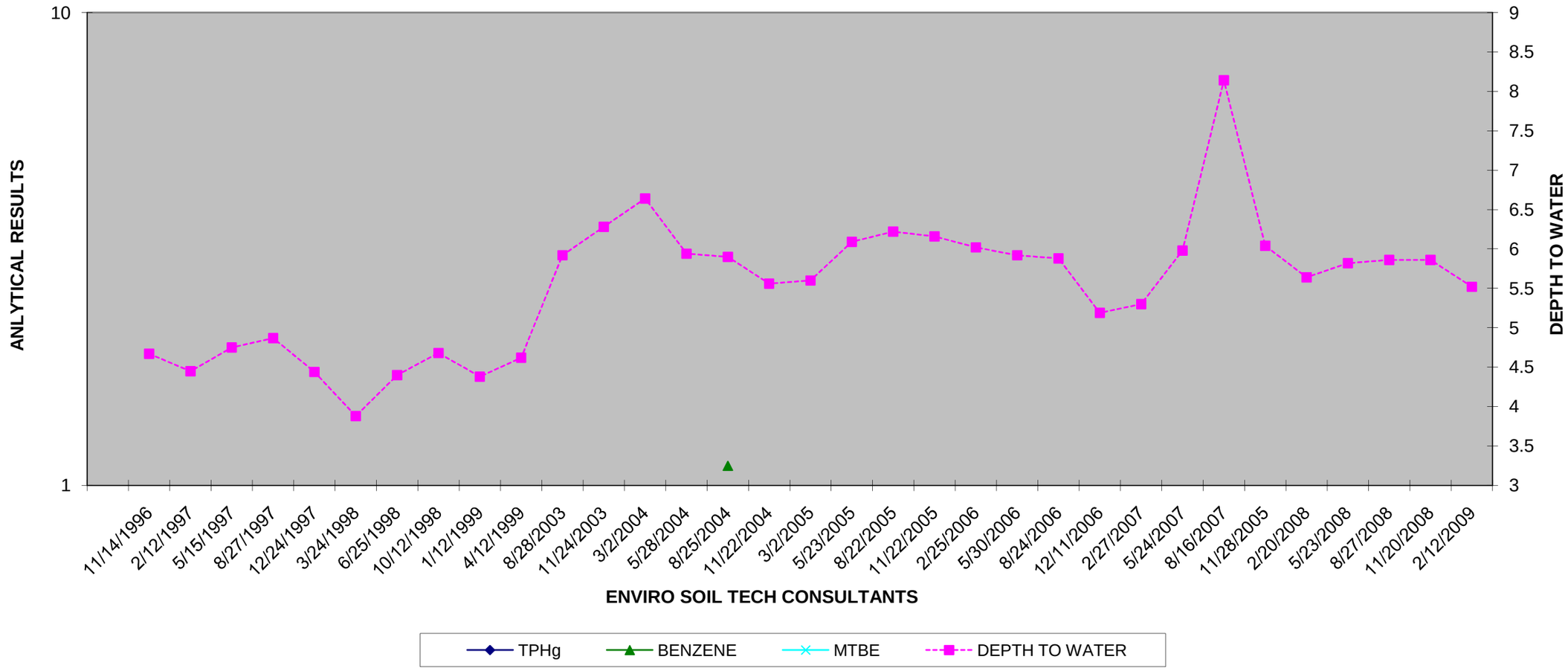
File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR STMW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



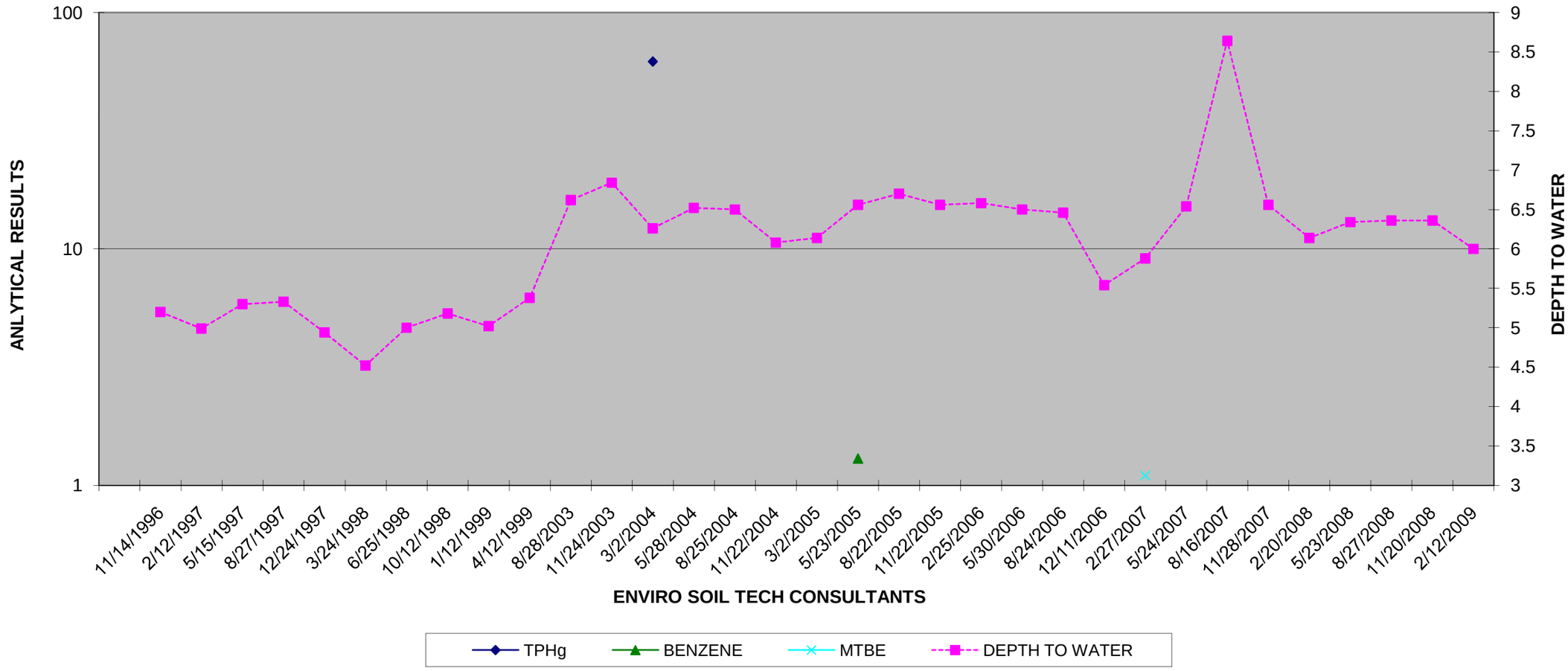
File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR STMW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR STMW-4 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)

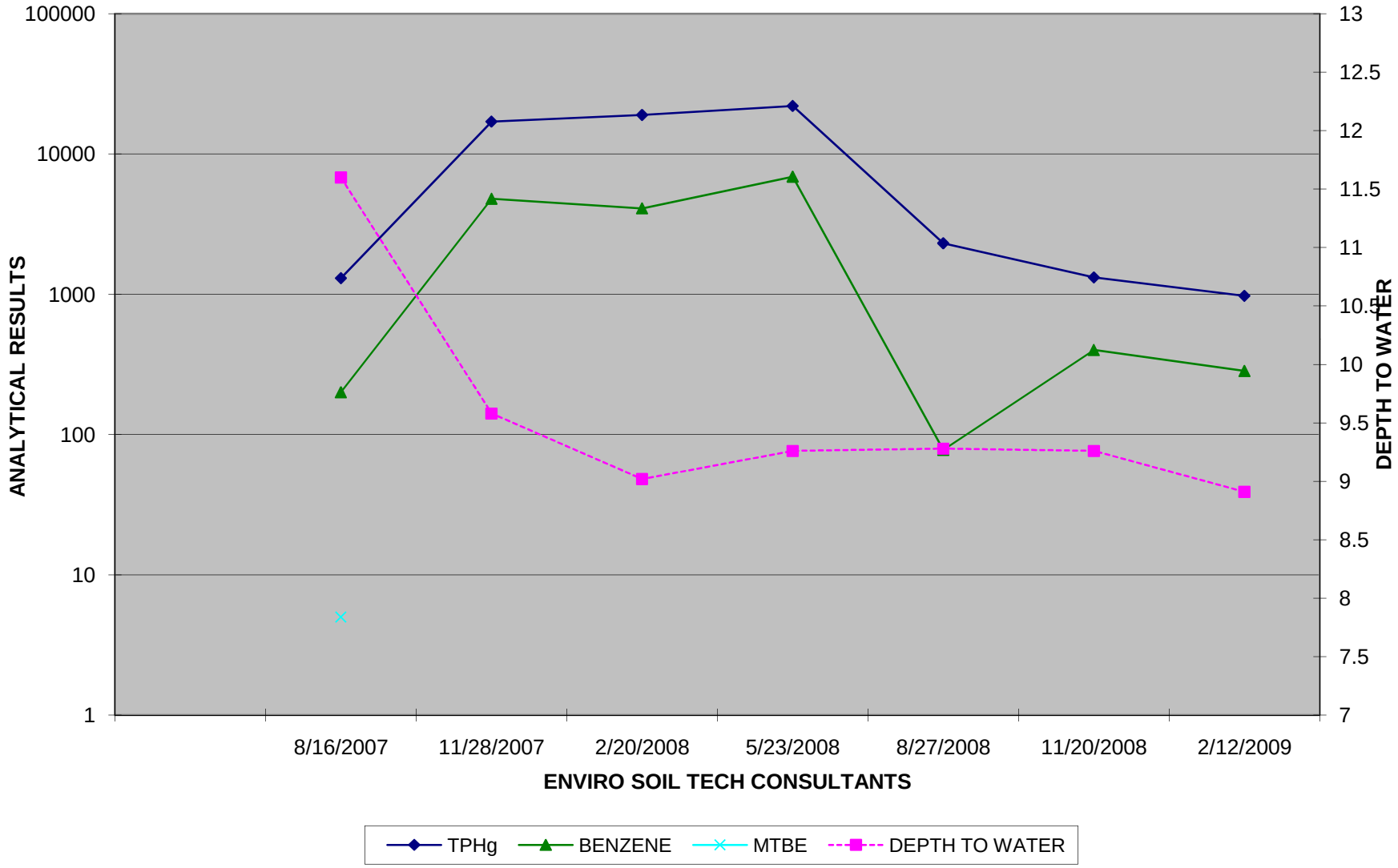


File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR STMW-5 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)

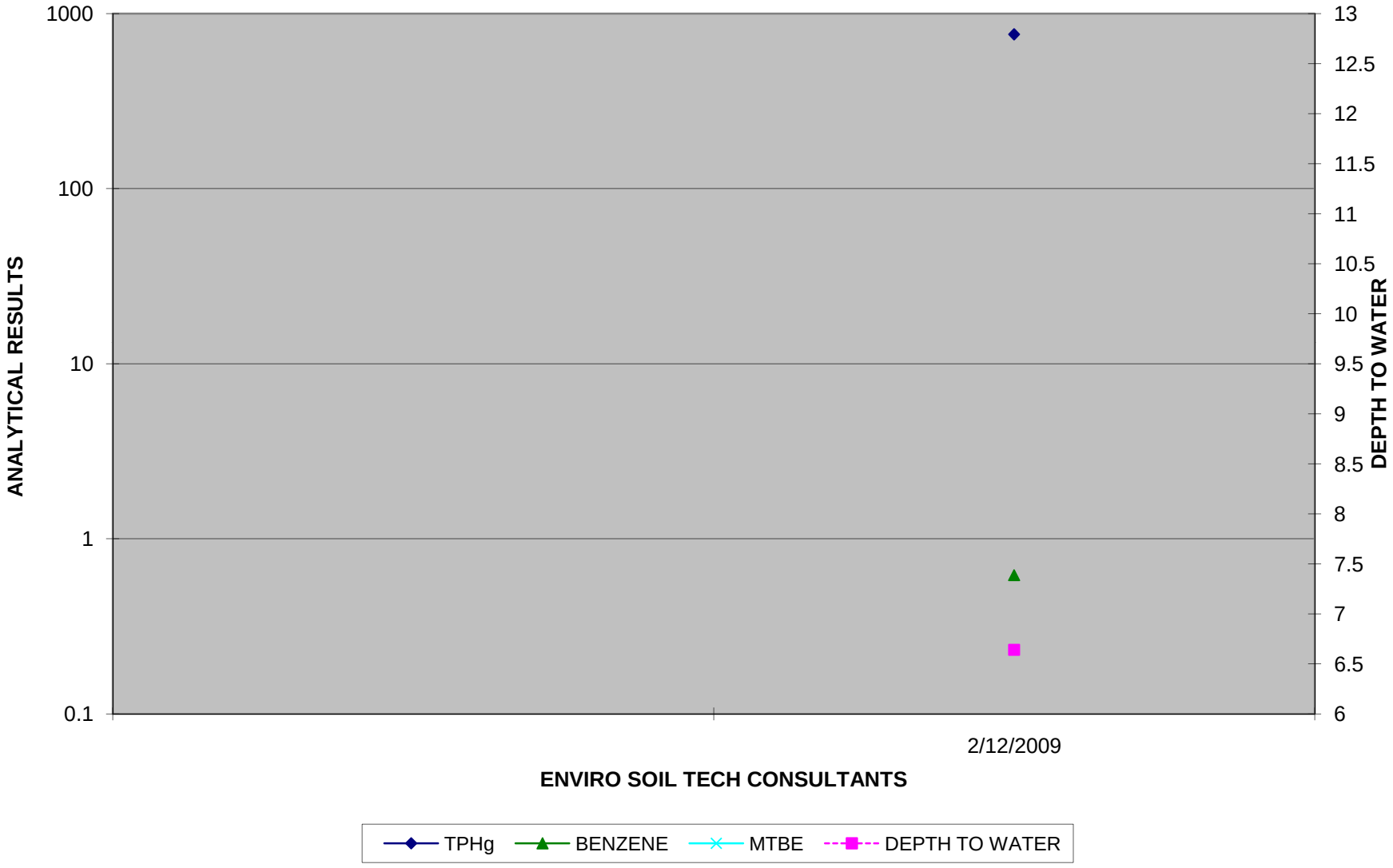


File No.: 8-90-421-SI

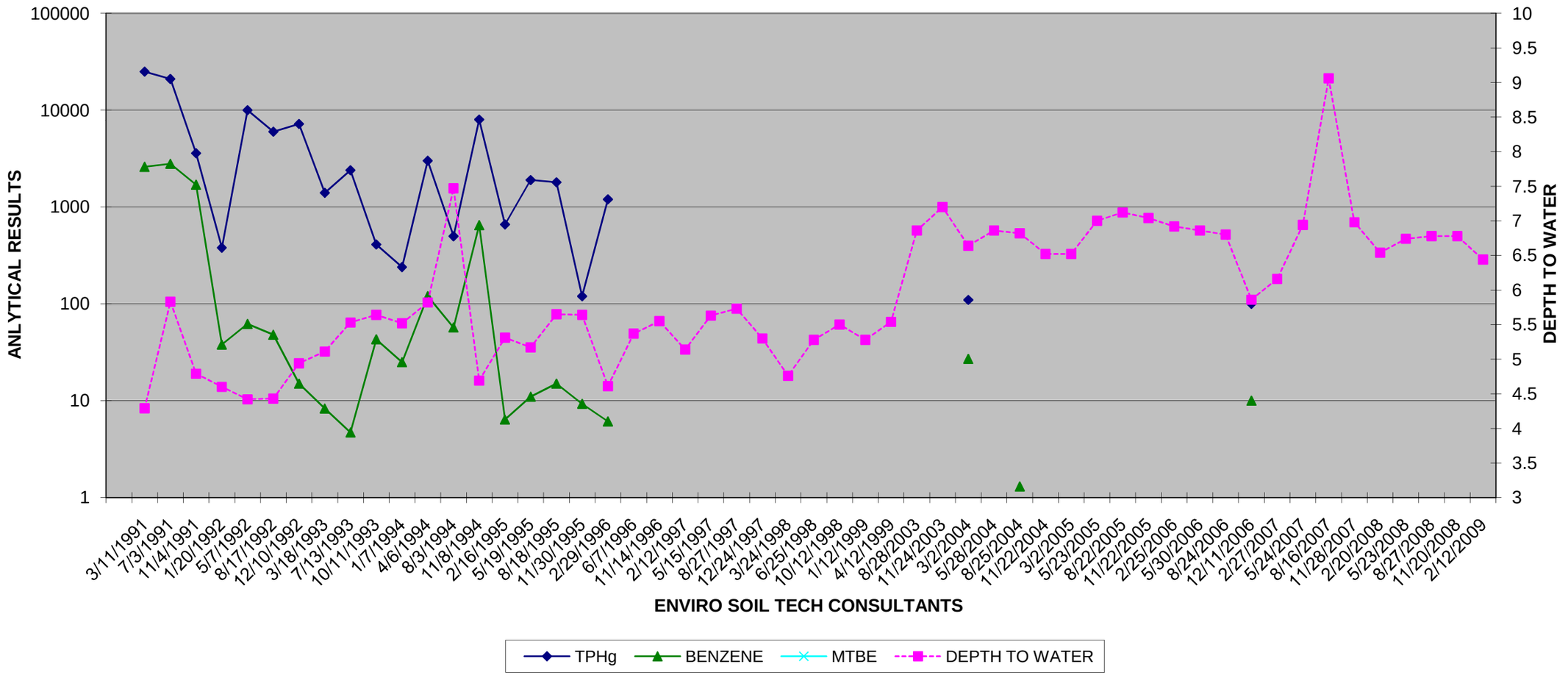
TPHg, BENZENE & MTBE RESULTS FOR STMW-6 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



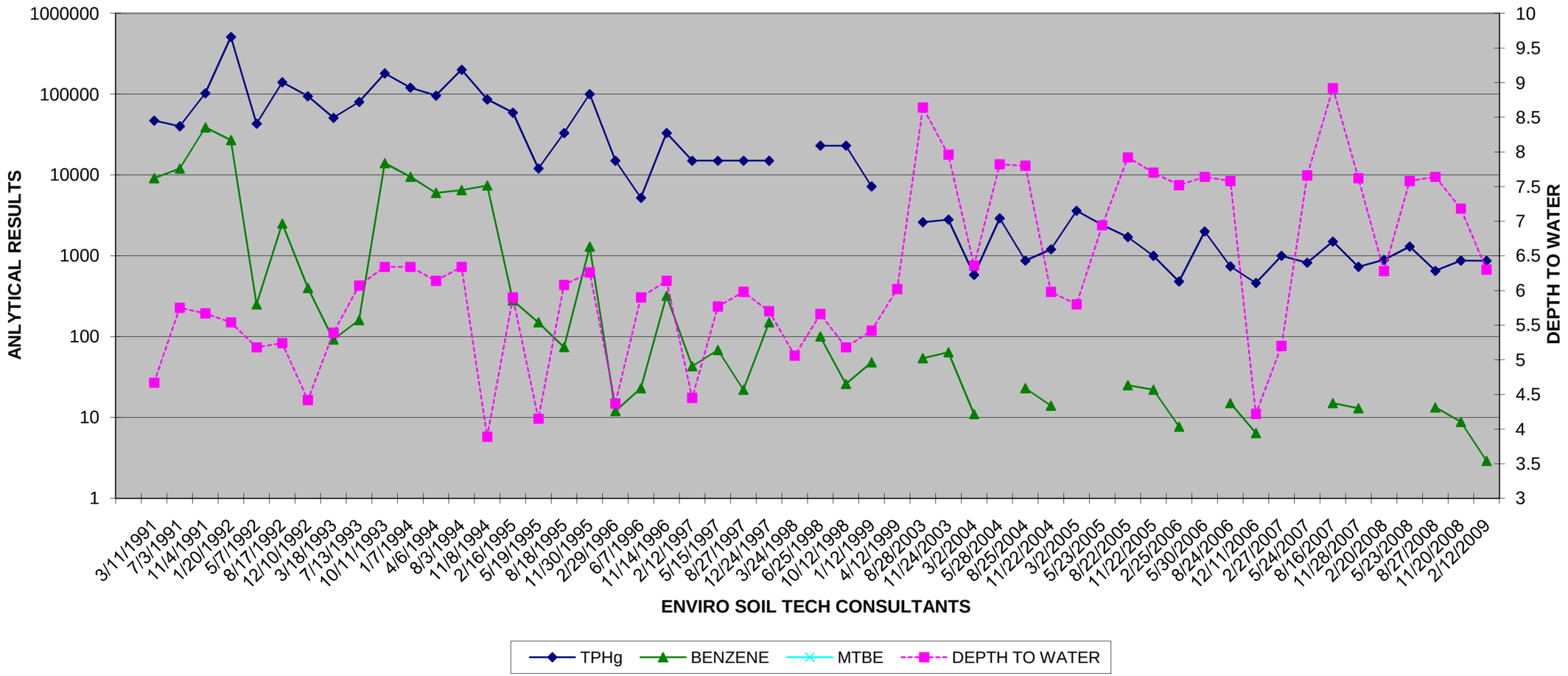
File No.: 8-90-421-SI
TPHg, BENZENE & MTBE RESULTS FOR STMW-7 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR MW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "F"

DRILLING PERMIT

ENVIRO SOIL TECH CONSULTANTS

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 01/30/2009 By jamesy

Permit Numbers: W2009-0093 to W2009-0094
Permits Valid from 02/03/2009 to 02/03/2009

Application Id: 1233356767565 **City of Project Site:** Albany
Site Location: 400 San Pablo Avenue, Albany, CA
Project Start Date: 02/03/2009 **Completion Date:** 02/03/2009
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Applicant: Environ Soil Tech Consultants - Frank Hamedi **Phone:** 408-297-1500
131 Tully Rd, San Jose, CA 95111
Property Owner: George and Diane Ososke **Phone:** --
440 Davis Ct. #910, San Francisco, CA 94111
Client: ** same as Property Owner **

	Total Due:	$575.00
Receipt Number: WR2009-0037	**Total Amount Paid:**	$575.00
Payer Name : Enviro Soil Tech	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 1 Wells
Driller: Vironex - Lic #: 7052927 - Method: hstem **Work Total: $345.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2009-0093	01/30/2009	05/04/2009	STMW-7	8.00 in.	2.00 in.	4.00 ft	20.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit

number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

8. Minimum surface seal thickness is two inches of cement grout placed by tremie

9. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Borehole(s) for Investigation-Geotechnical Study/CPT's - 2 Boreholes
Driller: Vironex - Lic #: 7052927 - Method: hstem **Work Total: $230.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2009-0094	01/30/2009	05/04/2009	2	8.00 in.	40.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "G"

WELL COMPLETION REPORT

ENVIRO SOIL TECH CONSULTANTS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "H"

FIELD NOTES

ENVIRO SOIL TECH CONSULTANTS

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: STMW-1

DATE: 2-12-09

SAMPLER: HARMAD

DEPTH TO WELL: 14 feet

1 WELL VOLUME: 0.96

DEPTH TO WATER: 8Ft 22

5 WELL VOLUME: 4.82

HEIGHT OF WATER COLUMN: 5.78

ACTUAL PURGED VOLUME: 4.8

CASING DIAMETER: ✓ 2" 4"

CALCULATIONS:

2" - x 0.1632 ~~x5.90 = 0.96288~~ 0.96Bx5 = 4.815 ≈ 5

4" - 0.653

PURGE METHOD: ✓ BAILER DISPLACEMENT PUMP OTHER

SAMPLE METHOD: ✓ BAILER OTHER

SHEEN: NO ✓ YES, DESCRIBE: crecy oil

ODOR: NO ✓ YES, DESCRIBE: petrol & oily

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	0.96	4.85	17.8	555
	1.92	4.65	18.0	556
	2.88	4.75	18.0	548
	3.84	4.80	17.2	560
	4.80	4.84	18	542

~~1:30~~ 9:50

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-ST WELL NO.: STMW-2

DATE: 2-12-09 SAMPLER: FARHAD

DEPTH TO WELL: 14 feet 1 WELL VOLUME: .97

DEPTH TO WATER: 9ft .09 5 WELL VOLUME: 4.9

HEIGHT OF WATER COLUMN: 6 ACTUAL PURGED VOLUME: 5'

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x6 = 0.9792 0.98x5 = 4.90 ≅ 5

4" - 0.653 _____

PURGE METHOD: _____ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: _____ BAILER _____ OTHER

SHEEN: _____ NO ✓ YES, DESCRIBE: Rust brown

ODOR: _____ NO ✓ YES, DESCRIBE: petrol

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1	3.95	13.3	579
	2	4.13	16.9	511
	3	4.16	17.0	495
	4	4.22	17.2	490
	5	4.21	17.3	488

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: STMW-3

DATE: 2-12-09

SAMPLER: FARHAD

DEPTH TO WELL: 15 feet

1 WELL VOLUME: 1.4

DEPTH TO WATER: 6ft 31

5 WELL VOLUME: 7.00

HEIGHT OF WATER COLUMN: 8.69

ACTUAL PURGED VOLUME: 8 7

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x8.5=1.382 1.4x5 = 7.00

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1.4	5.53	15.1	508
	2.8	5.01	15.3	478
	4.2	4.55	15.4	461
	5.6	4.15	15.3	449
	7.00	4.10	15.4	449

6 lr - 66

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI WELL NO.: STMW-4

DATE: 2-12-09 SAMPLER: FARHAD

DEPTH TO WELL: 15 feet 1 WELL VOLUME: 1.57

DEPTH TO WATER: 5ft 52 5 WELL VOLUME: 7.85

HEIGHT OF WATER COLUMN: 9ft 48 ACTUAL PURGED VOLUME: ~~5~~ 7.8

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x9.5=1.570 1.570x5=7.85

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1.7	5.10	15.1	523
	3.4	4.45	15.3	513
	5.1	4.28	15.1	508
	6.8	4.14	15.2	503
	7.8	4.10	15.3	532

5ft 64

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-ST WELL NO.: STMW-5

DATE: 2-12-09 SAMPLER: FARHAD

DEPTH TO WELL: 15 feet 1 WELL VOLUME: 1.47

DEPTH TO WATER: 6 ft 5 WELL VOLUME: 7.35

HEIGHT OF WATER COLUMN: 9 ft ACTUAL PURGED VOLUME: 7.35

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 ~~9 = 1.4688~~ ~~1.47 x 5 = 7.35~~ 7.35

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1.5	4.72	16.2	460
	3.0	4.19	16.2	475
	4.5	4.16	16.3	491
	6.00	4.11	16.4	492
	7.35	4.33	16.5	491

6 ft 5.54

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI

WELL NO.: STMW-6

DATE: 2-12-09

SAMPLER: FARHAD

DEPTH TO WELL: 15 feet

1 WELL VOLUME: 0.98 ≈ 1

DEPTH TO WATER: 8.91

5 WELL VOLUME: 5

HEIGHT OF WATER COLUMN: 6.09

ACTUAL PURGED VOLUME: 5

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x6 = 0.9792 0.98 x 5 = 4.90 ≈ 5

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1	4.18	17.4	695
	2	4.12	17.6	647
	3	4.16	17.8	616
	4	4.34	18.1	548
	5	4.35	18.2	475

10 PM .60

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-ST

WELL NO.: STMW-7

DATE: 2-12-09

SAMPLER: FARHAD

DEPTH TO WELL: 15

1 WELL VOLUME: 1.21

DEPTH TO WATER: 5.64 FT

5 WELL VOLUME: 6.04

HEIGHT OF WATER COLUMN: 7.36 FT

ACTUAL PURGED VOLUME: 6

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 x7.4=1.208 1.208x5 = 6.040

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1.2	3.51	17.5	562
	2.4	3.41	"	489
	3.6	3.90	17.7	502
	4.8	4.42	17.7	538
	6.00	6.42	17.5	559

FT
9.80

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI WELL NO.: MW-2

DATE: 2-12-09 SAMPLER: FARHAD

DEPTH TO WELL: 11½ feet* 1 WELL VOLUME: 0.82

DEPTH TO WATER: 6.44 5 WELL VOLUME: 4.1

HEIGHT OF WATER COLUMN: 5.06 ACTUAL PURGED VOLUME: 4

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" - x 0.1632 $\pi 5 = 3.8160$ $0.82 \times 5 = 4.10$

4" - 0.653 _____

PURGE METHOD: ✓ BAILER _____ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
_____	.82	4.30	15.7	251
_____	1.64	4.35	16.1	384
_____	2.46	4.59	16.5	449
_____	3.28	4.41	16.4	460
_____	4.0	4.35	16.6	471

6'.64

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

FILE NO.: 8-90-421-SI
WELL NO.: MW-3
DATE: 2-12-09
SAMPLER: FARHAD
DEPTH TO WELL: 12 feet
1 WELL VOLUME: 0.93
DEPTH TO WATER: 6 FT. 30 FT
5 WELL VOLUME: 4.65
HEIGHT OF WATER COLUMN: 5.70
ACTUAL PURGED VOLUME: 5

CASING DIAMETER: ✓ 2" 4"

CALCULATIONS:

2" - x 0.1632 x5.7 = .93 0.93x5 = 4.65
4" - 0.653

PURGE METHOD: ✓ BAILER DISPLACEMENT PUMP OTHER
SAMPLE METHOD: ✓ BAILER OTHER

SHEEN: ✓ NO YES, DESCRIBE:
ODOR: ✓ NO YES, DESCRIBE:

FIELD MEASUREMENTS

TIME	VOLUME	pH	TEMP.	E.C.
	1	4.77	16.4	604
	2	5.02	16.4	561
	3	4.47	16.2	551
	4	No water	✓	✓
	5	No water	✓	✓

11:50

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "I"

LABORATORY REPORTS

ENVIRO SOIL TECH CONSULTANTS

Northern California ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/18/09

Technical Report for

Enviro Soil Tech Consultants

T0600101089-400 San Pablo Avenue,Albany,CA

8-90-421-SI

Accutest Job Number: C4227

Sampling Date: 02/03/09

Report to:

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
info@envirosoiltech.com

ATTN: Frank Hamedi

Total number of pages in report: **41**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA)

Test results relate only to samples analyzed.

Accutest Laboratories

Sample Summary

Enviro Soil Tech Consultants

Job No: C4227

T0600101089-400 San Pablo Avenue, Albany, CA
Project No: 8-90-421-SI

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C4227-1	02/03/09	00:00		02/05/09	SO	Soil	B-7-5
C4227-2	02/03/09	00:00		02/05/09	SO	Soil	B-7-10
C4227-3	02/03/09	00:00		02/05/09	SO	Soil	B-7-15
C4227-4	02/03/09	00:00		02/05/09	SO	Soil	B-7-20
C4227-5	02/03/09	00:00		02/05/09	SO	Soil	B-8-5
C4227-6	02/03/09	00:00		02/05/09	SO	Soil	B-8-10
C4227-7	02/03/09	00:00		02/05/09	SO	Soil	B-8-15
C4227-8	02/03/09	00:00		02/05/09	SO	Soil	B-8-20
C4227-9	02/03/09	00:00		02/05/09	SO	Soil	STMW-7-5
C4227-10	02/03/09	00:00		02/05/09	SO	Soil	STMW-7-10
C4227-11	02/03/09	00:00		02/05/09	SO	Soil	STMW-7-15

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-5		
Lab Sample ID:	C4227-1	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4438.D	1	02/12/09	XB	n/a	n/a	VM144
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.4	4.9	1.5	ug/kg	J
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	109%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-5		
Lab Sample ID:	C4227-1	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5144.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.385	0.10	0.050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	276%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-10		
Lab Sample ID:	C4227-2	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4330.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	3.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	110%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-10		
Lab Sample ID:	C4227-2	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5136.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.01 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-15		
Lab Sample ID:	C4227-3	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4325.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.04 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	6.7	5.0	1.5	ug/kg	
108-88-3	Toluene	7.3	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	1.9	5.0	1.5	ug/kg	J
1330-20-7	Xylene (total)	7.8	9.9	4.0	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	111%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-15		
Lab Sample ID:	C4227-3	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5138.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.01 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.111	0.10	0.050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-20		
Lab Sample ID:	C4227-4	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4324.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.01 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	111%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-20		
Lab Sample ID:	C4227-4	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5139.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.099	0.049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-5		
Lab Sample ID:	C4227-5	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4340.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	4.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	13600	6100	1800	ug/kg	
108-88-3	Toluene	3190	6100	1800	ug/kg	J
100-41-4	Ethylbenzene	41800	6100	1800	ug/kg	
1330-20-7	Xylene (total)	124000	12000	4900	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		60-130%
2037-26-5	Toluene-D8	110%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-5		
Lab Sample ID:	C4227-5	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5150.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	5.0 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1070	97	49	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	312% [b]		60-157%

(a) All results reported on wet weight basis.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-10		
Lab Sample ID:	C4227-6	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4339.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	10.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9020	2400	730	ug/kg	
108-88-3	Toluene	18200	2400	730	ug/kg	
100-41-4	Ethylbenzene	9100	2400	730	ug/kg	
1330-20-7	Xylene (total)	44700	4800	1900	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		60-130%
2037-26-5	Toluene-D8	111%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-10		
Lab Sample ID:	C4227-6	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5151.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	20.0 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	325	24	12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	212% [b]		60-157%

(a) All results reported on wet weight basis.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-15		
Lab Sample ID:	C4227-7	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4337.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.09 g	5.0 ml	10.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	18300	2500	740	ug/kg	
108-88-3	Toluene	34100	2500	740	ug/kg	
100-41-4	Ethylbenzene	10000	2500	740	ug/kg	
1330-20-7	Xylene (total)	49100	4900	2000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	112%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-15		
Lab Sample ID:	C4227-7	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5152.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.09 g	5.0 ml	20.0 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	376	25	12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	167% [b]		60-157%

(a) All results reported on wet weight basis.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-20		
Lab Sample ID:	C4227-8	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4326.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8.5	5.0	1.5	ug/kg	
108-88-3	Toluene	8.5	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	1.6	5.0	1.5	ug/kg	J
1330-20-7	Xylene (total)	7.5	9.9	4.0	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	113%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-20		
Lab Sample ID:	C4227-8	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5140.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.0639	0.098	0.049	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-5		
Lab Sample ID:	C4227-9	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4327.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	112%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-5		
Lab Sample ID:	C4227-9	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5141.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.05 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10) [b]	0.0865	0.099	0.050	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		60-157%

(a) All results reported on wet weight basis.
(b) Atypical pattern. Value due to non-target compound(s).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-10		
Lab Sample ID:	C4227-10	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4328.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	110%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-10		
Lab Sample ID:	C4227-10	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5142.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10) [b]	0.0939	0.10	0.050	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		60-157%

(a) All results reported on wet weight basis.
(b) Atypical pattern. Value due to non-target compound(s).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-15		
Lab Sample ID:	C4227-11	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M4329.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	112%		60-130%
460-00-4	4-Bromofluorobenzene	94%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-15		
Lab Sample ID:	C4227-11	**Date Sampled:**	02/03/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5143.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight
Run #1	5.05 g
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.099	0.050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-421-ST | NAME 400 San Pablo Avenue, Albany

SAMPLERS: (Signature) Clyde Hebbon

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg by 8015	BTEX by 8260				REMARKS
1	2/03/09		✓		B-7-5	1	✓	✓			-1	EDF #T0600101089
2			✓		B-7-10	1	✓	✓			-2	
3			✓		B-7-15	1	✓	✓			-3	
4			✓		B-7-20	1	✓	✓			-4	
5			✓		B-8-5	1	✓	✓			-5	
6			✓		B-8-10	1	✓	✓			-6	
7			✓		B-8-15	1	✓	✓			-7	
8			✓		B-8-20	1	✓	✓			-8	
9			✓		STMW-7-5	1	✓	✓			-9	
10			✓		STMW-7-10	1	✓	✓			-10	
11	↓		✓		STMW-7-15	1	✓	✓			-11	Rec'd Brass Tube each w/ 5-7° Temp

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Clyde Hebbon	2/5/09 1542				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	2/5/09 1725				
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				Please send lab report to Frank Hamedi	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

C4227: Chain of Custody
Page 1 of 2

Method Blank Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM141-MB	M4323.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	92%	60-130%
2037-26-5	Toluene-D8	111%	60-130%
460-00-4	4-Bromofluorobenzene	93%	60-130%

Method Blank Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM144-MB	M4423.D	1	02/12/09	XB	n/a	n/a	VM144

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	110%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM141-BS	M4321.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	40	40.1	100	60-130
100-41-4	Ethylbenzene	40	38.9	97	60-130
108-88-3	Toluene	40	39.3	98	60-130
1330-20-7	Xylene (total)	120	115	96	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM144-BS	M4419.D	1	02/12/09	XB	n/a	n/a	VM144

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	40	39.4	99	60-130
100-41-4	Ethylbenzene	40	42.4	106	60-130
108-88-3	Toluene	40	41.7	104	60-130
1330-20-7	Xylene (total)	120	123	103	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	108%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM144-BS	M4422.D	1	02/12/09	XB	n/a	n/a	VM144

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	112%	60-130%
460-00-4	4-Bromofluorobenzene	95%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4198-3MS	M4341.D	1	02/09/09	XB	n/a	n/a	VM141
C4198-3MSD	M4342.D	1	02/09/09	XB	n/a	n/a	VM141
C4198-3 [a]	M4335.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	C4198-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.2	28.6	73	31.1	78	8	60-130/30
100-41-4	Ethylbenzene	ND		39.2	28.1	72	30.5	76	8	60-130/30
108-88-3	Toluene	ND		39.2	29.0	74	32.0	80	10	60-130/30
1330-20-7	Xylene (total)	ND		118	79.5	68	85.8	72	8	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C4198-3	Limits
1868-53-7	Dibromofluoromethane	95%	96%	101%	60-130%
2037-26-5	Toluene-D8	108%	107%	113%	60-130%
460-00-4	4-Bromofluorobenzene	96%	96%	97%	60-130%

(a) Sample contains an unidentified discrete peak.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4307-3MS	M4439.D	1	02/12/09	XB	n/a	n/a	VM144
C4307-3MSD	M4440.D	1	02/12/09	XB	n/a	n/a	VM144
C4307-3	M4433.D	1	02/12/09	XB	n/a	n/a	VM144

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4227-1

CAS No.	Compound	C4307-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		1980	2000	101	1960	99	2	60-130/30
100-41-4	Ethylbenzene	ND		1980	2190	111	2020	102	8	60-130/30
108-88-3	Toluene	ND		1980	2150	109	2010	102	7	60-130/30
1330-20-7	Xylene (total)	ND		5940	6350	107	5840	98	8	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C4307-3	Limits
1868-53-7	Dibromofluoromethane	98%	97%	99%	60-130%
2037-26-5	Toluene-D8	109%	104%	111%	60-130%
460-00-4	4-Bromofluorobenzene	100%	95%	95%	60-130%

Method Blank Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK188-MB	JK5122.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4227-1, C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	97%	60-157%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK188-BS	JK5123.D	1	02/16/09	JA	n/a	n/a	GJK188
GJK188-BSD	JK5124.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4227-1, C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1	0.858	86	0.877	88	2	65-135/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	112%	109%	60-157%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4227
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4218-10MS	JK5126.D	1	02/16/09	JA	n/a	n/a	GJK188
C4218-10MSD	JK5127.D	1	02/16/09	JA	n/a	n/a	GJK188
C4218-10	JK5125.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4227-1, C4227-2, C4227-3, C4227-4, C4227-5, C4227-6, C4227-7, C4227-8, C4227-9, C4227-10, C4227-11

CAS No.	Compound	C4218-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.982	0.655	67	0.624	64* [a]	5	65-135/25

CAS No.	Surrogate Recoveries	MS	MSD	C4218-10	Limits
460-00-4	4-Bromofluorobenzene	105%	107%	97%	60-157%

(a) Outside control limits due to matrix interference. Refer to Blank Spike.

Northern California ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/18/09

Technical Report for

Enviro Soil Tech Consultants

T0600101089-400 San Pablo Avenue, Albany, CA

8-90-421-SI

Accutest Job Number: C4228

Sampling Date: 02/04/09

Report to:

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
info@envirosoiltech.com

ATTN: Frank Hamedi

Total number of pages in report: **21**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA)

Sample Summary

Enviro Soil Tech Consultants

Job No: C4228

T0600101089-400 San Pablo Avenue, Albany, CA
Project No: 8-90-421-SI

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C4228-1	02/04/09	00:00	RM	02/05/09	SO	Soil	B-7-1-4
C4228-2	02/04/09	00:00	RM	02/05/09	SO	Soil	B-8-1-4
C4228-3	02/04/09	00:00	RM	02/05/09	SO	Soil	STMW-7-1-4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-1-4		
Lab Sample ID:	C4228-1	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M4331.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	75	ug/kg	
108-88-3	Toluene	ND	250	75	ug/kg	
100-41-4	Ethylbenzene	ND	250	75	ug/kg	
1330-20-7	Xylene (total)	ND	500	200	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

(a) All results reported on wet weight basis.
(b) 4:1 composite

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-7-1-4		
Lab Sample ID:	C4228-1	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5146.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10) [b]	7.71	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	145%		60-157%

(a) All results reported on wet weight basis.
(b) Atypical pattern. Value due to unknown hydrocarbon.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-1-4		
Lab Sample ID:	C4228-2	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M4338.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	50.0 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1380	500	150	ug/kg	
108-88-3	Toluene	4340	500	150	ug/kg	
100-41-4	Ethylbenzene	3050	500	150	ug/kg	
1330-20-7	Xylene (total)	13800	1000	400	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	111%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.
(b) 4:1 composite

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-8-1-4		
Lab Sample ID:	C4228-2	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5153.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	50.0 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	131	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	248% [b]		60-157%

(a) All results reported on wet weight basis.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-1-4		
Lab Sample ID:	C4228-3	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M4332.D	1	02/09/09	XB	n/a	n/a	VM141
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	75	ug/kg	
108-88-3	Toluene	104	250	75	ug/kg	J
100-41-4	Ethylbenzene	ND	250	75	ug/kg	
1330-20-7	Xylene (total)	ND	500	200	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	111%		60-130%
460-00-4	4-Bromofluorobenzene	94%		60-130%

(a) All results reported on wet weight basis.
(b) 4:1 composite

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7-1-4		
Lab Sample ID:	C4228-3	**Date Sampled:**	02/04/09
Matrix:	SO - Soil	**Date Received:**	02/05/09
Method:	SW846 8015B	**Percent Solids:**	n/a [a]
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5149.D	1	02/17/09	JA	n/a	n/a	GJK188
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		60-157%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-421-SI | NAME 400 San Pablo Avenue, Albany

SAMPLERS: (Signature) Rahul Mandy

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2): TPH-g by 8015 / BTEX by 8260	REMARKS
								C4228
1	2/04/09	12:00	✓		B-7-1	1		EDF #T0600101089
2		12:15	✓		B-7-2	1	✓ ✓	Please composit into 1 sample and label as B-7-1-4 (-1)
3		12:30	✓		B-7-3	1		
4		12:45	✓		B-7-4	1		
5		10:00	✓		B-8-1	1		
6		10:15	✓		B-8-2	1	✓ ✓	Please composit into 1 sample and label as B-8-1-4 (-2)
7		10:30	✓		B-8-3	1		
8		10:45	✓		B-8-4	1		
9		11:00	✓		STMW-7-1	1		
10		11:15	✓		STMW-7-2	1	✓ ✓	Please composit into 1 sample and label as STMW-7-1-4 (-3)
11		11:30	✓		STMW-7-3	1		
12	↓	11:45	✓		STMW-7-4	1		
					Rec'd Brass Tube each w/ 5-T0 Tape			

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Rahul Mandy	2/5/09 1342				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	2/5/09 1745				
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				Please send lab report to Frank Hamedi	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

C4228: Chain of Custody

Page 1 of 2

Method Blank Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM141-MB	M4323.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	92%	60-130%
2037-26-5	Toluene-D8	111%	60-130%
460-00-4	4-Bromofluorobenzene	93%	60-130%

Blank Spike Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM141-BS	M4321.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	40	40.1	100	60-130
100-41-4	Ethylbenzene	40	38.9	97	60-130
108-88-3	Toluene	40	39.3	98	60-130
1330-20-7	Xylene (total)	120	115	96	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4198-3MS	M4341.D	1	02/09/09	XB	n/a	n/a	VM141
C4198-3MSD	M4342.D	1	02/09/09	XB	n/a	n/a	VM141
C4198-3 [a]	M4335.D	1	02/09/09	XB	n/a	n/a	VM141

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	C4198-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.2	28.6	73	31.1	78	8	60-130/30
100-41-4	Ethylbenzene	ND		39.2	28.1	72	30.5	76	8	60-130/30
108-88-3	Toluene	ND		39.2	29.0	74	32.0	80	10	60-130/30
1330-20-7	Xylene (total)	ND		118	79.5	68	85.8	72	8	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C4198-3	Limits
1868-53-7	Dibromofluoromethane	95%	96%	101%	60-130%
2037-26-5	Toluene-D8	108%	107%	113%	60-130%
460-00-4	4-Bromofluorobenzene	96%	96%	97%	60-130%

(a) Sample contains an unidentified discrete peak.

Method Blank Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK188-MB	JK5122.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	97%	60-157%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK188-BS	JK5123.D	1	02/16/09	JA	n/a	n/a	GJK188
GJK188-BSD	JK5124.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1	0.858	86	0.877	88	2	65-135/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	112%	109%	60-157%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4228
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4218-10MS	JK5126.D	1	02/16/09	JA	n/a	n/a	GJK188
C4218-10MSD	JK5127.D	1	02/16/09	JA	n/a	n/a	GJK188
C4218-10	JK5125.D	1	02/16/09	JA	n/a	n/a	GJK188

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4228-1, C4228-2, C4228-3

CAS No.	Compound	C4218-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.982	0.655	67	0.624	64* [a]	5	65-135/25

CAS No.	Surrogate Recoveries	MS	MSD	C4218-10	Limits
460-00-4	4-Bromofluorobenzene	105%	107%	97%	60-157%

(a) Outside control limits due to matrix interference. Refer to Blank Spike.

Torrent
LABORATORY, INC.

February 11, 2009

Frank Hamedi
Enviro Soil Tech Consultants
131 Tully Rd
San Jose, CA 95111

TEL: (408) 297-1500
FAX (408) 292-2116

RE: 8-90-421-SI/400 San Pablo Ave,Albany

Order No.: 0902010

Dear Frank Hamedi:

Torrent Laboratory, Inc. received 6 samples on 2/4/2009 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.
Reported data is applicable for only the samples received as part of the order number referenced above.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

Laboratory Director

2/11/09
Date

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Frank Hamedi
Enviro Soil Tech Consultants

Date Received: 2/4/2009
Date Reported: 2/11/2009

Client Sample ID: VP-1
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-001
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/4/2009	0.0016	1000	1.6	ND	mg/m³	S18619
Ethyl Benzene	TO-15	2/4/2009	0.00217	1000	2.2	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/4/2009	0.00205	1000	2.0	ND	mg/m³	S18619
o-xylene	TO-15	2/4/2009	0.0027	1000	2.7	ND	mg/m³	S18619
Toluene	TO-15	2/4/2009	0.00189	1000	1.9	ND	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/4/2009	0	1000	65-135	85.8	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target light end compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/6/2009	0.352	5000	1800	31000x	mg/m³	H18619

Note: x- Sample chromatogram does not resemble gasoline standard pattern. TPH value includes light end non-target compounds within range of C5-C12 quantified as Gasoline that biases the quantitation

Client Sample ID: VP-2
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/4/2009	0.0016	50	0.080	ND	mg/m³	S18619
Ethyl Benzene	TO-15	2/4/2009	0.00217	50	0.11	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/4/2009	0.00205	50	0.10	ND	mg/m³	S18619
o-xylene	TO-15	2/4/2009	0.0027	50	0.14	ND	mg/m³	S18619
Toluene	TO-15	2/4/2009	0.00189	50	0.094	0.10	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/4/2009	0	50	65-135	84.3	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target light end compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/5/2009	0.352	50	18	190x	mg/m³	H18619

Note: x- Sample chromatogram does not resemble gasoline standard pattern. TPH value includes light end non-target compounds within range of C5-C12 quantified as Gasoline that biases the quantitation

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Frank Hamedi
Enviro Soil Tech Consultants

Date Received: 2/4/2009
Date Reported: 2/11/2009

Client Sample ID: VP-3
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-003
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/4/2009	0.0016	50	0.080	ND	mg/m³	S18619
Ethyl Benzene	TO-15	2/4/2009	0.00217	50	0.11	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/4/2009	0.00205	50	0.10	ND	mg/m³	S18619
o-xylene	TO-15	2/4/2009	0.0027	50	0.14	ND	mg/m³	S18619
Toluene	TO-15	2/4/2009	0.00189	50	0.094	ND	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/4/2009	0	50	65-135	85.1	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/5/2009	0.352	50	18	78x	mg/m³	H18619

Note: x- Sample chromatogram does not resemble gasoline standard pattern. TPH valuedue to HVOC discrete peaks within range of C5-C12 quantified as Gasoline that biases the quantitation

Client Sample ID: VP-4
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/5/2009	0.0016	10	0.016	0.020	mg/m³	S18619
Ethyl Benzene	TO-15	2/5/2009	0.00217	10	0.022	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/5/2009	0.00205	10	0.020	ND	mg/m³	S18619
o-xylene	TO-15	2/5/2009	0.0027	10	0.027	ND	mg/m³	S18619
Toluene	TO-15	2/5/2009	0.00189	10	0.019	ND	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/5/2009	0	10	65-135	94.4	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/5/2009	0.352	10	3.5	2.6x	mg/m³	H18619

Note: x - Result reported as a Stoddard solvent but sample chromatogram does not match any requested fuel standard pattern. TPH value due to presence of heavy end unidentified hydrocarbon peaks.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Frank Hamedi
Enviro Soil Tech Consultants

Date Received: 2/4/2009
Date Reported: 2/11/2009

Client Sample ID: VP-5
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-005
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/5/2009	0.0016	5000	8.0	55	mg/m³	S18619
Ethyl Benzene	TO-15	2/5/2009	0.00217	5000	11	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/5/2009	0.00205	5000	10	ND	mg/m³	S18619
o-xylene	TO-15	2/5/2009	0.0027	5000	14	ND	mg/m³	S18619
Toluene	TO-15	2/5/2009	0.00189	5000	9.4	ND	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/5/2009	0	5000	65-135	97.2	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target light end compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/6/2009	0.352	5000	1800	32000x	mg/m³	H18619

Note: x - Result reported as a Stoddard solvent but sample chromatogram does not match any requested fuel standard pattern. TPH value due to presence of heavy end unidentified hydrocarbon peaks.

Client Sample ID: VP-6
Sample Location: 400 San Pablo Ave,Albany
Sample Matrix: AIR
Date/Time Sampled 2/3/2009

Lab Sample ID: 0902010-006
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	TO-15	2/5/2009	0.0016	10	0.016	0.020	mg/m³	S18619
Ethyl Benzene	TO-15	2/5/2009	0.00217	10	0.022	ND	mg/m³	S18619
m,p-Xylene	TO-15	2/5/2009	0.00205	10	0.020	ND	mg/m³	S18619
o-xylene	TO-15	2/5/2009	0.0027	10	0.027	ND	mg/m³	S18619
Toluene	TO-15	2/5/2009	0.00189	10	0.019	ND	mg/m³	S18619
Surr: 4-Bromofluorobenzene	TO-15	2/5/2009	0	10	65-135	94.5	%REC	S18619

Note: Reporting limits increased due to high concentration of non-target light end compounds surpressng the 4-BFB surrogate.

Gasoline	TO-3(MOD)	2/5/2009	0.352	10	3.5	66x	mg/m³	H18619

Note: x - Result reported as a Stoddard solvent but sample chromatogram does not match any requested fuel standard pattern. TPH value due to presence of heavy end unidentified hydrocarbon peaks.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

CLIENT: Enviro Soil Tech Consultants
Work Order: 0902010
Project: 8-90-421-SI/400 San Pablo Ave,Albany

ANALYTICAL QC SUMMARY REPORT

BatchID: H18619

Sample ID	**LCS-G-H18619**	SampType:	**LCS**	TestCode:	**TO-3Gas (MO**	Units:	**ppbv**	Prep Date:	**2/5/2009**	RunNo:	**18619**
Client ID:	**ZZZZZ**	Batch ID:	**H18619**	TestNo:	**TO-3(MOD)**			Analysis Date:	**2/5/2009**	SeqNo:	**268823**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	499.4	100	500	0	99.9	50	150				

Sample ID	**LCSD-G-H18619**	SampType:	**LCSD**	TestCode:	**TO-3Gas (MO**	Units:	**ppbv**	Prep Date:	**2/6/2009**	RunNo:	**18619**
Client ID:	**ZZZZZ**	Batch ID:	**H18619**	TestNo:	**TO-3(MOD)**			Analysis Date:	**2/6/2009**	SeqNo:	**268824**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	498.2	100	500	0	99.6	50	150	499.4	0.239	30	

Sample ID	**MB-G-H18619**	SampType:	**MBLK**	TestCode:	**TO-3SS (MO**	Units:	**ppbv**	Prep Date:	**2/5/2009**	RunNo:	**18619**
Client ID:	**ZZZZZ**	Batch ID:	**H18619**	TestNo:	**TO-3(MOD)**			Analysis Date:	**2/5/2009**	SeqNo:	**269469**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	100									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Enviro Soil Tech Consultants
Work Order: 0902010
Project: 8-90-421-SI/400 San Pablo Ave,Albany

ANALYTICAL QC SUMMARY REPORT

BatchID: S18619

Sample ID **MB-S18619**	SampType: **MBLK**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **2/4/2009**	RunNo: **18619**
Client ID: **ZZZZZ**	Batch ID: **S18619**	TestNo: **TO-15**		Analysis Date: **2/4/2009**	SeqNo: **268800**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.50									
Ethyl Benzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-xylene	ND	0.50									
Toluene	ND	0.50									
Surr: 4-Bromofluorobenzene	16.89	0	20	0	84.4	65	135				

Sample ID **LCS-S18619**	SampType: **LCS**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **2/4/2009**	RunNo: **18619**
Client ID: **ZZZZZ**	Batch ID: **S18619**	TestNo: **TO-15**		Analysis Date: **2/4/2009**	SeqNo: **268816**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.31	0.50	20	0	102	65	135				
Ethyl Benzene	18.42	0.50	20	0	92.1	65	135				
m,p-Xylene	37.84	0.50	40	0	94.6	65	135				
o-xylene	18.01	0.50	20	0	90.0	65	135				
Toluene	18.58	0.50	20	0	92.9	65	135				
Surr: 4-Bromofluorobenzene	18.89	0	20	0	94.4	65	135				

Sample ID **LCSD-S18619**	SampType: **LCSD**	TestCode: **TO-15**	Units: **ppbv**	Prep Date: **2/4/2009**	RunNo: **18619**
Client ID: **ZZZZZ**	Batch ID: **S18619**	TestNo: **TO-15**		Analysis Date: **2/4/2009**	SeqNo: **268802**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.81	0.50	20	0	99.0	65	135	20.31	2.49	30	
Ethyl Benzene	18.74	0.50	20	0	93.7	65	135	18.42	1.72	30	
m,p-Xylene	36.78	0.50	40	0	92.0	65	135	37.84	2.84	30	
o-xylene	18.73	0.50	20	0	93.6	65	135	18.01	3.92	30	
Toluene	19.15	0.50	20	0	95.8	65	135	18.58	3.02	30	
Surr: 4-Bromofluorobenzene	18.61	0	20	0	93.0	65	135	0	0	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-421-SI

NAME 400 San Pablo Avenue, Albany

SAMPLERS: (Signature) FRANK HAMEDI

0902010

	NO.	DATE	TIME	SOIL	WATER	AIR	LOCATION	CONTAINER	Analyses Requested (2) TPHg by 8260	BTEX by 8260					REMARKS
								Tedlar							
001A	1	2/03/09				✓	VP-1	1	✓	✓					EDF#T0608501689
002A	2	↓				✓	VP-2	1	✓	✓					
003A	3					✓	VP-3	1	✓	✓					
004A	4					✓	VP-4	1	✓	✓					
005A	5					✓	VP-5	1	✓	✓					*Please report the results in mg/m³*
006A	6					✓	VP-6	1	✓	✓					

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
	2.4.09 9:30			2/4/09 9:30am	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Please send lab report to Frank Hamedi	

D/off.

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

Northern California ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/23/09

Technical Report for

Enviro Soil Tech Consultants

T0600101089-400 San Pablo Avenue, Albany, CA

8-90-421-SI

Accutest Job Number: C4416

Sampling Date: 02/12/09

Report to:

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
info@envirosoiltech.com

ATTN: Frank Hamedi

Total number of pages in report: **47**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA)

Accutest Laboratories

Sample Summary

Enviro Soil Tech Consultants

Job No: C4416

T0600101089-400 San Pablo Avenue, Albany, CA
Project No: 8-90-421-SI

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C4416-1	02/12/09	14:43		02/13/09	AQ	Ground Water	STMW-1
C4416-2	02/12/09	13:15		02/13/09	AQ	Ground Water	STMW-2
C4416-3	02/12/09	12:36		02/13/09	AQ	Ground Water	STMW-3
C4416-4	02/12/09	11:54		02/13/09	AQ	Ground Water	STMW-4
C4416-5	02/12/09	10:31		02/13/09	AQ	Ground Water	STMW-5
C4416-6	02/12/09	13:59		02/13/09	AQ	Ground Water	STMW-6
C4416-7	02/12/09	09:08		02/13/09	AQ	Ground Water	STMW-7
C4416-8	02/12/09	11:09		02/13/09	AQ	Ground Water	MW-2
C4416-9	02/12/09	09:51		02/13/09	AQ	Ground Water	MW-3

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-1		
Lab Sample ID:	C4416-1	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04913.D	20	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1520	20	6.0	ug/l	
108-88-3	Toluene	90.1	20	10	ug/l	
100-41-4	Ethylbenzene	412	20	6.0	ug/l	
1330-20-7	Xylene (total)	1020	40	14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-1		
Lab Sample ID:	C4416-1	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5240.D	20	02/19/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	12.4	1.0	0.50	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	146%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-2		
Lab Sample ID:	C4416-2	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04943.D	1	02/18/09	TF	n/a	n/a	VN164
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	37.8	1.0	0.30	ug/l	
108-88-3	Toluene	0.86	1.0	0.50	ug/l	J
100-41-4	Ethylbenzene	15.1	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	0.75	2.0	0.70	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-2		
Lab Sample ID:	C4416-2	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5297.D	4	02/21/09	JA	n/a	n/a	GJK193
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.61	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	213% [a]		64-153%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-3		
Lab Sample ID:	C4416-3	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04914.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-3		
Lab Sample ID:	C4416-3	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5242.D	1	02/19/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-4		
Lab Sample ID:	C4416-4	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04915.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-4		
Lab Sample ID:	C4416-4	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5243.D	1	02/19/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-5		
Lab Sample ID:	C4416-5	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04916.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	4.0	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.83	1.0	0.30	ug/l	J
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-5		
Lab Sample ID:	C4416-5	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-5		
Lab Sample ID:	C4416-5	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5244.D	1	02/19/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-6		
Lab Sample ID:	C4416-6	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04911.D	5	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	284	5.0	1.5	ug/l	
108-88-3	Toluene	7.1	5.0	2.5	ug/l	
100-41-4	Ethylbenzene	25.7	5.0	1.5	ug/l	
1330-20-7	Xylene (total)	22.7	10	3.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-6		
Lab Sample ID:	C4416-6	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5245.D	5	02/19/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.973	0.25	0.13	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	110%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7		
Lab Sample ID:	C4416-7	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N04920.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.62	1.0	0.30	ug/l	J
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) Sample contains high concentrations of chlorinated compounds.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STMW-7		
Lab Sample ID:	C4416-7	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5300.D	2	02/21/09	JA	n/a	n/a	GJK193
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10) [a]	0.762	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		64-153%

(a) Atypical pattern. Value due to non-target compound(s).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: MW-2
Lab Sample ID: C4416-8 **Date Sampled:** 02/12/09
Matrix: AQ - Ground Water **Date Received:** 02/13/09
Method: SW846 8260B **Percent Solids:** n/a
Project: T0600101089-400 San Pablo Avenue, Albany, CA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04917.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C4416-8	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	95%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C4416-8	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5250.D	1	02/20/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		64-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	C4416-9	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N04919.D	1	02/17/09	TF	n/a	n/a	VN162
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.9	1.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	0.21	1.0	0.20	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	64.1	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.74	1.0	0.30	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	77.5	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	21.1	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	C4416-9	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

VOA Halogenated and Aromatic List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	5.8	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	C4416-9	**Date Sampled:**	02/12/09
Matrix:	AQ - Ground Water	**Date Received:**	02/13/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	T0600101089-400 San Pablo Avenue, Albany, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JK5251.D	2	02/20/09	JA	n/a	n/a	GJK192
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

TPH Volatiles

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.866	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	524% [a]		64-153%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-4215I

NAME 400 San Pablo Avenue, Albany

SAMPLERS: (Signature) Hamedi-Fa

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg by 8015	BTEX by 8260B	Chlorinated Solvents by 8260B		REMARKS
1	2/12/09	1443		✓	STMW-1	4	✓	✓		-1	EDF#T0600101089
2		1315		✓	STMW-2	4	✓	✓		-2	
3		1236		✓	STMW-3	4	✓	✓		-3	
4		1154		✓	STMW-4	4	✓	✓		-4	*All vials are HCL preserved.*
5		1031		✓	STMW-5	4	✓	✓	✓	-5	
6		1359		✓	STMW-6	4	✓	✓		-6	
7		908		✓	STMW-7	4	✓	✓		-7	*8260 report by 8010 list.
8		1109		✓	MW-2	4	✓	✓	✓	-8	
9	↓	951		✓	MW-3	4	✓	✓	✓	-9	
					Recd 4 VOA's each w/ 2.4° Temp.						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Hamedi-Fa	2/13/09 1258				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	2/13/09 1345				
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				Please send lab report to Frank Hamedi	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

C4416: Chain of Custody
Page 1 of 2

Method Blank Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN162-MB	N04903.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

Method Blank Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN162-MB	N04903.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Method Blank Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN164-MB	N04940.D	1	02/18/09	TF	n/a	n/a	VN164

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	104%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

Blank Spike Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN162-BS	N04904.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	20.3	102	60-130
75-27-4	Bromodichloromethane	20	22.2	111	60-130
75-25-2	Bromoform	20	24.1	121	60-130
108-90-7	Chlorobenzene	20	21.0	105	60-130
75-00-3	Chloroethane	20	19.0	95	60-130
67-66-3	Chloroform	20	21.1	106	60-130
56-23-5	Carbon tetrachloride	20	22.8	114	60-130
75-34-3	1,1-Dichloroethane	20	21.8	109	60-130
75-35-4	1,1-Dichloroethylene	20	23.5	118	60-130
107-06-2	1,2-Dichloroethane	20	24.9	125	60-130
78-87-5	1,2-Dichloropropane	20	23.0	115	60-130
124-48-1	Dibromochloromethane	20	21.1	106	60-130
75-71-8	Dichlorodifluoromethane	20	19.3	97	60-130
156-59-2	cis-1,2-Dichloroethylene	20	21.1	106	60-130
10061-01-5	cis-1,3-Dichloropropene	20	21.2	106	60-130
541-73-1	m-Dichlorobenzene	20	21.7	109	60-130
95-50-1	o-Dichlorobenzene	20	20.3	102	60-130
106-46-7	p-Dichlorobenzene	20	19.7	99	60-130
156-60-5	trans-1,2-Dichloroethylene	20	20.0	100	60-130
10061-02-6	trans-1,3-Dichloropropene	20	21.4	107	60-130
100-41-4	Ethylbenzene	20	20.7	104	60-130
74-83-9	Methyl bromide	20	15.0	75	60-130
74-87-3	Methyl chloride	20	29.8	149* [a]	60-130
75-09-2	Methylene chloride	20	19.6	98	60-130
1634-04-4	Methyl Tert Butyl Ether	20	21.3	107	60-130
71-55-6	1,1,1-Trichloroethane	20	21.5	108	60-130
79-34-5	1,1,2,2-Tetrachloroethane	20	20.3	102	60-130
79-00-5	1,1,2-Trichloroethane	20	23.2	116	60-130
127-18-4	Tetrachloroethylene	20	21.9	110	60-130
108-88-3	Toluene	20	19.5	98	60-130
79-01-6	Trichloroethylene	20	22.5	113	60-130
75-69-4	Trichlorofluoromethane	20	16.7	84	60-130
75-01-4	Vinyl chloride	20	20.2	101	60-130
1330-20-7	Xylene (total)	60	62.6	104	60-130

Blank Spike Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN162-BS	N04904.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

(a) Outside control limits. Not detected in associated samples.

Blank Spike Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN162-BS	N04905.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Blank Spike Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN164-BS	N04941.D	1	02/18/09	TF	n/a	n/a	VN164

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	20.6	103	60-130
100-41-4	Ethylbenzene	20	21.4	107	60-130
108-88-3	Toluene	20	19.7	99	60-130
1330-20-7	Xylene (total)	60	64.4	107	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN164-BS	N04942.D	1	02/18/09	TF	n/a	n/a	VN164

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4416-8MS	N04921.D	1	02/17/09	TF	n/a	n/a	VN162
C4416-8MSD	N04922.D	1	02/17/09	TF	n/a	n/a	VN162
C4416-8	N04917.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Compound	C4416-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	20.9	105	19.7	99	6	60-130/25
75-27-4	Bromodichloromethane	ND		20	22.5	113	21.6	108	4	60-130/25
75-25-2	Bromoform	ND		20	23.1	116	22.5	113	3	60-130/25
108-90-7	Chlorobenzene	ND		20	21.4	107	20.7	104	3	60-130/25
75-00-3	Chloroethane	ND		20	19.6	98	20.1	101	3	60-130/25
67-66-3	Chloroform	ND		20	21.5	108	20.6	103	4	60-130/25
56-23-5	Carbon tetrachloride	ND		20	23.3	117	21.9	110	6	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	22.4	112	21.4	107	5	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	23.7	119	22.4	112	6	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	25.2	126	24.0	120	5	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	23.5	118	22.4	112	5	60-130/25
124-48-1	Dibromochloromethane	ND		20	20.8	104	20.2	101	3	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	19.2	96	18.8	94	2	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	21.5	108	20.4	102	5	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	20.9	105	19.9	100	5	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	21.9	110	20.9	105	5	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	20.3	102	19.4	97	5	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	19.8	99	18.9	95	5	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	20.4	102	19.3	97	6	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	21.2	106	20.6	103	3	60-130/25
100-41-4	Ethylbenzene	ND		20	21.4	107	20.6	103	4	60-130/25
74-83-9	Methyl bromide	ND		20	15.6	78	15.5	78	1	60-130/25
74-87-3	Methyl chloride	ND		20	27.6	138* [a]	27.0	135* [a]	2	60-130/25
75-09-2	Methylene chloride	ND		20	19.5	98	18.5	93	5	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	21.0	105	20.3	102	3	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	22.1	111	20.9	105	6	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	20.0	100	19.2	96	4	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	23.2	116	22.5	113	3	60-130/25
127-18-4	Tetrachloroethylene	ND		20	23.8	119	21.0	105	13	60-130/25
108-88-3	Toluene	ND		20	19.7	99	18.9	95	4	60-130/25
79-01-6	Trichloroethylene	ND		20	23.0	115	21.6	108	6	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	17.2	86	17.4	87	1	60-130/25
75-01-4	Vinyl chloride	ND		20	18.8	94	18.3	92	3	60-130/25
1330-20-7	Xylene (total)	ND		60	64.1	107	61.4	102	4	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4416-8MS	N04921.D	1	02/17/09	TF	n/a	n/a	VN162
C4416-8MSD	N04922.D	1	02/17/09	TF	n/a	n/a	VN162
C4416-8	N04917.D	1	02/17/09	TF	n/a	n/a	VN162

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-7, C4416-8, C4416-9

CAS No.	Surrogate Recoveries	MS	MSD	C4416-8	Limits
1868-53-7	Dibromofluoromethane	97%	97%	97%	60-130%
2037-26-5	Toluene-D8	102%	103%	103%	60-130%
460-00-4	4-Bromofluorobenzene	100%	102%	95%	60-130%

(a) Outside control limits. Not detected in associated samples.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue,Albany,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4438-15MS	N04953.D	1	02/18/09	TF	n/a	n/a	VN164
C4438-15MSD	N04954.D	1	02/18/09	TF	n/a	n/a	VN164
C4438-15	N04951.D	1	02/18/09	TF	n/a	n/a	VN164

The QC reported here applies to the following samples: **Method:** SW846 8260B

C4416-2

CAS No.	Compound	C4438-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	20.5	103	20.2	101	1	60-130/25
100-41-4	Ethylbenzene	ND		20	21.2	106	20.7	104	2	60-130/25
108-88-3	Toluene	ND		20	19.4	97	19.0	95	2	60-130/25
1330-20-7	Xylene (total)	ND		60	63.5	106	62.4	104	2	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C4438-15	Limits
1868-53-7	Dibromofluoromethane	97%	97%	96%	60-130%
2037-26-5	Toluene-D8	102%	102%	103%	60-130%
460-00-4	4-Bromofluorobenzene	101%	101%	97%	60-130%

Method Blank Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK192-MB	JK5226.D	1	02/19/09	JA	n/a	n/a	GJK192

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-8, C4416-9

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	64-153%

Method Blank Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK193-MB	JK5272.D	1	02/20/09	JA	n/a	n/a	GJK193

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-2, C4416-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.025	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	97%	64-153%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK192-BS	JK5229.D	1	02/19/09	JA	n/a	n/a	GJK192
GJK192-BSD	JK5230.D	1	02/19/09	JA	n/a	n/a	GJK192

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-8, C4416-9

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.125	0.137	110	0.139	111	1	65-135/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	98%	102%	64-153%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GJK193-BS	JK5275.D	1	02/20/09	JA	n/a	n/a	GJK193
GJK193-BSD	JK5276.D	1	02/20/09	JA	n/a	n/a	GJK193

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-2, C4416-7

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.125	0.111	89	0.114	91	3	65-135/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	100%	102%	64-153%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4416-4MS	JK5268.D	1	02/20/09	JA	n/a	n/a	GJK192
C4416-4MSD	JK5269.D	1	02/20/09	JA	n/a	n/a	GJK192
C4416-4	JK5243.D	1	02/19/09	JA	n/a	n/a	GJK192

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-1, C4416-3, C4416-4, C4416-5, C4416-6, C4416-8, C4416-9

CAS No.	Compound	C4416-4 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.125	0.117	94	0.117	94	0	65-135/25

CAS No.	Surrogate Recoveries	MS	MSD	C4416-4	Limits
460-00-4	4-Bromofluorobenzene	103%	103%	96%	64-153%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C4416
Account: ESTCASJ Enviro Soil Tech Consultants
Project: T0600101089-400 San Pablo Avenue, Albany, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C4418-1MS	JK5293.D	1	02/21/09	JA	n/a	n/a	GJK193
C4418-1MSD	JK5294.D	1	02/21/09	JA	n/a	n/a	GJK193
C4418-1	JK5292.D	1	02/21/09	JA	n/a	n/a	GJK193

The QC reported here applies to the following samples: **Method:** SW846 8015B

C4416-2, C4416-7

CAS No.	Compound	C4418-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.125	0.115	92	0.120	96	4	65-135/25

CAS No.	Surrogate Recoveries	MS	MSD	C4418-1	Limits
460-00-4	4-Bromofluorobenzene	105%	101%	100%	64-153%

File No. 8-90-421-SI
February 26, 2009

A P P E N D I X "J"

SUMMA CANISTER

ENVIRO SOIL TECH CONSULTANTS

Soil Gas Sampling – PRT System Operation

from Geoprobe Systems®

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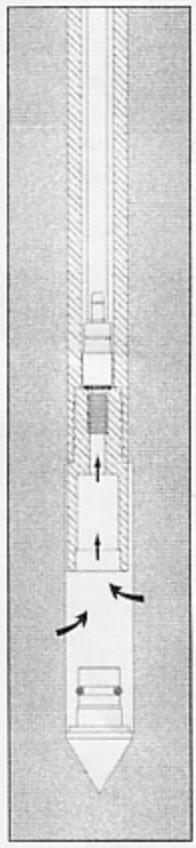


Soil Gas Sampling using the Post-Run Tubing (PRT) System.

Soil Gas Sampling — PRT System Operation

Basics

Using the Post-Run Tubing System, one can drive probe rods to the desired sampling depth, then insert and seal an internal tubing for soil gas sampling. The usual Geoprobe probe rods and driving accessories and the following tools are required:

- PRT Expendable Point Holder
- PRT Adapter
- Selected PRT Tubing

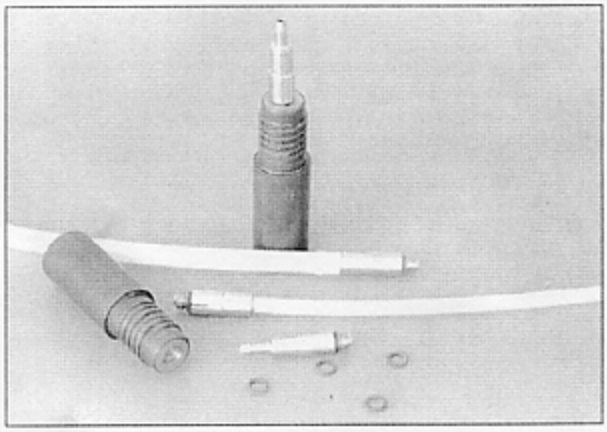
Preparation

1. Clean all parts prior to use. Install O-rings on the PRT Expendable Point Holder and the PRT adapter.
2. Inspect the probe rods and clear them of all obstructions.
3. TEST FIT the adapter with the PRT fitting on the expendable point holder to assure that the threads are compatible and fit together smoothly.

   NOTE: PRT fittings are left-hand threaded.

4. Push the adapter into the end of the selected tubing. Tape may be used on the outside of the adapter and tubing to prevent the tubing from spinning freely around the adapter during connection – especially when using Teflon tubing **(Figure 1)**.

   REMEMBER: The sample will not contact the outside of the tubing or adapter.



PRT SYSTEM PARTS
PRT Expendable Point Holder, PRT Adapters, Tubing, and O-rings.

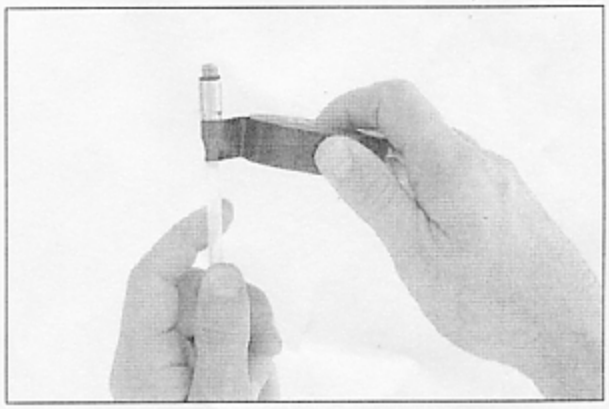


Figure 1. Securing adapter to tubing with tape. NOTE: Tape does not contact soil gas sample.

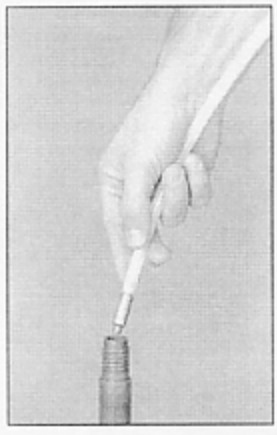


Figure 2. Insertion of tubing and PRT adapter.

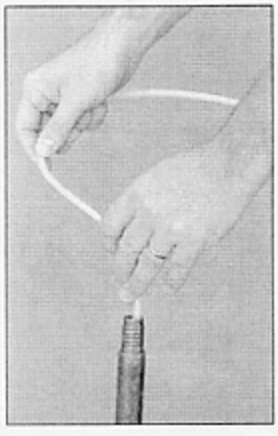
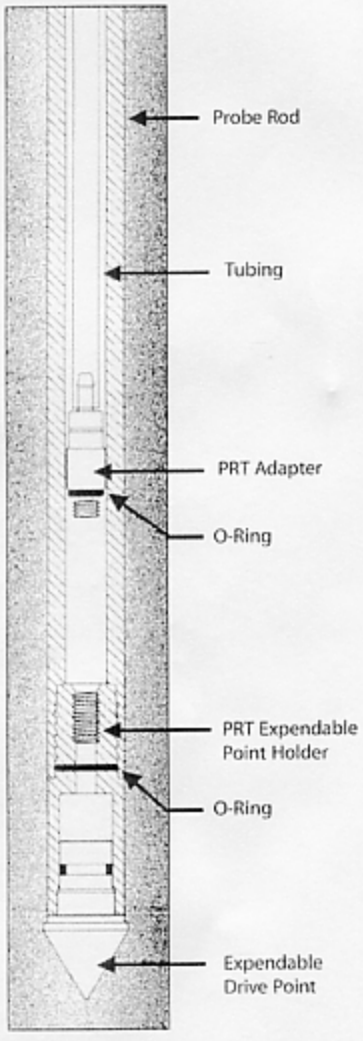


Figure 3. Engaging threads by rotating tubing.

Soil Gas Sampling — PRT System Operation



A cross section of probe rods driven to depth and then retracted to allow for soil gas sampling. The PRT adapter and tubing are now fed through the rods and rotated to form a vacuum-tight connection at the point holder. The result is a continuous run of tubing from the sample level to the surface.

Probing

Drive the PRT tip configuration into the ground. Connect probe rods as necessary to reach the desired depth. After depth has been reached, disengage the expendable point by pulling up on the probe rods. Remove the pull cap from the top probe rod, and position the Geoprobe unit to allow room to work.

Connection

1. Insert the adapter end of the tubing down the inside diameter of the probe rods **(Figure 2)**.

2. Feed the tubing down the rod bore until it hits bottom on the expendable point holder. Allow about 2 ft. (610 mm) of tubing to extend out of the hole before cutting it.

3. Grasp the excess tubing and apply some downward pressure while turning it in a counterclockwise motion to engage the adapter threads with the expendable point holder **(Figure 3)**.

4. Pull up lightly on the tubing to test engagement of the threads. (Failure of adapter to thread could mean that intrusion of soil may have occurred during driving of probe rods or disengagement of drive point.)

Soil Gas Sampling — PRT System Operation

Sampling

1. Connect the outer end of the tubing to the Silicone Tubing Adapter and vacuum hose (or other sampling apparatus).

2. Follow the appropriate sampling procedure for collecting a soil gas sample **(Figure 1)**.

Removal

1. After collecting a sample, disconnect the tubing from the vacuum hose or sampling system.

2. Pull up firmly on the tubing until it releases from the adapter at the bottom of the hole. (Taped tubing requires a stronger pull.)

3. Remove the tubing from the probe rods. Dispose of polyethylene tubing or decontaminate Teflon tubing as protocol dictates.

4. Retrieve the probe rods from the ground and recover the expendable point holder with the attached PRT adapter.

5. Inspect the O-ring at the base of the PRT adapter to verify that proper sealing was achieved during sampling. The O-ring should be compressed. This seal can be tested by capping the open end of the point holder applying vacuum to the PRT adapter.

6. Prepare for the next sample.

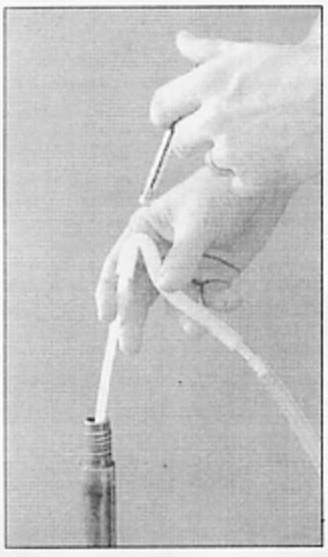
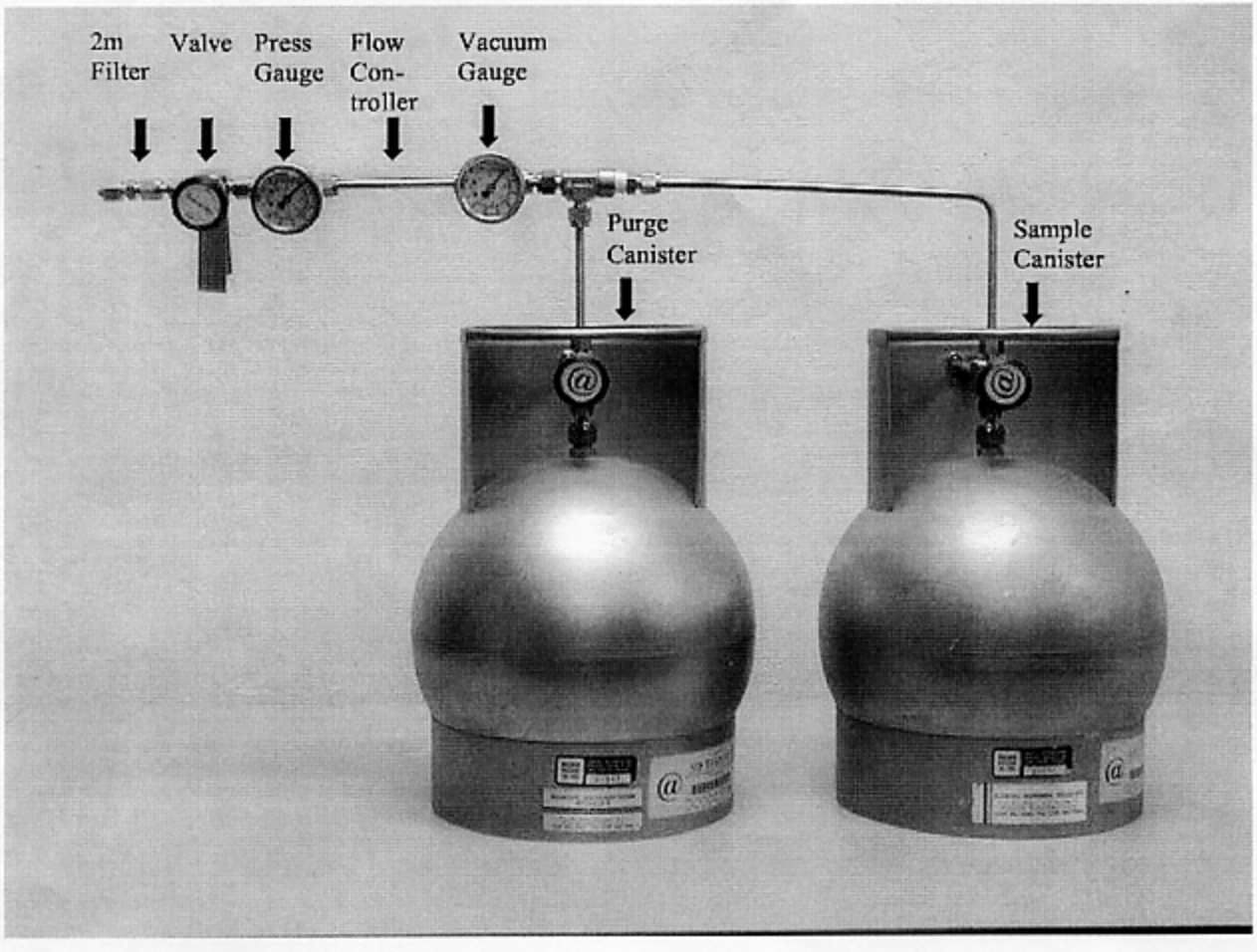


Figure 1. Taking a soil gas sample for direct injection into a GC with the PRT system.


2m Filter
Valve
Press Gauge
Flow Con-troller
Vacuum Gauge
Purge Canister
Sample Canister