RO 260

File No. 8-90-421-SI

HISTORICAL EVENTS REPORT
FOR THE PROPERTY
LOCATED AT 400 SAN PABLO AVENUE
ALBANY, CALIFORNIA
OCTOBER 1, 2003

PREPARED FOR:
MR. MURRAY STEVENS
3356 KINCHELOE COURT
LAFAYETTE, CALIFORNIA 94549-2308

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

ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

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October 1, 2003

Mr. Murray Stevens
3356 Kincheloe Court
Lafayette, California 94549-2308

SUBJECT: CAR WASH PLAZA
Located at 400 San Pablo Avenue, in
Albany, California

Dear Mr. Stevens:

This report presents the results of historical events regarding the fuel leak at the property located at 400 San Pablo Avenue, in Albany, California.

The data were complied from previous investigations and the involvement of Soil Tech Engineering (STE), Enviro Soil Tech Consultants (ESTC), and summary of previous consultants.

This historical event report was requested by Mr. Scott O. Seery, R.G., with Alameda County Health Care Services Agency for additional investigation and site closure.

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

LAWRENCE KOO, P.E.
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REGISTERED PROFESSIONAL ENGINEER
LAWRENCE SHUI-BING KOO
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STATE OF CALIFORNIA

PURPOSE

The purpose of this report is to comply with the request of Mr. Scott O. Seery, R. G. with Alameda County Health Care Services Agency (ACHCSA) regarding the compile of all the environmental site activities since the discovery of the leak from the petroleum underground tanks system.

SITE DESCRIPTION

The site is located at 400 San Pablo Avenue, in Albany, California, approximately one mile east of San Francisco Bay (Figure 1). 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 comprises are primarily light commercial and residential buildings (Figure 2).

BACKGROUND AND PREVIOUS INVESTIGATION

The site was vacant until the late 1950's when Plaza Car Wash and the adjacent Norge Dry Cleaner buildings were constructed. The three underground fuel storage tanks were installed on the site in 1970.

Observation of petroleum free-floating product in the adjacent El Cerrito Creek, on July 3, 1989, prompted the Albany Fire Department to installed absorbent materials and boom as a temporary containment measure. A storm drain, which borders the site on the west, was found to be the source of petroleum products discharged into El Cerrito Creek.

The inventory reconciliation records for Plaza Car Wash, reviewed by Kamur Industries in July 1989, showed discrepancies in the unleaded gasoline inventory. A product line test, conducted in mid-July 1989, confirmed a small leak in the unleaded gasoline fuel lines beneath the pump island. The leak was repaired and approximately five to ten cubic yards of gasoline contaminated soil was removed from beneath the line. Analytical results of composite sample of the excavated soil revealed Total Petroleum Hydrocarbon (TPH) concentration of 7,500 parts per million (ppm).

Subsurface Consultants, Inc. (SCI) was retained by Kamur Industries to perform a site assessment. On August 1, 1989, SCI drilled five soil borings and obtained soil samples for laboratory analysis. Four of the soil borings were completed as monitoring wells. The locations of the monitoring wells are shown in Figure 3. Laboratory analysis showed the presence of gasoline contaminants in all soil and groundwater obtained on August 1 and 3, 1989.

Per CRWQCB staff request, water samples were also obtained from El Cerrito Creek and the storm drain outlet on August 3, 1989. Laboratory analysis revealed high levels of dissolved hydrocarbons at the storm drain outlet to the creek, and low levels were detected about 20 feet down-gradient.

Absorbent pads and booms had been placed in the storm drainpipe and outlet to collect the product and limiting the discharge of petroleum product to the creek. Based on discussions with RWQCB on August 7, 1989, a routine sampling program from the storm drain outlet and the creek, both up and down stream from the outlet, were established.

Based on RWQCB, sampling protocol of El Cerrito Creek were sampled within 48 hours following a significant rainfall greater than or equal to 0.25 inches. The last sampling was collected on January 12, 1999. The results of historical sampling are tabulated in Table 2.

On September 19, 1989, Pacific Pipeline Survey (PPS) conducted a video inspection of the Adams Street storm drain. The inspection revealed excess concrete along the pipe bottom, a bend area across the pipe section and large cracks in the pipe. The bend area was considered to be the most likely location for petroleum products to enter the storm drainpipe and eventually discharge into El Cerrito Creek.

On October 10 and 11, 1989, Riedel Environmental Services, Inc. installed a sump on Adams Street, and was placed adjacent to the damaged section of the storm drain for optimum groundwater level influence. Storm drain pipe joints exposed during sump installation procedures were sealed with mortar. All excavated soils found to be contaminated, when screened with an organic vapor analyzer, were removed and stored on-site for proper disposal. On December 18, 1989, International Technology Environmental Services (ITES) removed stockpiled soils from the product line repair and sump installation areas. Soils were treated on-site and were subsequently transported to the West Contra Costa Sanitary Landfill for disposal.

A soil vapor study (SVS) conducted by SCI in the area of the Plaza Car Wash and adjacent properties, revealed the presence of contaminants. The results of the SVS investigation are described in the SCI report dated November 7, 1989.

In December 1989, Kamur Industries retained ITES to conduct monitoring and sampling of on-site monitoring wells, the Adams Street sump and El Cerrito Creek. Monitoring and sampling were conducted on a monthly basis from December 1989 through May 1990. All on-site wells showed high levels of dissolved hydrocarbons, and one well showed traces of floating product. The sump also indicated high levels of dissolved hydrocarbons. The El Cerrito Creek samples, taken after each significant rainstorm, showed non-detectable levels in the upstream station; the storm drain outlet samples showed moderate levels of dissolved hydrocarbons, and the down-stream station showed fairly low to non-detectable levels.

On November 5 and 6, 1990, Alpha Geo Services (AGS) removed three 10,000 gallons gasoline storage tanks. As the tanks were removed, gasoline contamination was noted on the sidewalls of the excavation. The shallow groundwater was encountered at eight (8) feet below the ground surface. A thin film of dark brownish color floating product was observed on the surface of shallow groundwater. Six soil samples were taken from the sidewalls of the excavation at the depth of 7 feet below the surface, which were 1 foot above the groundwater. The soil samples were labeled as 1-7, 2-7, 3-7, 4-7, 5-7 and 6-7 (see Figure 2 for location of samples and Table 1 for laboratory results of samples). The analytical results showed elevated concentration of TPHg in the range of 640 to 1890 milligram per kilogram (mg/kg).

On November 7, 1990, soil was excavated laterally at approximately 25 feet to the west in the vicinity of the product lines to the depth of 3 to 4 feet. Four soil samples were collected from this area at the depth of 3 to 4 feet bgs and labeled as 7-4, 8-4, 9-3 and 10-3 (see Figure 2 and Table 1). All four soil samples showed elevated TPHg ranging from 142 to 4860 mg/Kg. It appeared that the leakage had migrated within the backfill material around the product line areas.

On November 8, 1990, additional soil was excavated and the sidewalls of the excavation were resampled and analyzed on site by Mobile Chem Lab, Inc. The intent was to fine the extent of soil contamination toward San Pablo Avenue and the car wash building. The results of soil samples 11-7, 12-9 and 14-8 indicated elevated levels of TPHg in the range of 470, 580 and 700 mg/Kg, respectively along the easterly and southerly sidewalls. The northerly sidewall sample 13-7 showed lower levels of TPHg (290 mg/Kg) (see Figure 3 and Table 1).

On November 9, 1990, additional obviously contaminated soil was removed laterally from the westerly section of excavation. Soil with gasoline stains and/or petroleum odor was excavated vertically to the depth of 9 to 13 feet. Two existing shallow monitoring wells (MW-1 and MW-4) were removed during addition excavation as they were located adjacent to grossly contaminated soil. A permit from Alameda County Flood Control and Water Conservation District-Zone 7 (ACFCWCD-Zone 7) was obtained on November 5, 1990.

Upon the completion of over-excavation, five soil samples were taken from the excavation sidewalls (16-7, 18-7, 19-8, 20-10 and 21-20). Analyses of these additional soil samples showed elevated levels of TPHg in the ranged of 440 to maximum of 1300 mg/Kg (see Figure 3 for location and Table 1 for the results).

The analytical results associated with soil sampling collected during soil excavation showed moderate to high levels of TPHg still existed in the soil to the north, south, east and west of excavation due to the existing car wash building and east driveway to the dry clean, soil excavation was terminated and excavated areas were

backfilled with clean exported soil. Prior to backfilling the excavated area, groundwater was pumped out, and one grab water was collected from excavation area to determine the concentration of dissolved hydrocarbon in the water. Analyses showed low levels of Benzene [0.4 microgram per liter (μg/L)], Toluene at 0.7 μg/L, Ethylbenzene at 0.3 μg/L and Xylenes at 1 μg/L. TPHg was below laboratory detection limit.

The depth of final excavation ranged from 10 to 13 feet bgs. All the excavation soil was stockpiled at the site. Stockpile was sampled, treated and properly disposed at the approved facility (approximately 1100 cubic yards of soil).

Due to the presence of floating product in the shallow groundwater, on November 8, 1990, approximately 4700 gallons, on November 9, 1990, 3800 gallons and on November 10, 1990, 5,000 gallons of contaminated groundwater from the excavation were pumped by Erickson, Inc.

Prior to backfilling the excavated area, two 6-inch PVC pipes with 5 foot perforated sections were installed in the excavated area to be used as observation wells for groundwater and/or to be used for future soil/groundwater remediation.

On February 24, 1991, two monitoring wells (STMW-1 and STMW-2) were installed. Monitoring well STMW-1 replaced the former down-gradient wells MW-1 and MW-4, which were abandoned during soil excavation. Monitoring well STMW-2, which was installed as cross-gradient well north of the former tank complex, provides soil and groundwater data near the northern property boundary.

Soil samples were collected at the depth of 5 feet (SW-1-5 and SW-2-5). In addition, the newly installed wells and previously installed on-site wells MW-2, MW-3 and off-site well OTMW-5 located up-gradient of property, which were installed for the paint company, were sampled. Groundwater was encountered during drilling at 7 feet bgs. The static water level measured approximately 5 feet bgs. The subsurface material at the site is an irregular layer of clayey silt and sandy clay with some lenses of gravel.

The results of groundwater samples are presented in Table 4 (dated March 11, 1991). These results show the presence of petroleum hydrocarbon compounds in all of the wells. Low levels of TPHg and BTEX were detected in the up-gradient well OTMW-5. The new wells (STMW-1 and STMW-2) show low concentration of TPH and BTX, which were less than 1000 μg/L. No Ethylbenzene was detected in wells STMW-1 and STMW-2. The existing down-gradient on-site wells MW-2 and MW-3 did have elevated levels of TPHg and BTEX.

On May 4, 1993, an interim groundwater remediation plan for groundwater treatment was prepared. A permit for discharge of treated water (NPDES) was submitted to RWQCB-SFB prior to the construction of remediation system. On November 20, 1993, NPDES permit was issued for the site. Due to the change of Alameda County requirement, the construction of remediation system was halted.

On November 4, 1996, three additional monitoring wells (STMW-3, STMW-4 and STMW-5) were installed. Soil samples were collected for laboratory analyses at the depth of 6 feet bgs. The results indicated very low levels of TPHg and BET (3.1 mg/Kg, 0.044 mg/Kg, 0.0092 mg/Kg and 0.0089 mg/Kg, respectively) in soil sample 5-6.

On November 14, 1996, seven water samples collected from the seven on-site wells (MW-2, MW-3 and STMW-1 through STMW-5) were analyzed for TPHg, BTEX and MTBE. In addition, sample from MW-3 was analyzed for Volatile Organic Compounds (VOCs) per EPA Method 601. The results indicated concentrations of TPHg and BTEX below laboratory detection limit in wells MW-2, STMW-4 and STMW-5 while low levels of BTEX were detected in wells MW-3, STMW-1, STMW-2 and STMW-3. All seven samples detected MTBE below the laboratory detection limit.

On October 1, 1999, per verbal request of Ms. Eva Chu with ACHCSA, ESTC sampled observation well (OB-2). The results indicated low levels of TPHg at 350 microgram per liter (μg/L), BTEX at (14 μg/L, 2.7 μg/L, 0.8 μg/L and 1.3 μg/L, respectively) and MTBE at 33 μg/L.

On May 15, 2000, after obtaining all the necessary permits, observation wells OB-1 and OB-2 were decommissioned.

On May 17, 2000, a limited soil sampling was conducted for new excavation of reclaim water storage tank. Three soil samples from the sidewalls of the excavation were collected under supervision of Ms. Eva Chu. In addition, three composite soil samples were collected from stockpile for purpose of disposal (see Figure 5 for location of soil samples and see Table 1 for the results of samples). The results indicated TPHg ranging from 7.4 mg/Kg to the maximum of 59 mg/Kg, and low levels of BTEX were detected.

On May 29, 2002, six soil borings were advanced by Geoprobe system to the depth of 15 to 25 feet bgs under supervision of Ms. Eva Chu. For locations of the borings, see Figure 5, and the results are tabulated on Table 1.

The groundwater was encountered at the depth of 12 to 20 feet bgs and stabilized at the depth of 8 feet bgs.

Soil samples from depth of 3 and 7 feet of each boring were submitted to the laboratory for chemical analyses (total of 12 soil samples).

Grab water samples from borings #1, #2, #5 and #6 were collected and submitted to the laboratory for chemical analyses.

Soil samples detected TPHg levels ranging from non-detectable to maximum of 1900 mg/Kg, Benzene ranging from non-detectable to the maximum of 13 mg/Kg, Toluene ranging from non-detectable to maximum of 84 mg/Kg, Ethylbenzene from non-detectable to maximum of 28 mg/Kg, Total Xylenes from non-detectable to maximum of 154 mg/Kg and TOC ranging from 0.06% to maximum of 1.5%. MTBE were below laboratory detection limit in all soil samples. A summary of soil samples analytical results is presented in Table 1.

The result of soil samples indicated that the high level of contamination in the soil occurs at the lower depth (7 feet). This level of contamination may be due to the soil capillary fringe and groundwater fluctuation.

Groundwater samples detected TPHg levels ranging from 2000 µg/L to maximum of 35000 µg/L, Benzene levels ranging from 150 µg/L to maximum of 5800 µg/L, Toluene ranging from 28 µg/L to the maximum of 2900 µg/L, Ethylbenzene from 89 µg/L to maximum of 1200 µg/L, Total Xylenes from 325 µg/L to maximum of 4170 µg/L and MTBE from non-detectable to maximum of 12 µg/L. All four groundwater samples detected some other fuel hydrocarbon oxygenated compound constituents. A summary of groundwater samples analytical results is presented in Table 3.

SUBSURFACE SOIL FORMATION

SCI augered five borings and completed four of these as monitoring wells MW-1 to MW-4. In November 1990, two of these monitoring wells (MW-1 and MW-4) were destroyed during the excavation of contaminated soil from underground fuel storage tanks. The locations of these wells are shown on Figure 2. Descriptions of the subsurface materials encountered are provided on the boring logs included in Appendix "C" of this report. Upto date, STE has explored the soil stratigraphy beneath the site by drilling 11 shallow borings. Five of these borings were completed as monitoring wells (STMW-1 through STMW-5).

Boring logs indicate that the native soil beneath the site consists of an irregularly layered sequence clayey silt, sandy clay and some lenses of gravel.

SITE HYDROGEOLOGY

Groundwater was encountered during drilling at approximately eight feet below the ground surface. Measured static water levels in monitoring wells on-site ranged from approximately 5 to 8 feet below the ground surface. Water level and well construction data are included in Table 4. In addition, the historical groundwater fluctuation graph is shown in Appendix "D".

A rose diagram of historical groundwater flow direction was constructed using groundwater elevation data from on-site wells (Figure 5). The groundwater directions were fluctuated from easterly to northerly, westerly and southerly since 1990.

SOIL CONDITION

The results of historical soil samples from over-excavation revealed that the residual soil contamination were left behind after final excavation in the vicinity of former tanks farm. In the soil samples 16-7, 19-8 and 21-10, the TPHg concentrations were 1300 mg/Kg, 1200 mg/Kg and 1200 mg/Kg, respectively. However, the results of soil samples from borings drilled on May 29, 2002, revealed the TPHg concentrations of 1900 mg/Kg, 280 mg/Kg, 270 mg/Kg and 190 mg/Kg in soil samples B-3-7, B-1-7, B-4-7 and B-6-7, respectively.

WATER CONDITION

The recent results of monitoring sampling dated August 28, 2003, indicated that high groundwater contamination existed on STMW-2 with TPHg of 1500 μg/L, Benzene at 510 μg/L, Ethylbenzene at 430 μg/L and Total Xylenes at 500 μg/L, and MW-3 with concentration of TPHg at 2600 μg/L, Benzene at 54 μg/L, Ethylbenzene at 110 μg/L and Total Xylenes at 61 μg/L. The results of grab water samples from the borings installed on May 29, 2002, indicated that high level of groundwater contamination of TPHg existed in the vicinity of the former tanks farm especially in the down gradient in borings B-5 in the range of 35000 μg/L and 12000 μg/L and B-6 in the range of 5800 μg/L and 1400 μg/L, respectively.

Based on the above discussion, it is our opinion that the soil contamination in the vicinity of the tanks farm is likely due to the capillary fringe and fluctuation of groundwater table. We recommend the following actions.

- Find the missing well STMW-1 more aggressively. If the well is damaged beyond the repair, abandon this well and install a new monitoring well.
- Define the extent of contamination in the soil and water in the north and west of the former tanks farm by installing additional borings and monitoring wells. The location of proposed soil borings and monitoring wells are shown in Figure 3.
- Borings will be installed with Geoprobe and continue sampling to the extent of 5 feet below the first groundwater table.
- Monitoring wells will be installed to the depth of 10 feet below the first groundwater table, and perforated pipe will be installed from the bottom of boring and extend 5 feet above the first groundwater table.
- Soil sampling will be collected for laboratory analyses at the depths of 2 and 7 feet bgs.
- Grab water samples will be randomly collected from the soil borings.
- The newly installed monitoring wells will be developed and sampled.
- All the soil and water samples will be analyzed by state certified laboratory by EPA Method s 8015 and 8260B.
- Based on the results of the new investigation, a technical report of our findings will be prepared.

This report must be submitted to Mr. Scott O. Seery, R.G., with ACHCSA for his review, comments and approval.

File No. 8-90-421-SI

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-421-SI

TABLE 1
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/07/90	1-7	Original UST Removal at 7 feet	TPHg	710	100	Erickson Analytical
			Benzene	2.6	0.5	
			Toluene	30.4	0.5	
			Ethylbenzene	11.1	0.5	
			Total Xylenes	65.4	1.5	
	2-7	Original UST Removal at 7 feet	TPHg	1170	100	Erickson Analytical
			Benzene	3.6	0.5	
			Toluene	28.8	0.5	
			Ethylbenzene	14.6	0.5	
			Total Xylenes	61.3	1.5	
	3-7	Original UST Removal at 7 feet	TPHg	870	100	Erickson Analytical
			Benzene	8.1	0.5	
			Toluene	51.7	0.5	
			Ethylbenzene	15.4	0.5	
			Total Xylenes	73.1	1.5	
	4-7	Original UST Removal at 7 feet	TPHg	1080	100	Erickson Analytical
			Benzene	3.7	0.5	
			Toluene	43.3	0.5	
			Ethylbenzene	19.3	0.5	
			Total Xylenes	100.0	1.5	
	5-7	Original UST Removal at 7 feet	TPHg	640	100	Erickson Analytical
			Benzene	7.5	0.5	
			Toluene	46	0.5	
			Ethylbenzene	12.9	0.5	
			Total Xylenes	57.8	1.5	
	6-7	Original UST Removal at 7 feet	TPHg	1890	100	Erickson Analytical
			Benzene	15.8	0.5	
			Toluene	136.1	0.5	
			Ethylbenzene	43.4	0.5	
			Total Xylenes	191.8	1.5	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/07/90	7-4	Original UST Removal Pump Island at 4 feet	TPHg	1340	100	Erickson Analytical
			Benzene	9	0.5	
			Toluene	87.6	0.5	
			Ethylbenzene	30.3	0.5	
			Total Xylenes	138.4	1.5	
	8-4	Original UST Removal Pump Island at 4 feet	TPHg	4860	100	Erickson Analytical
			Benzene	9.9	0.5	
			Toluene	145.4	0.5	
			Ethylbenzene	50.2	0.5	
			Total Xylenes	103.2	1.5	
	9-3	Original UST Removal Pump Island at 3 feet	TPHg	1190	100	Erickson Analytical
			Benzene	32.3	0.5	
			Toluene	115.3	0.5	
			Ethylbenzene	25	0.5	
			Total Xylenes	118.3	1.5	
	10-3	Original UST Removal Pump Island at 3 feet	TPHg	142	100	Erickson Analytical
			Benzene	0.9	0.5	
			Toluene	3.3	0.5	
			Ethylbenzene	ND<0.5	0.5	
			Total Xylenes	9.4	1.5	
11/08/90	11-7	First Over-Excavation at 7 feet	TPHg	470	1	Mobile Chem Labs
			Benzene	14	0.005	
			Toluene	45	0.005	
			Ethylbenzene	10	0.005	
			Total Xylenes	54	0.005	
	12-9	First Over-Excavation at 9 feet	TPHg	580	1	Mobile Chem Labs
			Benzene	19	0.005	
			Toluene	57	0.005	
			Ethylbenzene	12	0.005	
			Total Xylenes	65	0.005	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/08/90	13-7	First Over-Excavation at 7 feet	TPHg	290	1	Mobile Chem Labs
			Benzene	11	0.005	
			Toluene	27	0.005	
			Ethylbenzene	5.3	0.005	
			Total Xylenes	30	0.005	
	14-8	First Over-Excavation at 8 feet	TPHg	700	1	Mobile Chem Labs
			Benzene	7.8	0.005	
			Toluene	41	0.005	
			Ethylbenzene	28	0.005	
			Total Xylenes	80	0.005	
11/09/90	16-7	Second Over-Excavation at 7 feet	TPHg	1300	1	Superior Analytical Laboratories, Inc.
			Benzene	48	0.003	
			Toluene	170	0.003	
			Ethylbenzene	35	0.003	
			Total Xylenes	190	0.003	
11/10/90	18-7	Second Over-Excavation at 7 feet	TPHg	440	1	Superior Analytical Laboratories, Inc.
			Benzene	9.3	0.003	
			Toluene	25	0.003	
			Ethylbenzene	7.4	0.003	
			Total Xylenes	40	0.003	
	19-8	Second Over-Excavation at 8 feet	TPHg	1200	1	Superior Analytical Laboratories, Inc.
			Benzene	46	0.003	
			Toluene	140	0.003	
			Ethylbenzene	30	0.003	
			Total Xylenes	160	0.003	
	20-10	Second Over-Excavation at 10 feet	TPHg	960	1	Superior Analytical Laboratories, Inc.
			Benzene	43	0.003	
			Toluene	110	0.003	
			Ethylbenzene	24	0.003	
			Total Xylenes	130	0.003	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/10/90	21-10	Second Over-Excavation at 10 feet	TPHg	1200	1	Superior Analytical Laboratories, Inc.
			Benzene	54	0.003	
			Toluene	140	0.003	
			Ethylbenzene	30	0.003	
			Total Xylenes	160	0.003	
11/13/90	S-1-4, S-2-7 and S-3-4	Composite Samples from Stockpile	TPHg	160	0.5	Anametrix, Inc.
			Benzene	ND<0.005	0.005	
			Toluene	4.3	0.005	
			Ethylbenzene	4.3	0.005	
			Total Xylenes	21	0.005	
			Antimony	ND<3	3	
			Arsenic	5	2.5	
			Barium	195	5	
			Beryllium	0.73	0.25	
			Cadmium	ND<0.25	0.25	
			Cobalt	15.1	2.5	
			Copper	28.3	1.25	
			Total Chromium	61.5	0.5	
			Lead	15.6	2	
			Mercury	0.11	0.025	
			Molybdenum	ND<0.5	0.5	
			Nickel	92.9	2	
			Selenium	ND<0.25	0.25	
			Silver	ND<0.5	0.5	
			Thallium	ND<0.5	0.5	
			Vanadium	41.5	2.5	
			Zinc	93.8	1	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/13/90	N-1-4, 2-7 and 3-4	Composite Samples from Stockpile	TPHg	160	0.5	Anametrix, Inc.
			Benzene	4.4	0.005	
			Toluene	8.8	0.005	
			Ethylbenzene	10	0.005	
			Total Xylenes	25	0.005	
			Antimony	ND<3	3	
			Arsenic	3.8	2.5	
			Barium	258	5	
			Beryllium	0.72	0.25	
			Cadmium	ND<0.25	0.25	
			Cobalt	24.6	2.5	
			Copper	26.2	1.25	
			Total Chromium	55.6	0.5	
			Lead	9.03	2	
			Mercury	0.17	0.025	
			Molybdenum	ND<0.5	0.5	
			Nickel	89.1	2	
			Selenium	ND<0.25	0.25	
			Silver	ND<0.5	0.5	
			Thallium	ND<0.5	0.5	
			Vanadium	41.9	2.5	
			Zinc	45.5	1	
11/13/90	P-1-5, 2-7 and 3-4	Composite Samples from Stockpile	TPHg	980	0.5	Anametrix, Inc.
			Benzene	4.4	0.005	
			Toluene	53	0.005	
			Ethylbenzene	26	0.005	
			Total Xylenes	130	0.005	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/13/90	T-1-4, 2-7 and 3-4	Composite Samples from Stockpile	TPHg	230	0.5	Anametrix, Inc.
			Benzene	7.2	0.005	
			Toluene	5.6	0.005	
			Ethylbenzene	5.8	0.005	
			Total Xylenes	18	0.005	
			Antimony	ND<6	6	
			Arsenic	2.8	2.5	
			Barium	77.6	10	
			Beryllium	ND>0.5	0.5	
			Cadmium	ND>0.5	0.5	
			Cobalt	5.8	5	
			Copper	10.7	2.5	
			Total Chromium	23.8	1	
			Lead	7.9	4	
			Mercury	0.21	0.025	
			Molybdenum	ND<1	1	
			Nickel	37.2	4	
			Selenium	ND<0.25	0.25	
			Silver	ND<1	1	
			Thallium	ND<0.5	0.5	
			Vanadium	15.9	5	
			Zinc	24.4	2	
11/13/90	M-1-4, 2-6 and 3-4	Composite Samples from Stockpile	TPHg	270	0.5	Anametrix, Inc.
			Benzene	2.7	0.005	
			Toluene	7.5	0.005	
			Ethylbenzene	4.8	0.005	
			Total Xylenes	15	0.005	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/13/90	F-1-4, 2-7 and 3-5	Composite Samples from Stockpile	TPHg	750	0.5	Anametrix, Inc.
			Benzene	12	0.005	
			Toluene	54	0.005	
			Ethylbenzene	21	0.005	
			Total Xylenes	110	0.005	
2/24/91	SW-1-5 (Well STMW-1)	Soil Boring from Supplemental Subsurface Investigation at 5 feet	TPHg	1200	0.5	Anametrix, Inc.
			Benzene	27	0.005	
			Toluene	98	0.005	
			Ethylbenzene	24	0.005	
			Total Xylenes	120	0.005	
	SW-2-5 (Well STMW-2)	Soil Boring from Supplemental Subsurface Investigation at 5 feet	TPHg	510	0.5	Anametrix, Inc.
			Benzene	13	0.005	
			Toluene	35	0.005	
			Ethylbenzene	8.9	0.005	
			Total Xylenes	43	0.005	
11/04/96	STMW-3-6	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	TPHg	ND<1	1	Priority Environmental Labs
			Benzene	ND<0.005	0.005	
			Toluene	ND<0.005	0.005	
			Ethylbenzene	ND<0.005	0.005	
			Total Xylenes	ND<0.005	0.005	
			MTBE	ND<0.005	0.005	
	STMW-4-6	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	TPHg	ND<1	1	Priority Environmental Labs
			Benzene	ND<0.005	0.005	
			Toluene	ND<0.005	0.005	
			Ethylbenzene	ND<0.005	0.005	
			Total Xylenes	ND<0.005	0.005	
			MTBE	ND<0.005	0.005	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/04/96	STMW-5-6	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	TPHg	3.1	1	Priority Environmental Labs
			Benzene	0.044	0.005	
			Toluene	ND<0.005	0.005	
			Ethylbenzene	0.0092	0.005	
			Total Xylenes	0.0089	0.005	
			MTBE	ND<0.005	0.005	
5/17/00	E-1-8	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	TPHg	59	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	0.11	0.005	
			Toluene	0.16	0.005	
			Ethylbenzene	0.19	0.005	
			Total Xylenes	0.36	0.005	
			Total Lead	2.3	1	
	E-2-8	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	TPHg	12	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	0.034	0.005	
			Toluene	0.035	0.005	
			Ethylbenzene	0.044	0.005	
			Total Xylenes	0.13	0.005	
			Total Lead	1.9	1	
	E-3-8	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	TPHg	7.4	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	0.016	0.005	
			Toluene	0.018	0.005	
			Ethylbenzene	0.022	0.005	
			Total Xylenes	0.074	0.005	
			Total Lead	2.5	1	
	S-1,2,3,4	Composite Sample from Stockpile	TPHg	2.1	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	0.0056	0.005	
			Toluene	0.0061	0.005	
			Ethylbenzene	0.0069	0.005	
			Total Xylenes	0.024	0.005	
			Total Lead	3	1	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/17/00	S-5,6,7,8	Composite Sample from Stockpile	TPHg	1.4	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	ND<0.005	0.005	
			Toluene	ND<0.005	0.005	
			Ethylbenzene	0.0057	0.005	
			Total Xylenes	0.016	0.005	
			Total Lead	2.6	1	
	S-5,6,7,8	Composite Sample from Stockpile	TPHg	1.8	1	Priority Environmental Labs Was not State Certified since January 30, 1998
			Benzene	ND<0.005	0.005	
			Toluene	0.0058	0.005	
			Ethylbenzene	0.0064	0.005	
			Total Xylenes	0.02	0.005	
			Total Lead	2.7	1	
5/29/02	B-1-3	Soil Boring from Soil and Groundwater Investigation at 3 feet	TPHg	ND<1	1	Curtis & Tompkins
			Benzene	ND<0.0051	0.0051	
			Toluene	ND<0.0051	0.0051	
			Ethylbenzene	ND<0.0051	0.0051	
			Total Xylenes	ND<0.0051	0.0051	
			MTBE	ND<0.0051	0.0051	
	B-1-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	280	10	Curtis & Tompkins
			Benzene	ND<0.13	0.13	
			Toluene	ND<0.13	0.13	
			Ethylbenzene	0.21	0.13	
			Total Xylenes	ND<0.13	0.13	
			MTBE	ND<0.13	0.13	
			Isopropylbenzene	0.75	0.13	
			Propylbenzene	3.6	0.13	
			sec-Butylbenzene	0.57	0.13	
			n-Butylbenzene	2.3	0.13	
			Naphthalene	3.6	0.13	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/29/02	B-2-3	Soil Boring from Soil and Groundwater Investigation at 3 feet	TPHg	ND<1	1	Curtis & Tompkins
			Benzene	ND<0.0053	0.0053	
			Toluene	ND<0.0053	0.0053	
			Ethylbenzene	ND<0.0053	0.0053	
			Total Xylenes	ND<0.0053	0.0053	
			MTBE	ND<0.0053	0.0053	
	B-2-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	61	2.1	Curtis & Tompkins
			Benzene	0.87	0.36	
			Toluene	0.52	0.36	
			Ethylbenzene	4	0.36	
			m,p-Xylenes	10	0.36	
			o-Xylene	3.6	0.36	
			MTBE	ND<0.36	0.36	
			Isopropylbenzene	0.38	0.36	
			Propylbenzene	1.6	0.36	
			1,3,5-Trimethylbenzene	3.7	0.36	
			1,2,4-Trimethylbenzene	10	0.36	
			n-Butylbenzene	0.79	0.36	
			Naphthalene	1.6	0.36	
	B-3-3	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	ND<1	1	Curtis & Tompkins
			Benzene	ND<0.0052	0.0052	
			Toluene	ND<0.0052	0.0052	
			Ethylbenzene	ND<0.0052	0.0052	
			Total Xylenes	ND<0.0052	0.0052	
			MTBE	ND<0.0052	0.0052	
			Acetone	0.025	0.021	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/29/02	B-3-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	1900	50	Curtis & Tompkins
			Benzene	13	2.5	
			Toluene	84	2.5	
			Ethylbenzene	28	2.5	
			m,p- Xylenes	110	2.5	
			o-Xylene	44	2.5	
			MTBE	ND<2.5	2.5	
			Propylbenzene	11	2.5	
			1,3,5-Trimethylbenzene	22	2.5	
			1,2,4-Trimethylbenzene	66	2.5	
			n-Butylbenzene	4.7	2.5	
			Naphthalene	11	2.5	
5/29/02	B-4-3	Soil Boring from Soil and Groundwater Investigation at 3 feet	TPHg	15	1.1	Curtis & Tompkins
			Benzene	0.4	0.13	
			Toluene	ND<0.13	0.13	
			Ethylbenzene	0.77	0.13	
			Total Xylenes	ND<0.13	0.13	
			MTBE	ND<0.13	0.13	
			Isopropylbenzene	0.14	0.13	
			Propylbenzene	0.62	0.13	
			1,3,5-Trimethylbenzene	0.23	0.13	
			n-Butylbenzene	0.33	0.13	
			Naphthalene	0.19	0.13	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/29/02	B-4-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	270	25	Curtis & Tompkins
			Benzene	8.7	1	
			Toluene	29	1	
			Ethylbenzene	12	1	
			m, p-Xylenes	45	1	
			o-Xylene	17	1	
			MTBE	ND<1	1	
			Propylbenzene	4	1	
			1,3,5-Trimethylbenzene	8.4	1	
			1,2,4-Trimethylbenzene	24	1	
			n-Butylbenzene	1.8	1	
			Naphthalene	5	1	
	B-5-3	Soil Boring from Soil and Groundwater Investigation at 3 feet	TPHg	ND<0.97	0.97	Curtis & Tompkins
			Benzene	0.0054	0.0051	
			Toluene	ND<0.0051	0.0051	
			Ethylbenzene	ND<0.0051	0.0051	
			Total Xylenes	ND<0.0051	0.0051	
			MTBE	ND<0.0051	0.0051	
			Acetone	0.029	0.0051	
	B-5-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	12	1.1	Curtis & Tompkins
			Benzene	0.19	0.0049	
			Toluene	0.038	0.0049	
			Ethylbenzene	0.13	0.0049	
			m,p- Xylenes	0.31	0.0049	
			o-Xylene	0.035	0.0049	
			MTBE	ND<0.0049	0.0049	
			Acetone	0.028	0.0049	
			2-Butanone	0.011	0.0049	
			Isopropylbenzene	0.0056	0.0049	
			Propylbenzene	0.017	0.0049	
			1,3,5-Trimethylbenzene	0.026	0.0049	
			1,2,4-Trimethylbenzene	0.061	0.0049	
			Naphthalene	0.0067	0.02	

TABLE 1 CONT'D
SUMMARY OF SOIL SAMPLES RESULTS
IN CHRONOLOGICAL SEQUENCE ORDER
IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/29/02	B-6-3	Soil Boring from Soil and Groundwater Investigation at 3 feet	TPHg	35	5	Curtis & Tompkins
			Benzene	2.5	0.13	
			Toluene	ND<0.13	0.13	
			Ethylbenzene	0.58	0.13	
			m, p-Xylenes	3.7	0.13	
			o-Xylene	0.41	0.13	
			MTBE	ND<0.13	0.13	
			1,2,4-Trimethylbenzene	0.19	0.13	
	B-6-7	Soil Boring from Soil and Groundwater Investigation at 7 feet	TPHg	190	5	Curtis & Tompkins
			Benzene	2.6	0.25	
			Toluene	6.9	0.25	
			Ethylbenzene	2.7	0.25	
			m,p-Xylenes	11	0.25	
			o-Xylene	4.2	0.25	
			MTBE	ND<0.25	0.25	
			Propylbenzene	1.1	0.25	
			1,3,5-Trimethylbenzene	2.4	0.25	
			1,2,4-Trimethylbenzene	7	0.25	
			n-Butylbenzene	0.51	0.25	
			Naphthalene	1.5	0.25	

File No. 8-90-421-SI

TABLE 2
SUMMARY OF EL CERRITO CREEK WATER SAMPLES RESULTS IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
8/03/89*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	470000 16000 29000 4200 29000	50 0.5 0.5 0.5 0.5	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	2700 88 8 None Detected 210	50 0.5 0.5 0.5 0.5	
12/08/89*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
12/08/98*	C-2	Storm Drain Outlet	TPHg	33000	50	
			Benzene	Not Analyzed		
			Toluene	Not Analyzed		
			Ethylbenzene	Not Analyzed		
			Total Xylenes	Not Analyzed		
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg	None Detected	50	
			Benzene	Not Analyzed		
			Toluene	Not Analyzed		
			Ethylbenzene	Not Analyzed		
			Total Xylenes	Not Analyzed		
	C-4	50 feet Down-Stream from the Storm Drain	TPHg	None Detected	50	
			Benzene	Not Analyzed		
			Toluene	Not Analyzed		
			Ethylbenzene	Not Analyzed		
			Total Xylenes	Not Analyzed		
1/03/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg	None Detected	50	
			Benzene	Not Analyzed		
			Toluene	Not Analyzed		
			Ethylbenzene	Not Analyzed		
			Total Xylenes	Not Analyzed		
	C-2	Storm Drain Outlet	TPHg	99000	50	
			Benzene	Not Analyzed		
			Toluene	Not Analyzed		
			Ethylbenzene	Not Analyzed		
			Total Xylenes	Not Analyzed		

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/03/90*	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	900 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	800 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
1/15/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	16000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	840 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/15/90*	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
1/17/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	15000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	160 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
2/02/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	16000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	60 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	130 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
2/08/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	7000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
2/08/90*	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	100 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	140 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
2/19/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	26000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	30 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
2/19/90*	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	200 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
3/06/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	65 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	30000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	600 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	120 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
3/13/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	30000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	360 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	100 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
4/06/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
4/06/90*	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	42000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	3000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	400 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	
11/27/90	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	160000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	4400 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	
11/27/90	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	55 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
12/18/90	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	33000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	66 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/11/91	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	14000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	370 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
2/06/91	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	11000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
2/06/91	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Anametrix, Inc.
3/06/91	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not analyzed Not Analyzed	50	Superior Analytical Laboratory
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	55000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Superior Analytical Laboratory
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	1100 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Superior Analytical Laboratory

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
3/06/91	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	120 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Superior Analytical Laboratory
3/29/91	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	31000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	57 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
4/23/91	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	28000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	86 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
1/01/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50 0.5 0.5 0.5 0.5	Chromalab, Inc.

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/01/92	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	3300 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Chromalab, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Chromalab, Inc.
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
1/10/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Chromalab, Inc.
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	20000 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Chromalab, Inc.
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	830 None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Chromalab, Inc.

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TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/10/92	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
2/21/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Priority Environmental Labs
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	8900 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Priority Environmental Labs
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Priority Environmental Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		Priority Environmental Labs

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
3/09/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	2100 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
3/20/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
3/20/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	650 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Geochem Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
12/14/92	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
12/14/92	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	280 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Priority Environmental Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
1/23/93	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	450 1.6 3.1 4.2 17	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	190 0.8 2.6 3.6 9.5	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	57 None Detected None Detected 1.4 3.6	50 0.5 0.5 0.5 0.5	Priority Environmental Labs

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
2/29/96	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	130 0.9 None Detected 1.4 6.2	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-2	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	2700 7.2 3.3 5.8 13	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Priority Environmental Labs
6/07/96	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Priority Environmental Labs

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
6/07/96	C-2	Storm Drain Outlet	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	
			Chloroform	19	0.5	
			Trichloroethene	69	0.5	
			Tetrachloroethene	63	0.5	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	
	C-4	50 feet Down-Stream from the Storm Drain	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	
1/12/99	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	
	C-2	Storm Drain Outlet	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	

TABLE 2 CONT'D
SUMMARY OF EL CERRITO CREEK
WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/12/99	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
	C-4	50 feet Down-Stream from the Storm Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		

* Samples were collected by other pervious consultants

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TABLE 3
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
8/03/89	MW-1	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg	16000	50	GTEL Environmental Laboratories, Inc.
			Benzene	1800	0.5	
			Toluene	1800	0.5	
			Ethylbenzene	1200	0.5	
			Total Xylenes	210	0.5	
	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg	80000	50	GTEL Environmental Laboratories, Inc.
			Benzene	9100	0.5	
			Toluene	12000	0.5	
			Ethylbenzene	7100	0.5	
			Total Xylenes	460	0.5	
	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg	71000	50	GTEL Environmental Laboratories, Inc.
			Benzene	20000	0.5	
			Toluene	21000	0.5	
			Ethylbenzene	7900	0.5	
			Total Xylenes	580	0.5	
	MW-4	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg	14000	50	GTEL Environmental Laboratories, Inc.
			Benzene	2000	0.5	
			Toluene	1500	0.5	
			Ethylbenzene	1000	0.5	
			Total Xylenes	None Detected	0.5	
12/08/89	MW-1*	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg	None Detected	50	Precision Analytical Laboratory, Inc.
			Benzene	21	0.5	
			Toluene	12	0.5	
			Ethylbenzene	17	0.5	
			Total Xylenes	7.7	0.5	

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
12/08/89	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	13000 13000 8400 750 2500	50 0.5 0.5 0.5 0.5	Precision Analytical Laboratory, Inc.
	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Analyzed Not Analyzed Not Analyzed Not Analyzed Not Analyzed		
	MW-4	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Analyzed Not Analyzed Not Analyzed Not Analyzed Not Analyzed		
1/03/90	MW-1	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected 6300 530 410 900	50 0.5 0.5 0.5 0.5	Precision Analytical Laboratory, Inc.
	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	5500 Not Analyzed Not Analyzed Not Analyzed Not Analyzed	50	Precision Analytical Laboratory, Inc.
	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Analyzed		

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
1/30/90	MW-4	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Analyzed		Precision Analytical Laboratory, Inc.
2/02/90	MW-1	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 µg/L 0.5 µg/L 0.5 µg/L 0.5 µg/L 0.5 µg/L	Precision Analytical Laboratory, Inc.
	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	7200 3500 80 240 270	50 µg/L 0.5 µg/L 0.5 µg/L 0.5 µg/L 0.5 µg/L	Precision Analytical Laboratory, Inc.
	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
	MW-4	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
3/06/90	MW-1	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5	Precision Analytical Laboratory, Inc.
	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	4100 1900 160 140 250	50 0.5 0.5 0.5 0.5	Precision Analytical Laboratory, Inc.
	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
	MW-4	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	Not Sampled		
11/10/90	1	Grab Water from Shallow Groundwater from Additional Excavation	TPHg Bemzeme Toluene Ethylbenzene Xylene	None Detected 0.4 0.7 0.3 1	50 0.3 0.3 0.3 0.3	Superior Analytical Laboratory, Inc.
3/113/91	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	25000 2600 4400 None Detected 5800	50 0.5 0.5 0.5 0.5	Anametrix, Inc.

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	
3/11/91	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	47000 9100 9900 270 8110	50 0.5 0.5 0.5 0.5	Anametrix, In.c
	STMW-1	Monitoring Well Installed by STE during Supplemental Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	850 100 7 None Detected 150	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
	STMW-2	Monitoring Well Installed by STE during Supplemental Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	170 1 1.7 None Detected 28	50 0.5 0.5 0.5 0.5	Anametrix, In.c
	OTMW-5	Off-site Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes	120 46 12 1 4	50 0.5 0.5 0.5 0.5	Anametrix, Inc.
10/08/91	#1	Semi-treated Groundwater Conducted during PG&E Gas line Construction (Effluent from 10000 gallon Tank)	TPHg Benzene Toluene Ethylbenzene Total Xylenes	300 2.4 8.3 3 5.2	50 0.3 0.3 0.3 0.3	Precision Analytical
	#2	Semi-treated Groundwater Conducted during PG&E Gas line Construction (Outlet of Storm Drain into El Cerrito Creek)	TPHg Benzene Toluene Ethylbenzene Total Xylenes	70 1.8 4.4 0.6 1	50 0.3 0.3 0.3 0.3	Precision Analytical

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
10/08/91	#3	Semi-treated Groundwater Conducted during PG&E Gas line Construction (10' from Down-Gradient of Confluence of El Cerrito Creek and Storm Drain Water)	TPHg Benzene Toluene Ethylbenzene Total Xylenes	None Detected 2.2 8.2 1 2	50 0.3 0.3 0.3 0.3 0.3	Precision Analytical
11/04/96	W-1	Storm Drain Outlet	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	1300 7.8 1.7 11 14 None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	W-2	50' Down-Gradient from Strom Drain	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	None Detected None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	W-3	500' from Storm Drain Outlet/ on Adams Street	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	None Detected None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
11/14/96	MW-2	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	None Detected None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/14/96	MW-3	Monitoring Well Installed by Subsurface Consultants Inc. during Preliminary Soil and Groundwater Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	33000 320 130 250 620 None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	STMW-1	Monitoring Well Installed by STE during Supplemental Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	140000 480 490 420 1200 None Detected	50 0.5 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	STMW-2	Monitoring Well Installed by STE during Supplemental Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	39000 380 230 270 720 None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	STMW-3	Monitoring Well Installed by STE during Additional Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl	240 9.1 2.8 4.7 13 None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs
	STMW-4	Monitoring Well Installed by STE during Additional Subsurface Investigation	TPHg Benzene Toluene Ethylbenzene Total Xylenes Methyl tert-butyl Ether	None Detected None Detected None Detected None Detected None Detected None Detected	50 0.5 0.5 0.5 0.5 0.5	Priority Environmental Labs

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
11/14/96	STMW-5	Monitoring Well Installed by STE during Additional Subsurface Investigation	TPHg	None Detected	50	Priority Environmental Labs
			Benzene	None Detected	0.5	
			Toluene	None Detected	0.5	
			Ethylbenzene	None Detected	0.5	
			Total Xylenes	None Detected	0.5	
			Methyl tert-butyl Ether	None Detected	0.5	
10/01/99	OB-2	Observation Well Located in the Vicinity of Former Tank Excavation (during Limited Groundwater Sampling)	TPHg	350	50	Priority Environmental Labs
			Benzene	14	0.5	
			Toluene	2.7	0.5	
			Ethylbenzene	0.8	0.5	
			Total Xylenes	1.3	0.5	
			Methyl tert-butyl Ether	33	0.5	
			tert-Butanol	63	0.5	
5/29/02	B-1-W	Grab Groundwater Sample from Borehole during Soil and Groundwater Investigation	TPHg	2000	50	Curtis & Tompkins
			Benzene	150	5	
			Toluene	28	5	
			Ethylbenzene	120	5	
			Methyl tert-butyl Ether	None Detected	0.5	
			m,p-Xylenes	260	5	
			o-Xylene	65	5	
			Isopropylbenzene	6.2	5	
			Propylbenzene	22	5	
			1,3,5-Trimethylbenzene	41	5	
			1,2,4-Trimethylbenzene	130	5	
			n-Butylbenzene	5	5	
			Naphthalene	13	5	

TABLE 3 CONT'D
SUMMARY OF WATER SAMPLES RESULTS
IN MICROGRAM PER LITER (µg/L)

Date	Sample Number	Originated From	Analyses	Results	Reporting Limit	Laboratory
5/29/02	B-2-W	Grab Groundwater Sample from Borehole during Soil and Groundwater Investigation	TPHg	4200	50	Curtis & Tompkins
			Benzene	310	13	
			Toluene	370	13	
			Ethylbenzene	89	13	
			Methyl tert-butyl Ether	None Detected	0.5	
			m,p-Xylenes	280	13	
			o-Xylene	110	13	
			Isopropylbenzene	22	13	
			Propylbenzene	79	13	
			1,3,5-Trimethylbenzene	27	13	
			1,2,4-Trimethylbenzene	86	13	
			n-Butylbenzene	16	13	
			Naphthalene	20	13	
	B-5-W	Grab Groundwater Sample from Borehole during Soil and Groundwater Investigation	TPHg	35000	1000	Curtis & Tompkins
			Benzene	5800	170	
			Toluene	2900	170	
			Ethylbenzene	1200	170	
			Methyl tert-butyl Ether	None Detected	170	
			m,p-Xylenes	3400	170	
			o-Xylene	770	170	
			1,3,5-Trimethylbenzene	170	170	
			1,2,4-Trimethylbenzene	570	170	
	B-6-W	Grab Groundwater Sample from Borehole during Soil and Groundwater Investigation	TPHg	12000	500	Curtis & Tompkins
			Benzene	1400	42	
			Toluene	1600	42	
			Ethylbenzene	300	42	
			Methyl tert-butyl Ether	12	42	
			m,p-Xylenes	1000	42	
			o-Xylene	380	42	
			1,3,5-Trimethylbenzene	73	42	
			1,2,4-Trimethylbenzene	240	42	

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
3/11/91[a]	STMW-1 (100.62)	14	4	5.29	95.33	No sheen or odor	850	100	7	ND <0.5	150	NA
7/03/091[a]				5.10	95.52	No sheen Mild petroleum odor	5100	1800	500	95	560	NA
11/04/91[b]				5.83	94.79	No sheen Mild petroleum odor	2050	760	54	ND<5	56	NA
1/20/92[c]				5.79	94.83	Light sheen Mild petroleum odor	4600	590	36	ND <0.5	190	NA
5/07/92[d]				5.80	94.82	No sheen Mild petroleum odor	4400	66	53	4	160	NA
8/17/92[e]				5.77	94.85	No sheen Mild petroleum odor	2700	31	18	19	67	NA
12/10/92[e]				6.61	94.01	Light sheen Mild petroleum odor	35000	54	79	83	220	NA
3/18/93[e]				6.68	93.94	Light rainbow sheen Mild petroleum odor	19000	49	52	55	180	NA
7/13/93[e]				7.13	93.49	NMFP Strong petroleum odor	17000	34	43	17	170	NA
10/11/93[f]				7.26	93.36	NMFP Strong petroleum odor	51000	2100	2400	530	2600	NA
1/07/94[f]				7.15	93.47	NMFP Strong petroleum odor	29000	1500	1600	450	2500	NA
4/06/94[f]				7.10	93.52	NMFP Strong petroleum odor	20000	1100	560	300	1600	NA
8/03/94[g]				5.70	94.92	NMFP Strong petroleum odor	43000	1000	1700	640	4700	NA
11/08/94[g]				6.47	94.15	Brown NMFP Strong petroleum odor	92000	9000	12000	1600	9100	NA

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
2/16/95[e]	STMW-1 (100.62)	14	4	6.96	93.66	Rainbow sheen/NMFP Strong petroleum odor	150000	850	540	400	1200	NA
5/19/95[e]				6.84	93.78	Brown NMFP Strong petroleum odor	59000	400	330	170	610	NA
8/18/95[e]	(96.81) Resurveyed			4.64	92.17	Brown NMFP Strong petroleum odor	300000	880	780	540	1700	NA
11/30/95[e]				7.34	89.47	Thick brown sheen spots Mild petroleum odor	67000	800	910	390	1500	NA
2/29/96[e]				7.83	88.98	NMFP Strong petroleum odor	71000	120	95	18	260	NA
6/07/96[e]				7.10	89.71	NMFP Strong petroleum odor	36000	210	140	81	210	NA
11/14/96[e]				7.29	89.52	Brown NMFP Mild petroleum odor	140000	480	490	420	1200	ND<0.5
2/12/97[e]				6.96	89.85	Rainbow sheen spots Strong petroleum odor	42000	210	190	60	190	ND<0.5
5/15/97[e]				7.33	89.48	Brown sheen spots Mild petroleum odor	15000	83	27	45	130	NA
8/27/97[e]				7.46	89.35	NMFP Strong petroleum odor	82000	110	52	66	400	ND<0.5
12/24/97[e]				6.94	89.87	Rainbow sheen Strong petroleum odor	3700	43	18	9.1	25	ND<0.5
3/24/98[e]*				6.36	90.45	Rainbow sheen Strong petroleum odor	10000	65	68	9	120	ND<0.5
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

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
10/12/98[e]*	STMW-1 (96.81)	14	4	7.18	89.63	Rainbow sheen Strong petroleum odor	1000	2.4	2.1	3.2	6.9	ND<0.5
1/12/99[e]*				6.68	90.13	Rainbow sheen Strong petroleum odor	6400	39	21	32	83	ND<0.5
4/12/99[e]*				7.16	89.65	Rainbow sheen Strong petroleum odor	2800	23	19	29	54	ND<0.5
8/28/03[h]				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/13/91[a]	STMW-2 (100.63)	14	4	5.25	95.38	No sheen or odor	170	1	1.7	ND<0.5	28	NA
7/03/91[a]				4.75	95.88	No sheen Mild petroleum odor	1800	640	48	44	94	NA
11/04/91[b]				5.92	94.71	No sheen Mild petroleum odor	2140	1000	57	3	19	NA
1/20/92[c]				5.88	94.75	No sheen Mild petroleum odor	14000	120	0.6	0.6	80	NA
5/07/92[d]				5.70	94.93	No sheen Mild petroleum odor	1700	32	17	8.6	48	NA
8/17/92[e]				5.71	94.92	No sheen or odor	16000	180	220	210	620	NA
12/10/92[e]				6.39	94.24	Light rainbow sheen Mild petroleum odor	44000	84	96	120	350	NA
3/18/93[e]				6.50	94.13	Light Rainbow sheen Mild petroleum odor	9200	22	31	40	110	NA
7/13/93[e]				6.95	93.10	No sheen Light sewerage odor	9300	18	24	26	89	NA

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
10/11/93[f]	STMW-2 (100.63)	14	4	7.09	93.54	NMFP Strong petroleum odor	62000	2800	3900	670	4400	NA
1/07/94[f]				6.93	93.70	Rainbow sheen Mild petroleum odor	22000	1100	1000	280	1800	NA
4/06/94[f]				6.84	93.79	NMFP Strong petroleum odor	6600	490	140	330	62	NA
8/03/94[g]				7.10	93.53	NMFP Mild petroleum odor	4000	250	52	55	240	NA
11/08/94[g]				6.19	94.44	Brown NMFP Strong petroleum odor	10000	730	790	200	1300	NA
2/16/95[e]				6.72	93.91	Rainbow sheen/NMFP Strong petroleum odor	37000	230	88	92	320	NA
5/19/95[e]				6.61	94.02	Brown sheen spots Light petroleum odor	9300	40	16	22	68	NA
8/18/95[e]	(96.79) Resurveyed			7.09	89.70	Brown NMFP Light petroleum odor	210000	720	550	520	1400	NA
11/30/95[e]				7.07	89.72	Rainbow sheen spots Light petroleum odor	66000	660	510	370	1500	NA
2/29/96[e]				7.57	89.22	Rainbow sheen Light petroleum	33000	75	55	52	150	NA
6/07/96[e]				6.74	90.05	Rainbow sheen Light petroleum odor	92000	250	75	18	470	NA
11/14/96[e]				6.96	89.83	Rainbow sheen spots Light petroleum odor	39000	380	230	270	720	ND<0.5
2/12/97[e]				6.71	90.08	Rainbow sheen spots Mild petroleum odor	23000	110	28	48	140	ND<0.5

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
5/15/97[e]	STMW-2 (96.79)	14	4	7.06	89.73	Light rainbow sheen spots/Very light petroleum odor	30000	320	48	94	200	NA
8/27/97[e]				7.20	89.59	No sheen/Very light petroleum odor	19000	82	9.1	18	27	ND<0.5
12/24/97[e]				6.72	90.07	Rainbow sheen Strong petroleum odor	4100	77	8.9	15	34	ND<0.5
3/24/98[e]*				6.10	90.69	Rainbow Sheen Strong petroleum odor	3300	31	4.2	16	26	ND<0.5
6/25/98[e]*				5.52	91.27	Rainbow sheen Light petroleum odor	2200	20	5.4	12	21	ND<0.5
10/12/98[e]*				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
1/12/99[e]*				6.90	89.89	Rainbow sheen Strong petroleum odor	4500	24	14	15	49	ND<0.5
4/12/99[e]*				6.98	89.81	Rainbow sheen Strong petroleum odor	1500	19	12	21	37	ND<0.5
8/28/03[h]				8.32	88.47	Rainbow sheen Petroleum odor	15000	570	ND <100	430	500	ND<20
11/14/96[e]	STMW-3 (95.24)	15	2.5	5.34	89.90	No sheen or odor	240	9.1	2.8	4.7	13	ND<0.5
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
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

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
8/27/97[e]	STMW-3 (95.24)	15	2.5	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
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
3/24/98[e]*				4.54	90.70	No sheen or odor	13000	87	23	80	130	ND<0.5
6/25/98[e]*				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
10/12/98[e]*				5.3	89.94	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5
1/12/99[e]*				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
4/12/99[e]*				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
8/28/03[h]				6.64	88.60	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
11/14/96[e]	STMW-4 (94.41)	15	2	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
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
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
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
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
3/24/98[e]*				3.88	90.53	No sheen or odor	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5

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
6/25/98[e]*	STMW-4 (94.41)	15	2	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
10/12/98[e]*				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
1/12/99[e]*				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
4/12/99[e]*				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
8/28/03[h]				5.92	88.49	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
11/14/96[e]	STMW-5 (94.49)	15	2	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
2/12/97[e]				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
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
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
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
3/24/98[e]*				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
6/25/98[e]*				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
10/12/98[e]*				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

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
1/12/99[e]*	STMW-5 (94.49)	15	2	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
4/12/99[e]*				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
8/28/03[h]				6.62	87.87	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
3/11/91[a]	MW-2 (99.36)	11.50	5	4.29	95.07	No sheen Mild petroleum odor	25000	2600	4400	ND <0.5	5800	NA
7/03/91[a]				5.83	93.53	No sheen Strong petroleum odor	21000	2800	3200	ND <0.5	4300	NA
11/04/91[b]				4.79	94.57	No sheen Mild petroleum odor	3580	1700	119	9	56	NA
1/20/92[c]				4.60	94.76	No sheen Mild petroleum odor	380	380	1.3	ND <0.5	34	NA
5/07/92[d]				4.42	94.94	No sheen Mild petroleum odor	10000	62	32	44	160	NA
8/17/92[e]				4.43	94.96	No sheen Mild petroleum odor	6000	48	27	65	180	NA
12/10/92[e]				4.94	94.45	No sheen Mild petroleum odor	7200	15	23	32	82	NA
3/18/93[e]				5.11	94.28	No sheen Light sewerage odor	1400	8.3	11	13	48	NA
7/13/93[e]				5.53	93.86	Rainbow sheen Light petroleum odor	2400	4.7	6.2	6.8	25	NA
10/11/93[f]				5.64	93.75	No sheen or odor	410	43	2.6	4.5	12	NA

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
1/07/94[f]	MW-2 (99.36)	11.50	5	5.52	93.87	No sheen or odor	240	25	3.1	ND <0.5	20	NA
4/06/94[f]				5.82	93.57	No sheen or odor	3000	120	23	22	190	NA
8/03/94[g]				7.47	91.92	No sheen or odor	500	57	1	17	25	NA
11/08/94[g]				4.69	94.70	No sheen or odor	8000	650	85	500	1000	NA
2/16/95[e]				5.31	94.08	No sheen or odor	660	6.4	1	5.6	8.9	NA
5/19/95[e]				5.17	94.22	No sheen Mild sewerage odor	1900	110	10	23	26	NA
8/18/95[e]	(95.22) Resurveyed			5.65	89.57	No sheen Light sewerage odor	1800	15	1.6	15	20	NA
11/30/95[e]				5.64	89.58	No sheen or odor	120	9.3	ND <0.5	0.5	3.5	NA
2/29/96[e]				4.61	90.61	No sheen Light sewerage odor	1200	6.1	1.2	6.2	8.7	NA
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
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
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
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	NA
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
12/27/97[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

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
3/24/98[e]*	MW-2 (99.39)	11.50	5	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
6/25/98[e]*				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
10/12/98[e]*				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
1/12/99[e]*				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
4/12/99[e]*				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
8/28/03[h]				6.86	88.36	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1
3/13/91[a]	MW-3 (100.09)	12	5	4.67	95.42	Trace of sheen Moderate petroleum odor	47000	9100	9900	270	8110	NA
7/03/91[a]				5.75	94.34	Trace of sheen Moderate petroleum odor	40000	12000	4500	1200	4000	NA
11/04/91[b]				5.67	94.42	Trace of sheen Strong petroleum odor	102700	38800	19100	3200	8300	NA
1/20/92[c]				5.54	94.55	Light sheen Strong petroleum odor	510000	27000	27000	5800	46000	NA
5/07/92[d]				5.18	94.91	Rainbow sheen Strong petroleum odor	43000	250	230	120	470	NA
8/17/92[e]				5.24	94.85	Rainbow sheen Mild petroleum odor	140000	2500	2400	1700	5500	NA
12/10/92[e]				4.42	95.67	Light sheen Strong petroleum odor	94000	400	410	430	1100	NA

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
3/18/93[e]	MW-3 (100.09)	12	5	5.39	94.70	Thick NMFP Mild petroleum odor	51000	92	130	160	590	NA
7/13/93[e]				6.07	94.02	L. rainbow sheen spots Strong petroleum odor	80000	160	210	230	820	NA
10/11/93[f]				6.34	93.75	NMFP Strong petroleum odor	180000	14000	8800	320	9400	NA
1/07/94[f]				6.34	93.75	NMFP Strong petroleum odor	120000	9500	4600	7800	230	NA
4/06/94[f]				6.14	93.95	No sheen or odor	96000	6000	3100	95	6200	NA
8/03/94[g]				6.34	93.75	Few sheen spots Mild petroleum odor	200000	6500	5700	1500	18000	NA
11/08/94[g]				3.89	96.20	Brown NMFP Strong petroleum odor	86000	7400	8500	2200	12000	NA
2/16/95[e]				5.90	94.19	Brown NMFP Strong petroleum odor	59000	280	120	120	570	NA
5/19/95[e]				4.15	95.94	Brown NMFP Strong petroleum odor	12000	150	68	69	160	NA
8/18/95[e]	(95.62) Resurveyed			6.08	89.54	Brown NMFP Mild petroleum odor	33000	74	28	38	100	NA
11/30/95[e]				6.26	89.36	Rainbow sheen spots Light petroleum odor	100000	1300	510	250	2400	NA
2/29/96[e]				4.37	91.25	Rainbow sheen spots Mild petroleum odor	15000	12	3.8	10	24	NA
6/07/96[e]				5.90	89.72	Rainbow sheen spots Mild petroleum odor	5200	23	6.9	14	34	NA

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
11/14/96[e]	MW-3 (95.62)	12	5	6.14	89.48	Rainbow sheen Light petroleum odor	33000	320	130	250	620	ND<0.500
2/12/97[e]				4.45	91.17	No sheen or odor	15000	43	9	20	41	ND<0.5
5/15/97[e]				5.77	89.85	No sheen or odor	15000	68	30	60	110	NA
8/27/97[e]				5.98	89.64	No sheen Mild sewerage odor	15000	22	52	9.7	18	ND<0.5
12/24/97[e]				5.70	89.92	Rainbow sheen Strong petroleum odor	15000	150	10	81	110	ND<0.5
3/24/98[e]*				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
6/25/98[e]*				5.66	89.96	Light sheen spots Light sewerage odor	23000	100	22	86	130	ND<0.5
10/12/98[e]*				5.18	90.44	Rainbow sheen Light petroleum odor	23000	26	21	480	100	ND<0.5
1/12/99[e]*				5.42	90.20	Rainbow sheen Sewerage odor	7200	48	32	44	99	ND<0.5
4/12/99[e]*				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
8/28/03[b]				8.64	86.98	No sheen or odor	2600	54	ND<25	110	61	ND<5
3/13/91[a]	OTMW-5 (100.87)	N/A	N/A	5.02	95.85	No sheen Mild petroleum odor	120	46	12	1	4	NA
7/03/91[a]				5.75	95.12	No sheen Mild petroleum odor	810	320	43	16	43	NA
11/04/91[b]				5.77	95.10	No sheen Mild petroleum odor	970	100	19	5	13	NA

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
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
5/07/92[d]				5.43	95.44	No sheen Mild petroleum odor	180	27	14	8.2	35	NA
8/17/92[e]				5.45	95.42	No sheen or odor	87	12	9.8	4	42	NA
12/10/92[e]				7.30	93.57	No sheen Mild petroleum odor	540000	4700	4500	6400	19000	NA
3/18/93[e]				7.11	93.76	No sheen Light sewerage odor	570	6	7.6	11	29	NA
7/13/93[e]				7.45	93.42	No sheen or odor	3500	6.8	8.6	9.5	36	NA
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
1/07/94[f]				7.67	93.20	No sheen or odor	1500	200	98	5	57	NA
4/06/94[f]				7.72	93.15	No sheen or odor	570	72	36	2.4	22	NA
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

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

TPHg - Total Petroleum Hydrocarbons as gasoline
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. - Groundwater Elevation
Det. - Detected
ND - Not Detected (Below Laboratory Detection Limit)
a - Laboratory analyses were analyzed by Anametrix Inc.
b - Laboratory analyses were analyzed by Carter Analytical Laboratory
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
* Laboratory was not state certified since January 30, 1998

MTBE - Methyl Tertiary Butyl Ether
NMFP - Non-Measurable Floating Product
Perf. - Perforation
NA - Not Analyzed
N/A - Not Applicable

TABLE 4
GROUNDWATER ANALYTICAL RESULTS FOR FUEL OXYGENATE COMPOUNDS (EPA 8260B)

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
3/11/91a	STMW-1	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		Not Sampled	
3/13/91a	STMW-2	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	

TABLE 4 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
FUEL OXYGENATE COMPOUNDS (EPA 8260B)

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
8/17/92e	STMW-2	Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Benzene Ethylbenzene n-Propylbenzene Naphthalene Xylenes, Total	960 290 570 430 220 170 500
11/14/96e	STMW-3	Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5

TABLE 4 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
FUEL OXYGENATE COMPOUNDS (EPA 8260B)

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
4/12/99e*	STMW-3	Not Analyzed	
8/28/03h		None Detected	<5
11/14/96e	STMW-4	Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
11/14/96e	STMW-5	None Detected	<0.5
2/12/97e		None Detected	<0.5
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		None Detected	<0.5
3/24/98e*		None Detected	<0.5
6/25/98e*		None Detected	<0.5
10/12/98e*		None Detected	<0.5
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
3/11/91a	MW-2	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	

TABLE 4 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
FUEL OXYGENATE COMPOUNDS (EPA 8260B)

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
5/19/95e	MW-2	Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		None Detected	<0.5
6/07/96e		None Detected	<0.5
11/14/96e		Not Analyzed	
2/12/97e		Not Analyzed	
5/15/97e		Not Analyzed	
8/27/97e		Not Analyzed	
12/24/97e		Not Analyzed	
3/24/98e*		Not Analyzed	
6/25/98e*		Not Analyzed	
10/12/98e*		Not Analyzed	
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		None Detected	<5
3/11/91a	MW-3	Not Analyzed	
7/03/91a		Not Analyzed	
11/04/91b		Not Analyzed	
1/20/92c		Not Analyzed	
5/07/92d		Not Analyzed	
8/17/92e		Not Analyzed	
12/10/92e		Not Analyzed	
3/18/93e		Not Analyzed	
7/13/93e		Not Analyzed	
10/11/93f		Not Analyzed	
1/07/94f		Not Analyzed	
4/06/94f		Not Analyzed	
8/03/94g		Not Analyzed	
11/08/94g		Not Analyzed	
2/16/95e		Not Analyzed	
5/19/95e		Not Analyzed	
8/18/95e		Not Analyzed	
11/30/95e		Not Analyzed	
2/29/96e		1,2-Dichloroethene (Total) Chloroform Trichloroethene Tetrachloroethene	35 160 110 80

TABLE 4 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
FUEL OXYGENATE COMPOUNDS (EPA 8260B)

Date	Well I.D.	Fuel Oxygenate Compounds	Concentration (µg/L)
6/07/96e	MW-3	Chloroform	31
		Trichloroethene	110
		Tetrachloroethene	61
11/14/96e		None Detected	<0.5
2/12/97e		None Detected	<0.5
5/15/97e		None Detected	<0.5
8/27/97e		None Detected	<0.5
12/24/97e		None Detected	<0.5
3/24/98e*		None Detected	<0.5
6/25/98e*		None Detected	<0.5
10/12/98e*		None Detected	<0.5
1/12/99e*		None Detected	<0.5
4/12/99e*		Not Analyzed	
8/28/03h		1,2,4-Trimethylbenzene	190
		1,3,5-Trimethylbenzene	38
		Benzene	54
		Ethylbenzene	110
		n-Propylbenzene	40
		Naphthalene	29
		Xylenes, Total	61

a - Laboratory analyses were analyzed by Anametrix Inc.
b - Laboratory analyses were analyzed by Carter Analytical Laboratory
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
* Laboratory was not state certified since January 30, 1998

File No. 8-90-421-SI

A P P E N D I X "B"

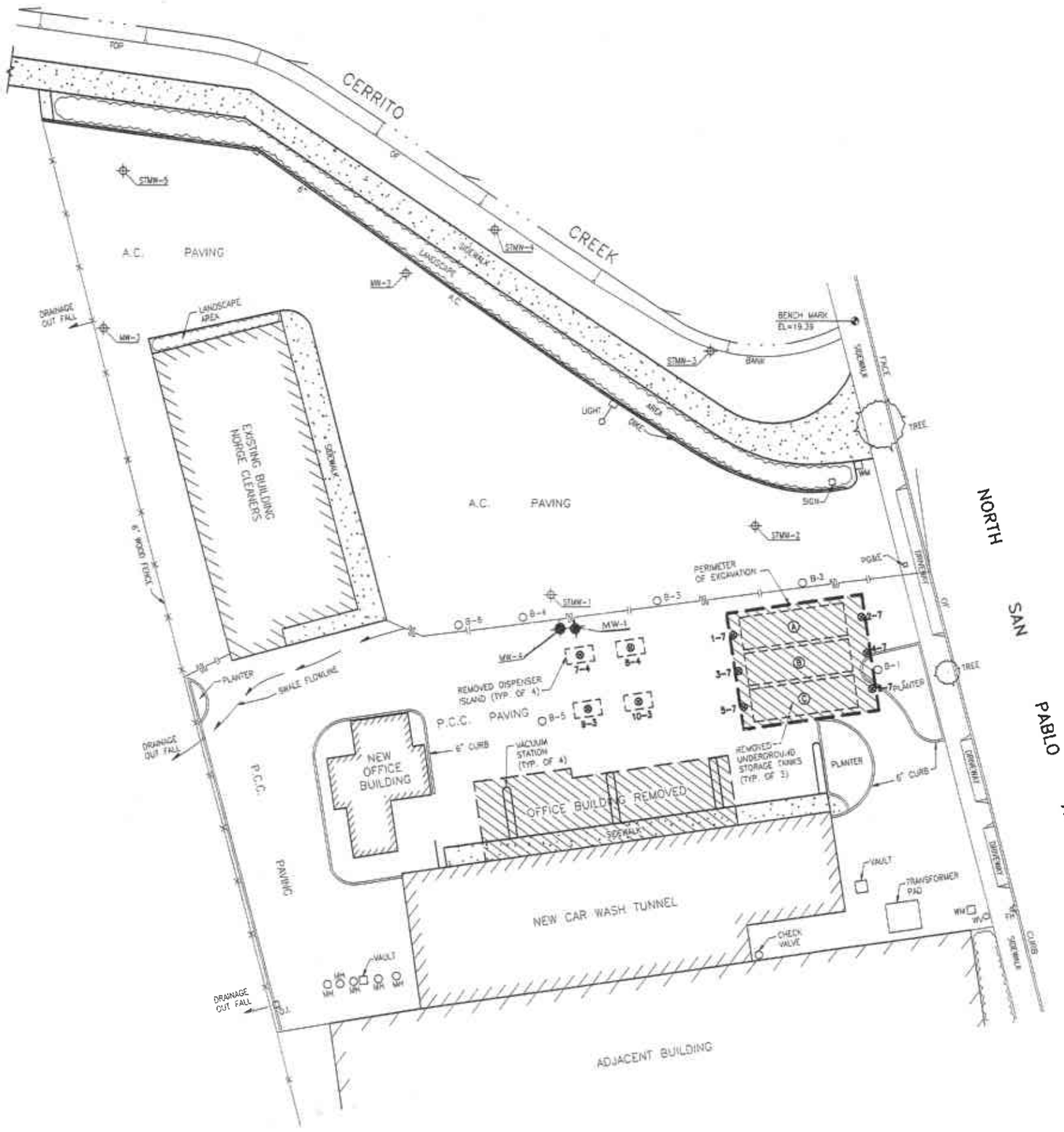
ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-421-SI

ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1



N

NORTH

SOIL SAMPLES COLLECTED AFTER TANKS AND DISPENSERS REMOVED

SAMPLE NO.	DEPTH, FT.	COLLECTION DATE
1-7	7	10-03-90
2-7	7	10-03-90
3-7	7	10-03-90
4-7	7	10-03-90
5-7	7	10-03-90
6-7	7	10-03-90
7-4	4	10-03-90
8-4	4	10-03-90
9-3	3	10-03-90
10-3	3	10-03-90

LEGEND:

- ⊗ 1-7 SOIL SAMPLE - SEE TABLE ABOVE
- ⊕ MW-2 MONITORING WELL AND NUMBER
- ● MW-1 MONITORING WELL AND NUMBER REMOVED
- ○ B-1 BORE HOLE AND NUMBER

TITLE

EXCAVATION AND SOIL SAMPLE SUMMARY

UNDERGROUND STORAGE TANK AND FUEL DISPENSER AREAS

PLAZA CAR WASH
400 NORTH SAN PABLO AVENUE
ALBANY, CALIFORNIA

DRAWING No. 2

SCALE 1"=30'-0"

DESIGN	DRAWN	CHECKED	DATE	CADD FILE NAME
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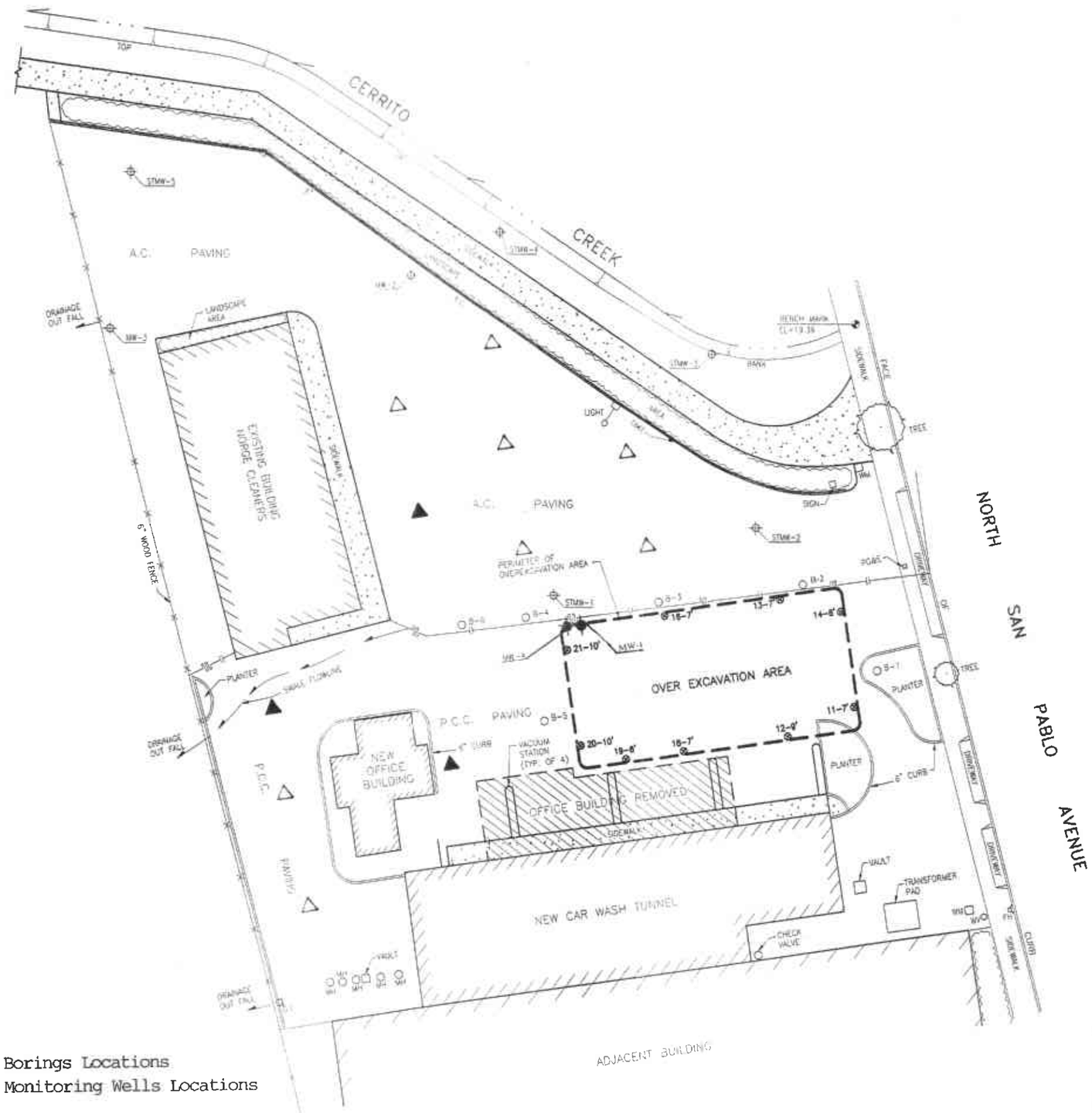

N

SOIL SAMPLES COLLECTED
AFTER OVEREXCAVATION

SAMPLE NO	DEPTH, FT.	COLLECTION DATE
11-7	7	11-08-90
12-9	9	11-08-90
13-7	7	11-08-90
14-8	8	11-08-90
16-7	7	11-09-90
18-7	7	11-10-90
19-8	8	11-10-90
20-10	10	11-10-90
21-10	10	11-10-90

LEGEND

△ Proposed New Borings Locations

▲ Proposed New Monitoring Wells Locations

LEGEND:

- ⊗ 1-7 SOIL SAMPLE - SEE TABLE ABOVE
- ⊕ MW-2 MONITORING WELL AND NUMBER
- ◆ MW-1 MONITORING WELL AND NUMBER REMOVED
- ○ B-1 BORE HOLE AND NUMBER

TITLE: EXCAVATION AND SOIL SAMPLE SUMMARY
OVER EXCAVATION AREA

PLAZA CAR WASH
400 NORTH SAN PABLO AVENUE
ALBANY, CALIFORNIA

DRAWING No. 3

SCALE 1"=30'-0"

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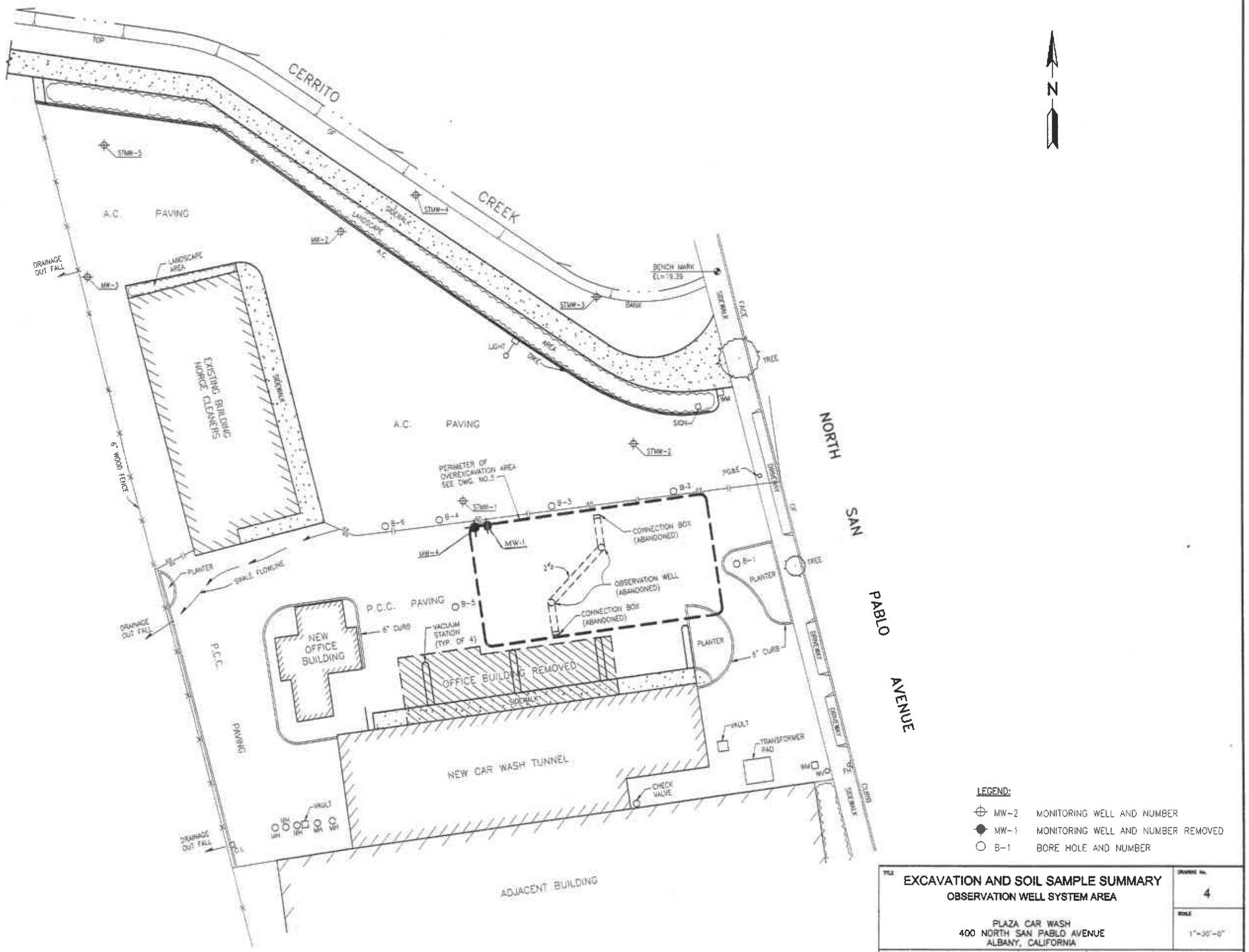
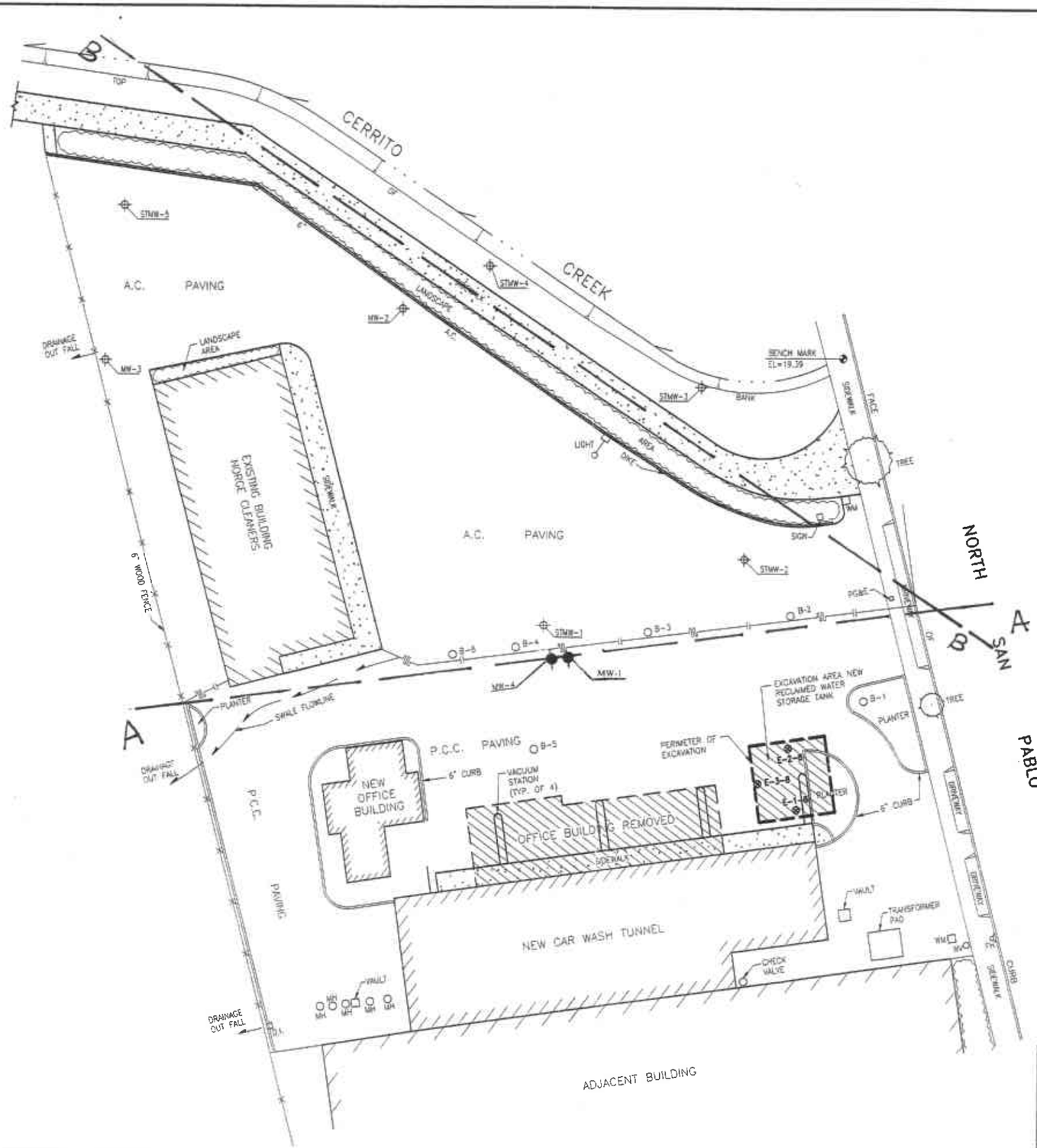


LEGEND:

- ⊕ MW-2 MONITORING WELL AND NUMBER
- ● MW-1 MONITORING WELL AND NUMBER REMOVED
- ○ B-1 BORE HOLE AND NUMBER

TITLE: EXCAVATION AND SOIL SAMPLE SUMMARY OBSERVATION WELL SYSTEM AREA PLAZA CAR WASH 400 NORTH SAN PABLO AVENUE ALBANY, CALIFORNIA	DRAWING No. 4 SCALE 1"=30'-0"
DESIGN DP · DRAWN BG · CHECKED FH · DATE 09/29/03 · CADD FILE NAME Albany 092903.dwg	



N

NEW UNDERGROUND RECALIMED WATER STORAGE TANK EXCAVATION--SIDEWALL SAMPLING

SAMPLE NO.	DEPTH, FT.	COLLECTION DATE
E-1-8	8	05-17-00
E-2-8	8	05-17-00
E-3-8	8	05-17-00

Direction of Groundwater
Rose Diagrams

LEGEND:

- ⊗ 1-7 SOIL SAMPLE - SEE TABLE ABOVE
- ⊕ MW-2 MONITORING WELL AND NUMBER
- ◆ MW-1 MONITORING WELL AND NUMBER REMOVED
- ○ B-1 BORE HOLE AND NUMBER

TITLE: EXCAVATION AND SOIL SAMPLE SUMMARY
NEW UNDERGROUND RECLAIMATION WATER STORAGE TANK AREA
PLAZA CAR WASH
400 NORTH SAN PABLO AVENUE
ALBANY, CALIFORNIA

DRAWING No. 5

SCALE 1"=30'-0"

DESIGN	DRAWN	CHECKED	DATE	CADD FILE NAME
DP	BG	FH	09/29/03	Albany 092903.dwg

File No. 8-90-421-SI

A P P E N D I X "C"

ENVIRO SOIL TECH CONSULTANTS

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION			GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	Alpha Geo Services	DRILLER R. Manley	DATE STARTED: 2/24/91 DATE FINISHED: 2/24/91
DRILLING EQUIPMENT	Mobile drill rig B-40L		COMPLETION DEPTH (ft) 14 feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT	HAMMER 140 lbs. SAMPLER CA modified
SIZE AND TYPE OF CASING	PVC Schedule 40 0.020-inches		NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION	Factory slotted	FROM -4 feet TO -14 feet	WATER FIRST: DEPTH COMPL.: 5 feet 24 hrs.
SIZE AND TYPE OF PACK	Washed kiln dried sand #4	FROM -3 feet TO -14 feet	LOGGED BY Noori Ameli CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Concrete grout	0 feet	-2.5	No. 3:		
	No. 2: Bentonite pellet	-2.5	-3 feet	No. 4:		

LOG OF BORING STMW-1

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	6-inch asphalt.						0						
	3-inch baserock.												
	Light brown silty gravely clay.	CL											
	Dark brown to black sandy clay with some small and medium size gravel.	CL											
	Dark brown to black sandy clay with some small and medium size gravel.	CL											
5	Dark brown to black sandy clay with some small and medium size gravel.	CL-ML					5	1-5					
	Black silty clay with some pea gravel, stiff, petroleum odor.												
	Medium brown silty clay with some pea gravel.	CL-ML											
10	Light brown silty clay with some pea gravel.	CL-ML					10						
	Boring terminated.												
15							15						
20							20						
25							25						
30							30						
35							35						

Kamur Industries, Inc.	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION			GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	Alpha Geo Services	DRILLER R. Manley	DATE STARTED: 2/24/91 DATE FINISHED: 2/24/91
DRILLING EQUIPMENT	Mobile drill rig B-40L		COMPLETION DEPTH (ft) 14 feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT	HAMMER 140 lbs. SAMPLER CA modified
SIZE AND TYPE OF CASING	PVC Schedule 40 0.020-inches		NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION	Factory slotted	FROM -4 feet TO -14 feet	WATER FIRST: DEPTH COMPL.: 5 feet 24 hrs.
SIZE AND TYPE OF PACK	Washed kiln dried sand #4	FROM -3 feet TO -14 feet	LOGGED BY Noori Ameli CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Concrete grout	0 feet	-2.5	No. 3:		
	No. 2: Bentonite pellet	-2.5	-3 feet	No. 4:		

LOG OF BORING STMW-2

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	4-inch asphalt.						0						
	3-inch baserock.	CL											
	Medium brown silty gravely clay (small to medium size gravel).												
	Medium brown silty gravely clay (small to medium size gravel).	CL											
		CL											
	Medium brown silty gravely clay (small to medium size gravel).	CL-ML											
5	Dark brown to black silty clay.	CL-ML					5	2-5					
	Black silty clay with some pea gravel, stiff, petroleum odor.												
10	Medium brown silty clay with some pea gravel.	CL-ML					10						
	Light brown silty clay with some pea gravel.	CL-ML											
	Boring terminated.												
15							15						
20							20						
25							25						
30							30						
35							35						

Kamur Industries, Inc.	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION				GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:	
DRILLING AGENCY	Alpha Geo Services	DRILLER	R. Manley	DATE STARTED: 11/04/96 DATE FINISHED: 1/04/96	
DRILLING EQUIPMENT	Mobile drill rig B-40L			COMPLETION DEPTH (ft) 15 feet	
DRILLING METHOD	Hollow-stem auger	DRILL BIT		HAMMER 140 lbs.	SAMPLER CA modified
SIZE AND TYPE OF CASING	PVC Schedule 40 0.020-inches			NUMBER OF SAMPLES BULK:	DRIVE:
TYPE OF PERFORATION	Factory slotted	FROM -2.5 feet	TO -15 feet	WATER FIRST: DEPTH	COMPL.: 24 hrs.
SIZE AND TYPE OF PACK	Washed kiln dried sand #2/12	FROM -2 feet	TO -15 feet	LOGGED BY Maneesha Upadhyay	CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Concrete grout	0 feet	-1.6	No. 3:		
	No. 2: Bentonite pellet	-1.6	-2 feet	No. 4:		

LOG OF BORING STMW-3

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	Dark brown silty clay with some gravel.	CL					0						
	Dark brown silty clay with some gravel.	CL											
	Dark brown silty clay with some gravel.	CL											
5	Color changes to dark olive-gray silty clay, stiff, moist.	CL					5	3-6					
10	Color changes to light olive-brown sandy silty clay with coarse gravel, moist.	CL					10						
15	Color changes to darker shade of olive brown sandy clay, moist. Boring terminated.	CL					15						
20							20						
25							25						
30							30						
35							35						

Kamur Industries, Inc.	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION			GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	Alpha Geo Services	DRILLER R. Manley	DATE STARTED: 11/04/96 DATE FINISHED: 1/04/96
DRILLING EQUIPMENT	Mobile drill rig B-40L		COMPLETION DEPTH (ft) 15 feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT	HAMMER 140 lbs. SAMPLER CA modified
SIZE AND TYPE OF CASING	PVC Schedule 40 0.020-inches		NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION	Factory slotted	FROM -2 feet TO -15 feet	WATER FIRST: DEPTH COMPL.: 24 hrs.
SIZE AND TYPE OF PACK	Washed kiln dried sand #2/12	FROM -1.5 feet TO -15 feet	LOGGED BY Maneesha Upadhyay CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Concrete grout	0 feet	-1 feet	No. 3:		
	No. 2: Bentonite pellet	-1 feet	-1.5	No. 4:		

LOG OF BORING STMW-4

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	Dark brown silty clay with some gravel, loose.	CL					0						
	No changes except interspersed with very coarse gravel.												
5	Color changes to dark olive-gray silty clay, moist, stiff.	CL					5	4-6					
10	Color changes to light olive-brown sandy silty clay with coarse gravel, moist.	CL				▽	10						
15	Boring terminated						15						
20							20						
25							25						
30							30						
35							35						

Kamur Industries, Inc.	PROJECT NO. 8-90-421-SI	FIGURE:

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION			GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	Alpha Geo Services	DRILLER R. Manley	DATE STARTED: 11/04/96 DATE FINISHED: 1/04/96
DRILLING EQUIPMENT	Mobile drill rig B-40L		COMPLETION DEPTH (ft) 15 feet
DRILLING METHOD	Hollow-stem auger	DRILL BIT	HAMMER 140 lbs. SAMPLER CA modified
SIZE AND TYPE OF CASING	PVC Schedule 40 0.020-inches		NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION	Factory slotted	FROM -2 feet TO -15 feet	WATER FIRST: DEPTH COMPL.: 24 hrs.
SIZE AND TYPE OF PACK	Washed kiln dried sand #2/12	FROM -1.5 feet TO -15 feet	LOGGED BY Maneesha Upadhyay CHECKED BY Lawrence Koo

TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1: Concrete grout	0 feet	-1 feet	No. 3:		
	No. 2: Bentonite pellet	-1 feet	-1.5	No. 4:		

LOG OF BORING STMW-5

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	3-inch concrete.						0						
	Dark brown silty clay with some gravel, loose.	CL											
5							5	5-6					
	Color changes to light brown sandy clay with coarse gravel, stiff, mild petroleum odor, moist.	CL											
10						▽	10						
	Color changes to light olive-brown sandy clay with coarse gravel, moist.	CL											
15	Boring terminated.						15						
20							20						
25							25						
30							30						
35							35						

Kamur Industries, Inc.	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	Alpha Geo Services	DRILLER R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02
DRILLING EQUIPMENT	Geoprobe		COMPLETION DEPTH (ft) 15 feet
DRILLING METHOD	Direct Push	DRILL BIT Hammer	HAMMER SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Frank Hamedi 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-1

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	Light brown sandy silty clay.	CL-ML					0						
	Dark brown silty clay with some sand.	CL-ML						1-3					
5	Dark gray silty clay with some pea gravel.	CL-ML					5						
	Dark brown sandy silty clay with some pea gravel.	CL-ML				▽		1-7					
10							10						
	Dark brown sandy silty clay with some pea gravel.	CL-ML											
15	Boring terminated.						15						
20							20						
25							25						
30							30						
35							35						

Kamur Industires	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	Alpha Geo Services	DRILLER	R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02	
DRILLING EQUIPMENT	Geoprobe			COMPLETION DEPTH (ft) 25 feet	
DRILLING METHOD	Direct Push	DRILL BIT	Hammer	HAMMER	SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING				NUMBER OF SAMPLES	BULK: DRIVE:
TYPE OF PERFORATION		FROM	TO	WATER FIRST: DEPTH	COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM	TO	LOGGED BY Frank Hamedi	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-2

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	4-inch asphalt.						0						
	Brown silty gravel.	GM											
	Dark brown silty clay, petroleum odor.	CL-ML											
	Dark brown silty clay, petroleum odor.	CL-ML						2-3					
5							5						
	Dark brown silty clay with pea gravel, damp, stiff.	CL-ML											
	Dark brown silty clay with pea gravel, damp, stiff.	CL-CH				▽		2-7					
10	Light brown gravely silty clay, damp, petroleum odor.	CL-ML					10						
	Light brown silty gravel with some claystone.	GM											
15	Clayey silty sand.	SC-SM					15						
	Light brown gravel.	GP											
20							20						
25	Boring terminated.						25						
30							30						
35							35						

Kamur Industires	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	Alpha Geo Services	DRILLER R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02
DRILLING EQUIPMENT	Geoprobe		COMPLETION DEPTH (ft) 20ft.
DRILLING METHOD	Direct Push	DRILL BIT Hammer	HAMMER SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Frank Hamedi 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-3

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	4-inch aspahlt.						0						
	Light brown sandy gravel.	GP-SP											
	Dark gray silty clay with some pea gravel, stiff, damp, light petroleum odor.	CL-ML											
	Dark gray silty clay with some pea grave l, stiff, damp, light petroleum odor.	CL-ML						3-3					
5	Grayish-brown gravely silty clay (clayst one), damp, stiff.	CL-ML					5						
	Dark brown gravely silty clay, stiff, dense, no odor.	CL-ML				▽		3-7					
10	Dark brown silty clay, stiff, damp, petr oleum odor.	CL-ML					10						
	Bluish-gray and brown silty clay with fe w pea gravel, moist, stiff.	CL-ML											
15	Light brown clayey silty sand with pea g ravel, damp, stiff.	SC-SM					15						
	Dark brown sandy clay with some gravel, damp, stiff.	SP-SC											
20	Boring terminated.						20						
25							25						
30							30						
35							35						

Kamur Industires	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	Alpha Geo Services	DRILLER R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02
DRILLING EQUIPMENT	Geoprobe		COMPLETION DEPTH (ft) 15 feet
DRILLING METHOD	Direct Push	DRILL BIT Hammer	HAMMER SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION		FROM TO	WATER DEPTH FIRST: COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Frank Hamedi 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-4

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	6-inch asphalt.						0						
	Gray sandy gravel, damp, dense.	GP-SP											
	Dark brown sandy silty clay with gravel.	CL-ML						4-2					
	Dark brown sandy silty clay with gravel.	CL-ML						4-3					
5							5						
	Dark brown silty clay with pea gravel, damp, stiff, light petroleum odor.	CL-ML											
	Dark brown silty clay with pea gravel damp, stiff, light petroleum odor.	CL-ML				▼		4-7					
10	Grayish-brown silty clay, damp, stiff.						10						
15	Boring terminated.						15						
20							20						
25							25						
30							30						
35							35						

Kamur Industires	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	Alpha Geo Services	DRILLER R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02
DRILLING EQUIPMENT	Geoprobe		COMPLETION DEPTH (ft) 20 feet
DRILLING METHOD	Direct Push	DRILL BIT Hammer	HAMMER SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Frank Hamedi 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-5

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	6-inch asphalt.						0						
	Brown sandy gravel, moist, dense.	GP-SP											
	Dark brown silty clay with gravel, petroleum odor.	CL-CH											
	Dark brown silty clay with some gravel petroleum odor.	CL-ML						5-3					
5							5						
	Dark brown silty clay with some gravel.	CL-ML						5-7					
	Dark brown sity clay with pea gravel, petroleum odor.	CL-ML				▽							
10							10						
	Dark brown sandy clay with pea gravel, damp, stiff, petroleum odor.	CL-ML											
15	Light brown clayey silty sand with gravel.	SC-SM					15						
	Dark brown sandy to silty clay with some gravel, damp, stiff.	CL-ML											
20	Boring terminated.						20						
25							25						
30							30						
35							35						

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

ENVIRO SOIL TECH CONSULTANTS

BORING LOCATION	400 San Pablo Avneue, Albany, CA		GROUND SURFACE ELEVATION: TOP OF WELL CASING ELEVATION:
DRILLING AGENCY	Alpha Geo Services	DRILLER R.M.	DATE STARTED: 5/29/02 DATE FINISHED: 5/29/02
DRILLING EQUIPMENT	Geoprobe		COMPLETION DEPTH (ft) 20 feet
DRILLING METHOD	Direct Push	DRILL BIT Hammer	HAMMER SAMPLER 2-inch polyethlene tube
SIZE AND TYPE OF CASING			NUMBER OF SAMPLES BULK: DRIVE:
TYPE OF PERFORATION		FROM TO	WATER FIRST: DEPTH COMPL.: 8 feet 24 hrs.
SIZE AND TYPE OF PACK		FROM TO	LOGGED BY Frank Hamedi CHECKED BY Lawrence Koo

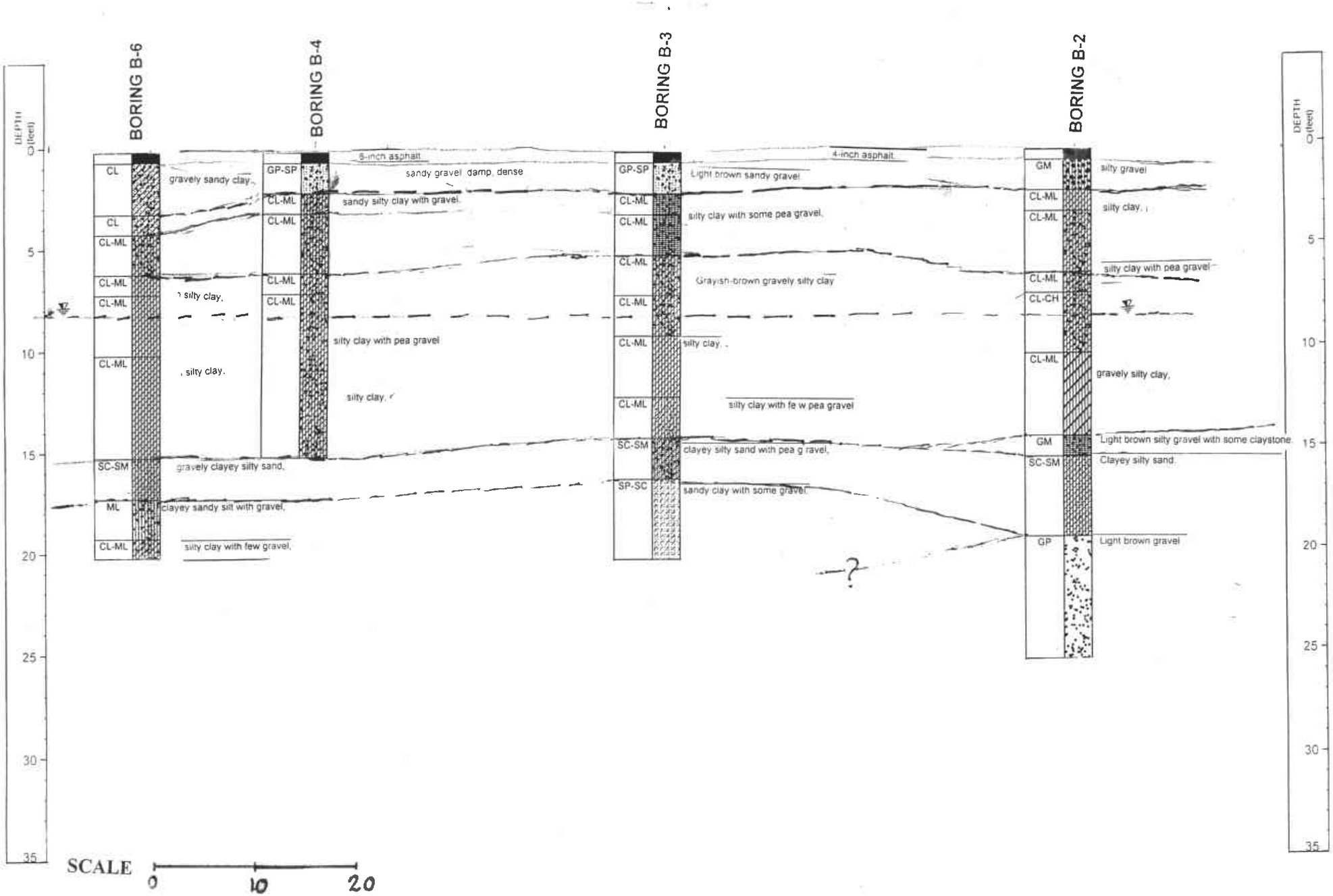
TYPE OF SEAL	TYPE	FR	TO	TYPE	FR	TO
	No. 1:			No. 3:		
	No. 2:			No. 4:		

LOG OF BORING B-6

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	4-inch asphalt.						0						
	Dark gray to brown gravely sandy clay.	CL											
	Dark gray to brown gravely sandy clay.	CL						6-3					
5	Dark brown sandy silty clay with some pea gravel, damp, stiff.	CL-ML					5						
	Dark brown silty clay, damp, stiff.	CL-ML											
	Dark-brown silty clay, damp, stiff.	CL-ML				▼		6-7					
10	Grayish-brown silty clay, damp, stiff.	CL-ML					10						
15	Light gray gravely clayey silty sand, damp, stiff.	SC-SM					15						
	Brown clayey sandy silt with gravel, damp, stiff.	ML											
20	Dark brown silty clay with few gravel, damp, stiff.	CL-ML					20						
	Boring terminated.												
25							25						
30							30						
35							35						

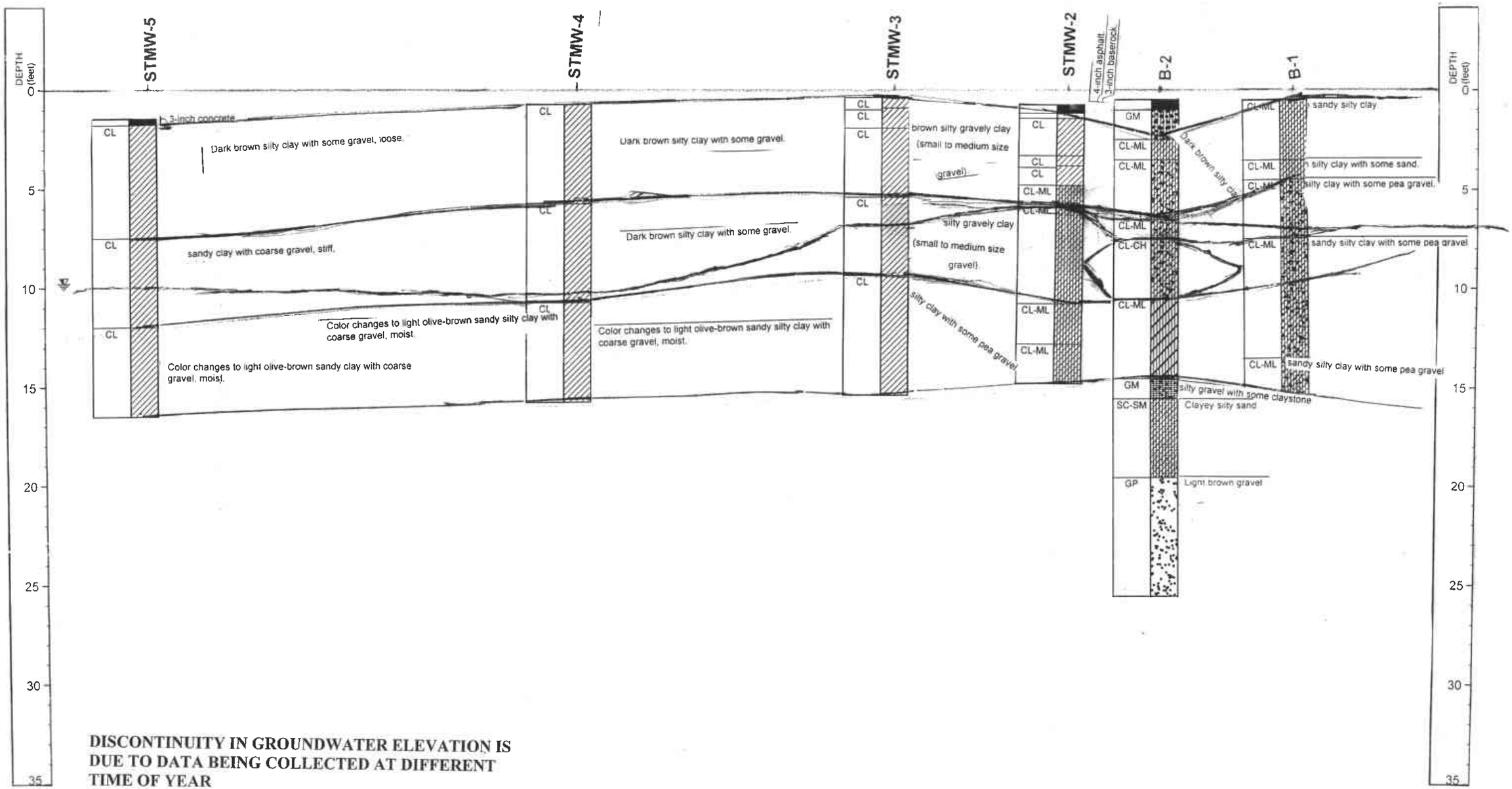
Kamur Industires	PROJECT NO. 8-90-421-SI	FIGURE:

CROSS-SECTION A-A



ENVIRO SOIL TECH CONSULTANTS

CROSS-SECTION B-B



DISCONTINUITY IN GROUNDWATER ELEVATION IS DUE TO DATA BEING COLLECTED AT DIFFERENT TIME OF YEAR

SCALE 0 — 20 — 40

ENVIRO SOIL TECH CONSULTANTS

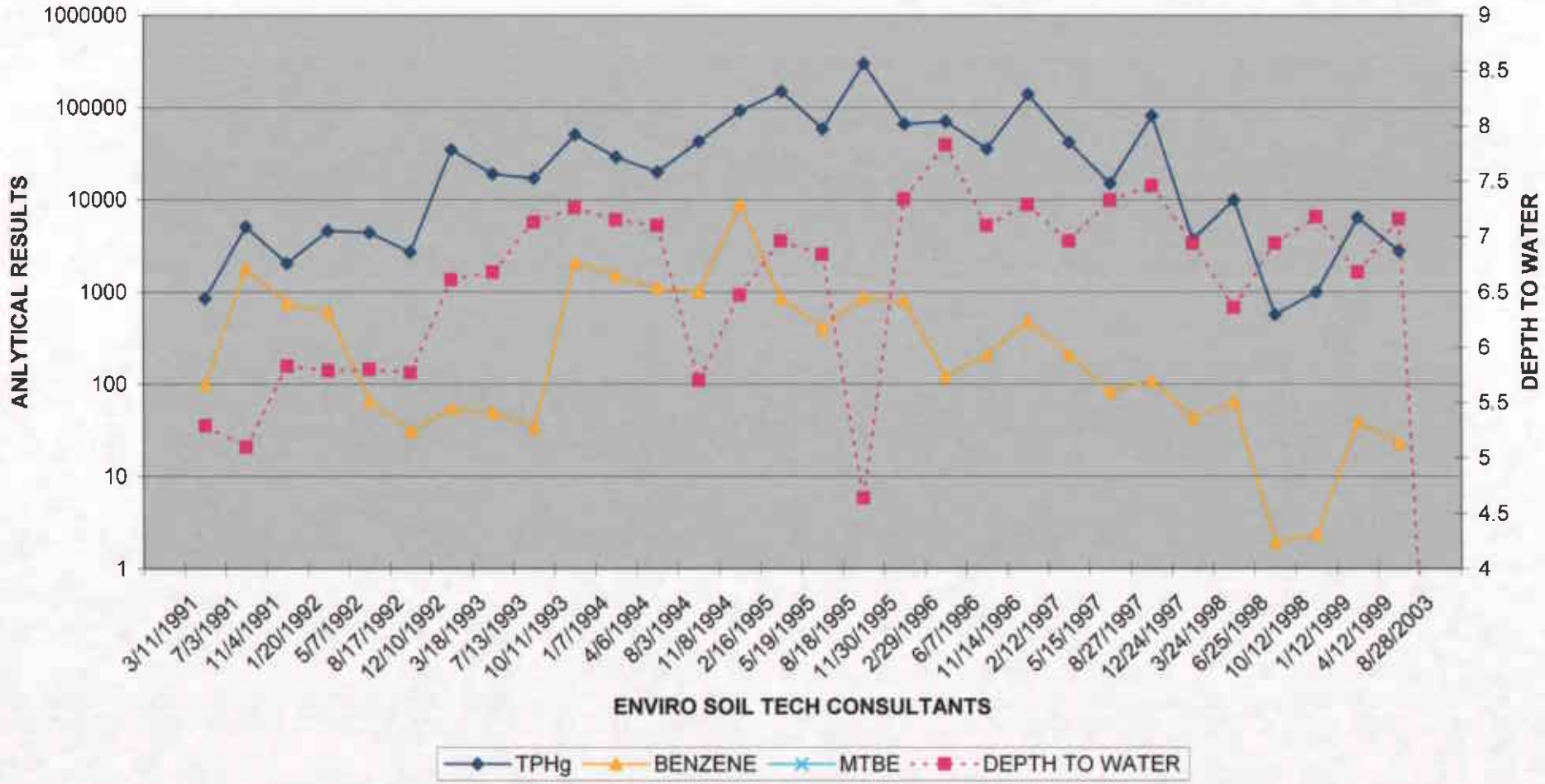
File No. 8-90-421-SI

A P P E N D I X "D"

ENVIRO SOIL TECH CONSULTANTS

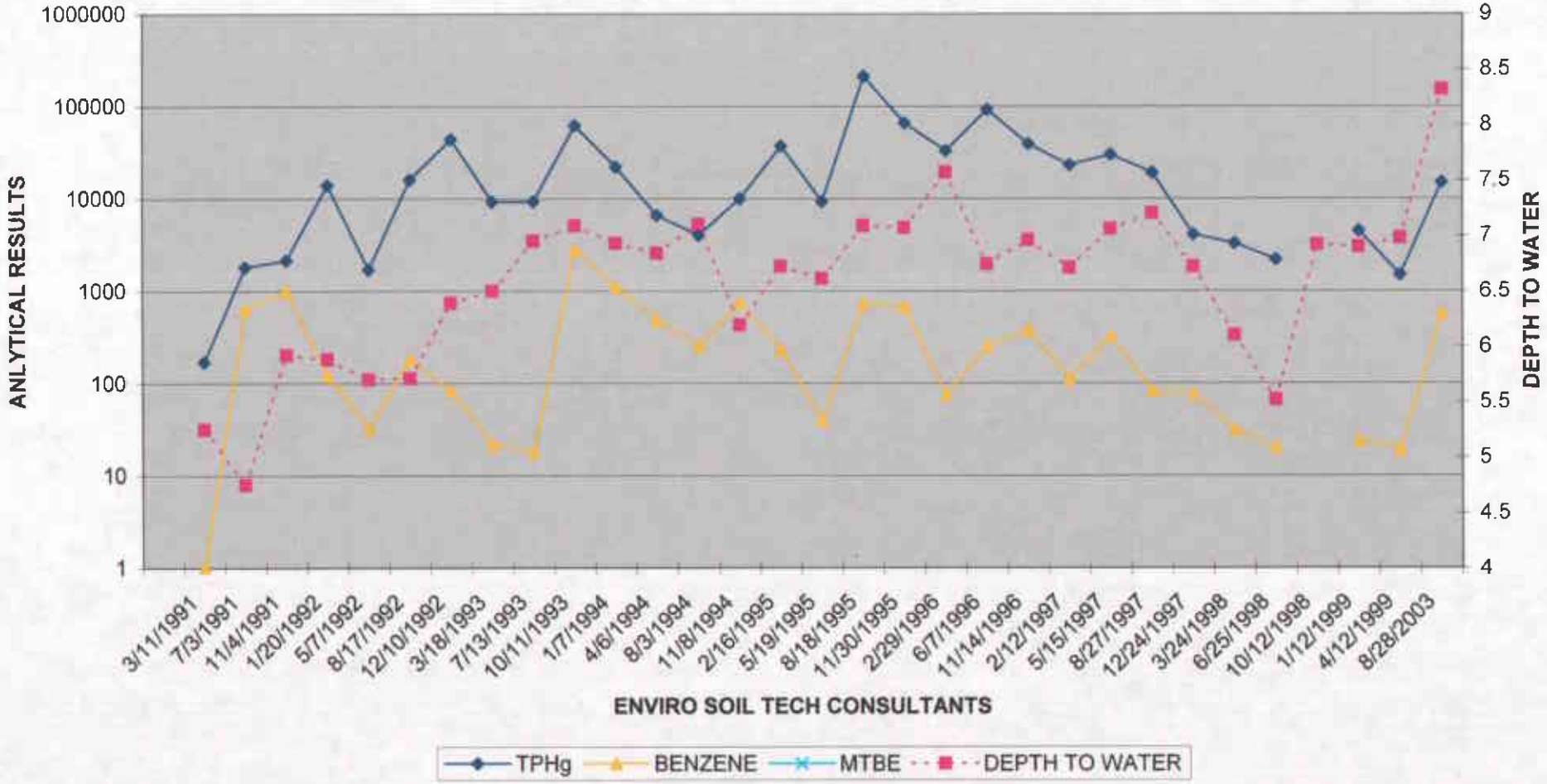
File No.: 8-90-421-SI

TPHg, BENZENE & MTBE FOR STMW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



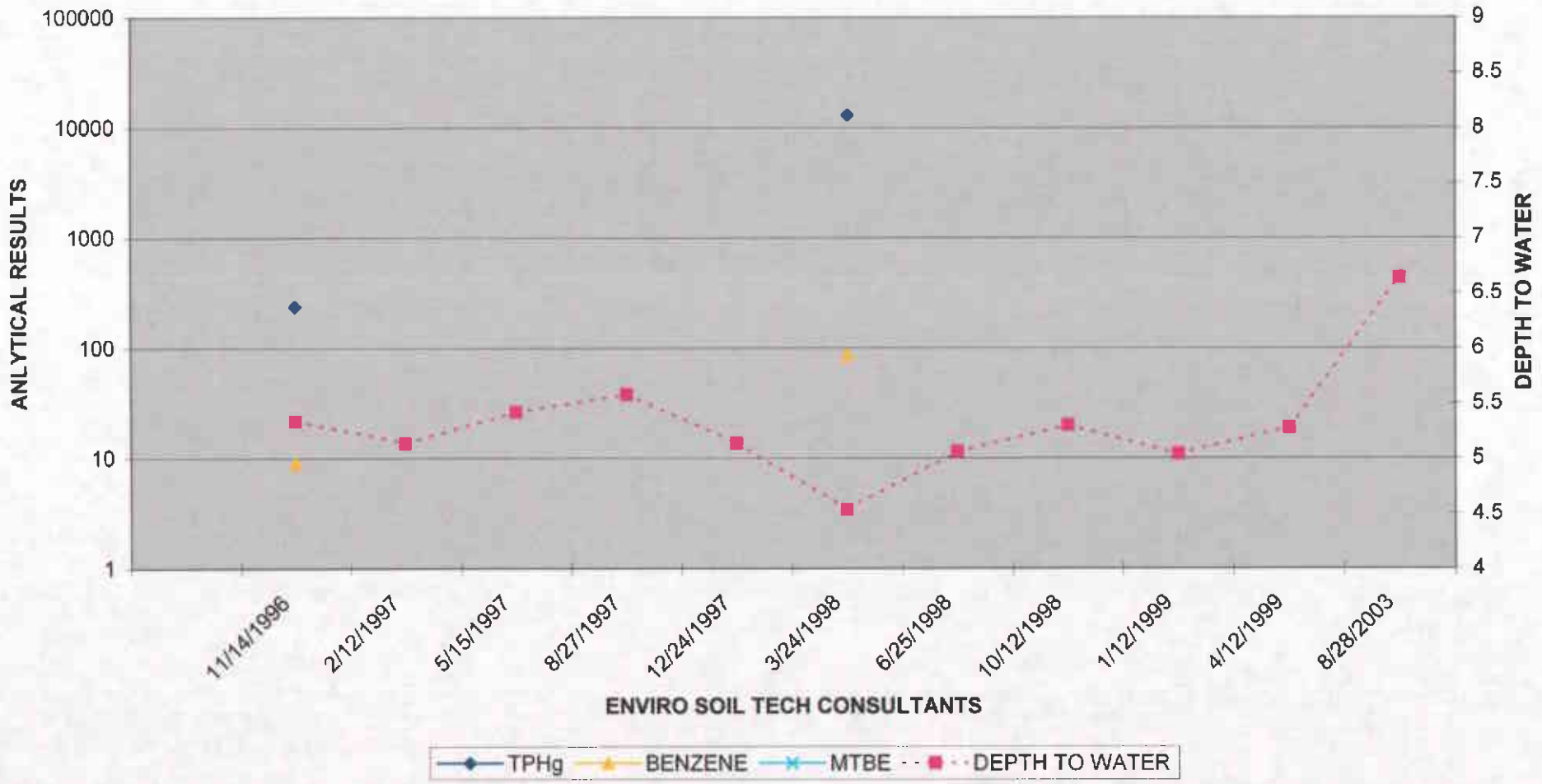
File No.: 8-90-421-SI

TPHg, BENZENE & MTBE FOR STMW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



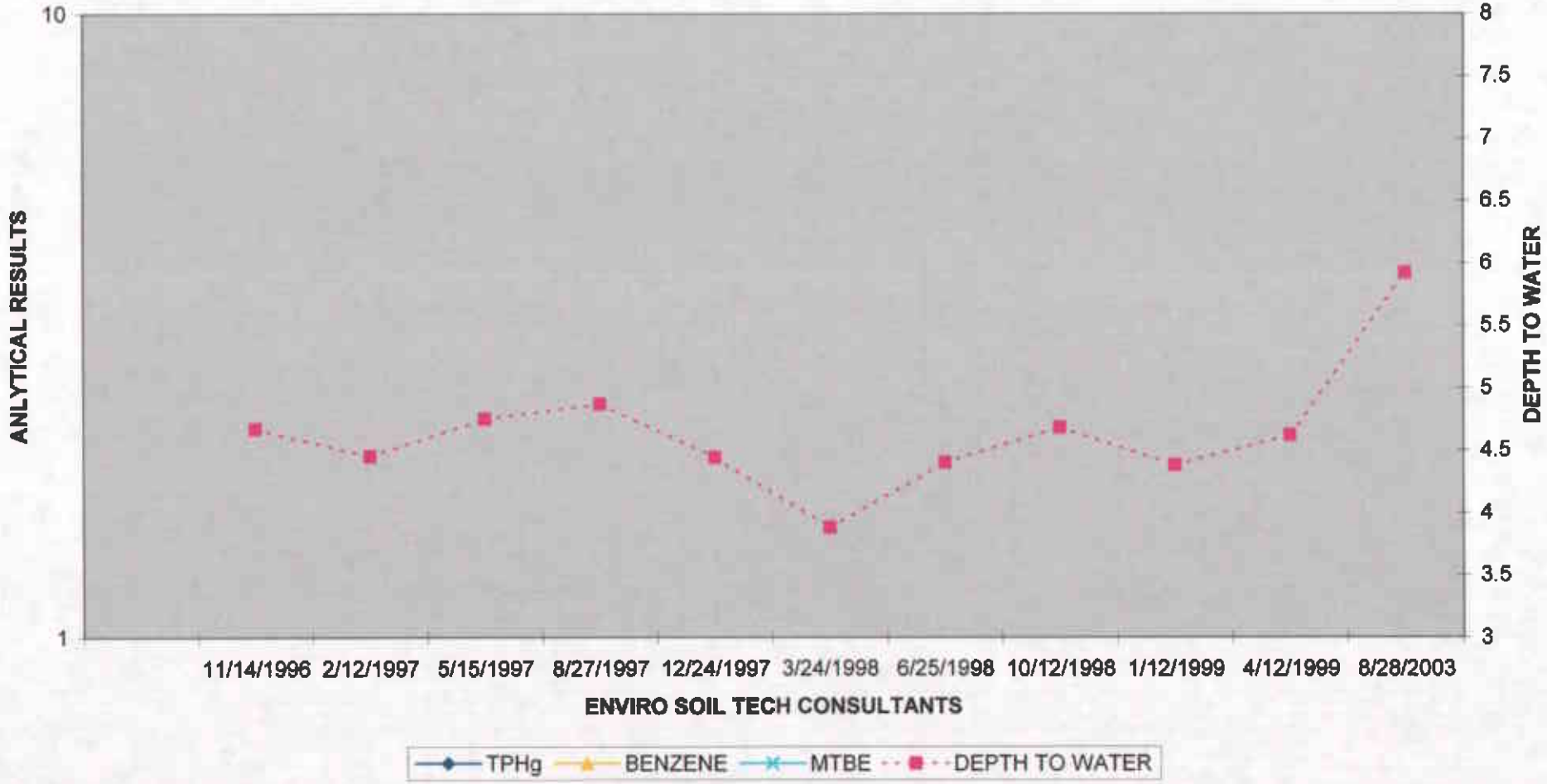
File No.: 8-90-421-SI

TPHg, BENZENE & MTBE FOR STMW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



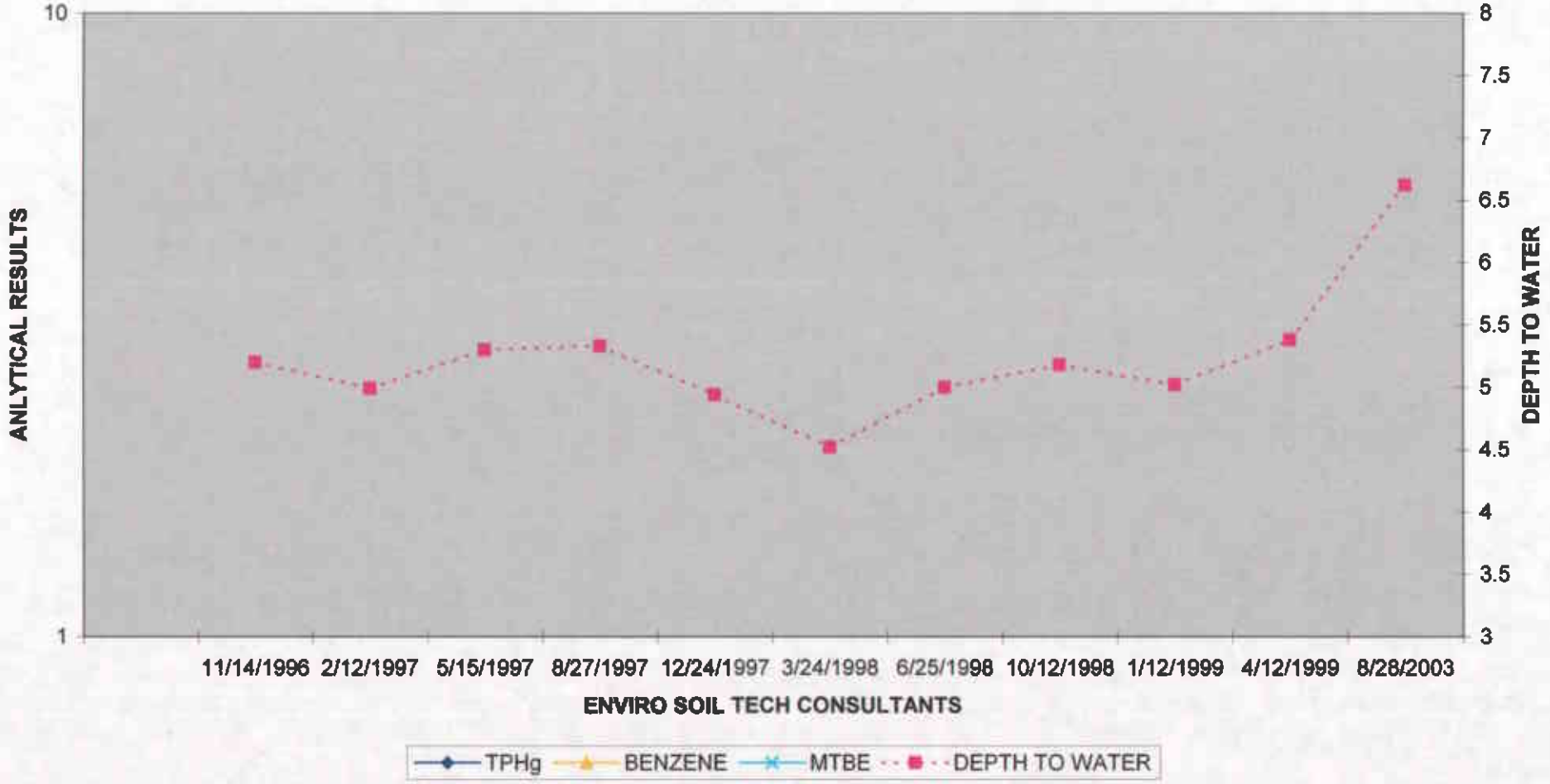
File No.: 8-90-421-SI

TPHg, BENZENE & MTBE FOR STMW-4 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)

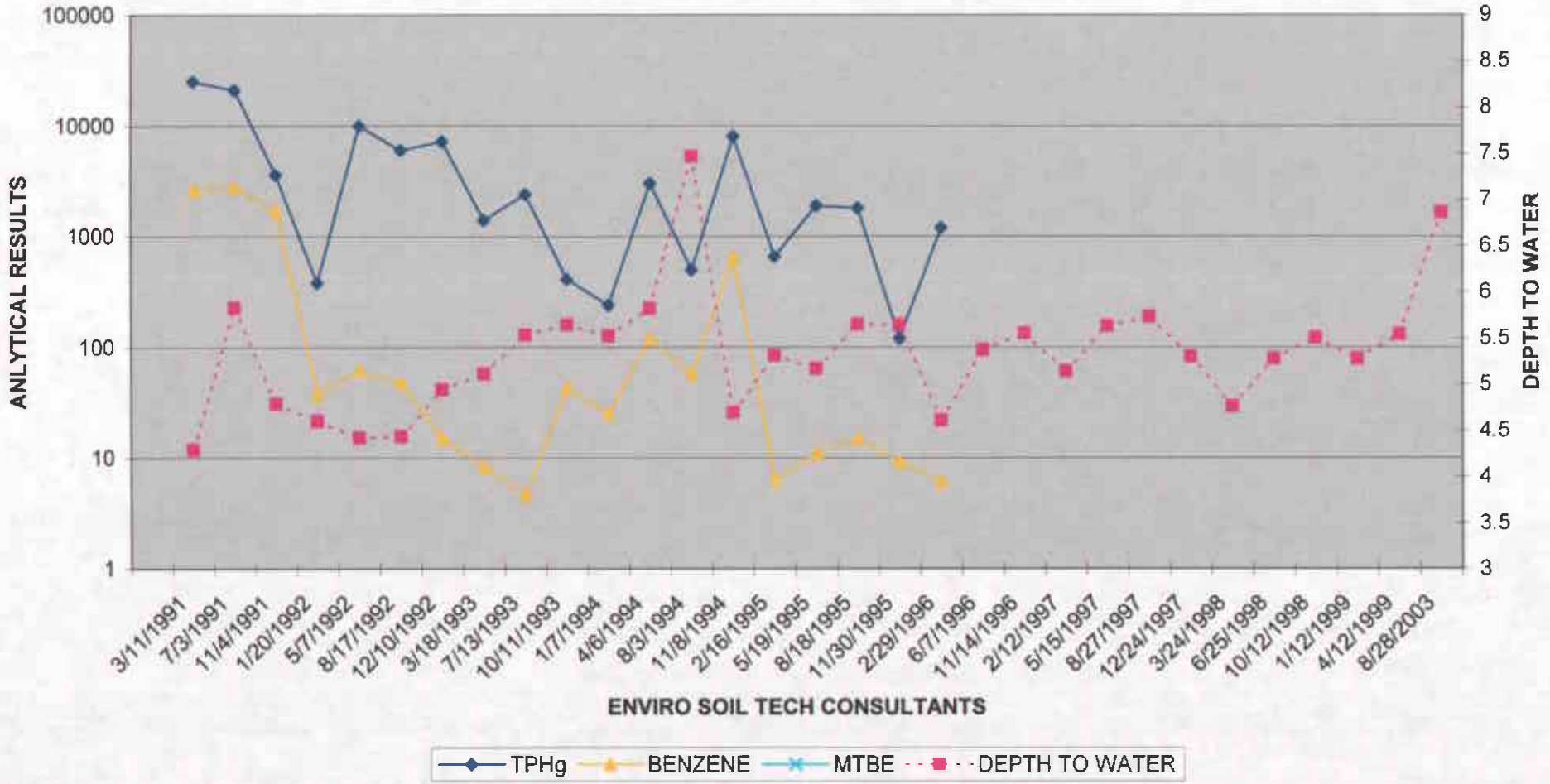


File No.: 8-90-421-SI

TPHg, BENZENE & MTBE FOR STMW-5 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)

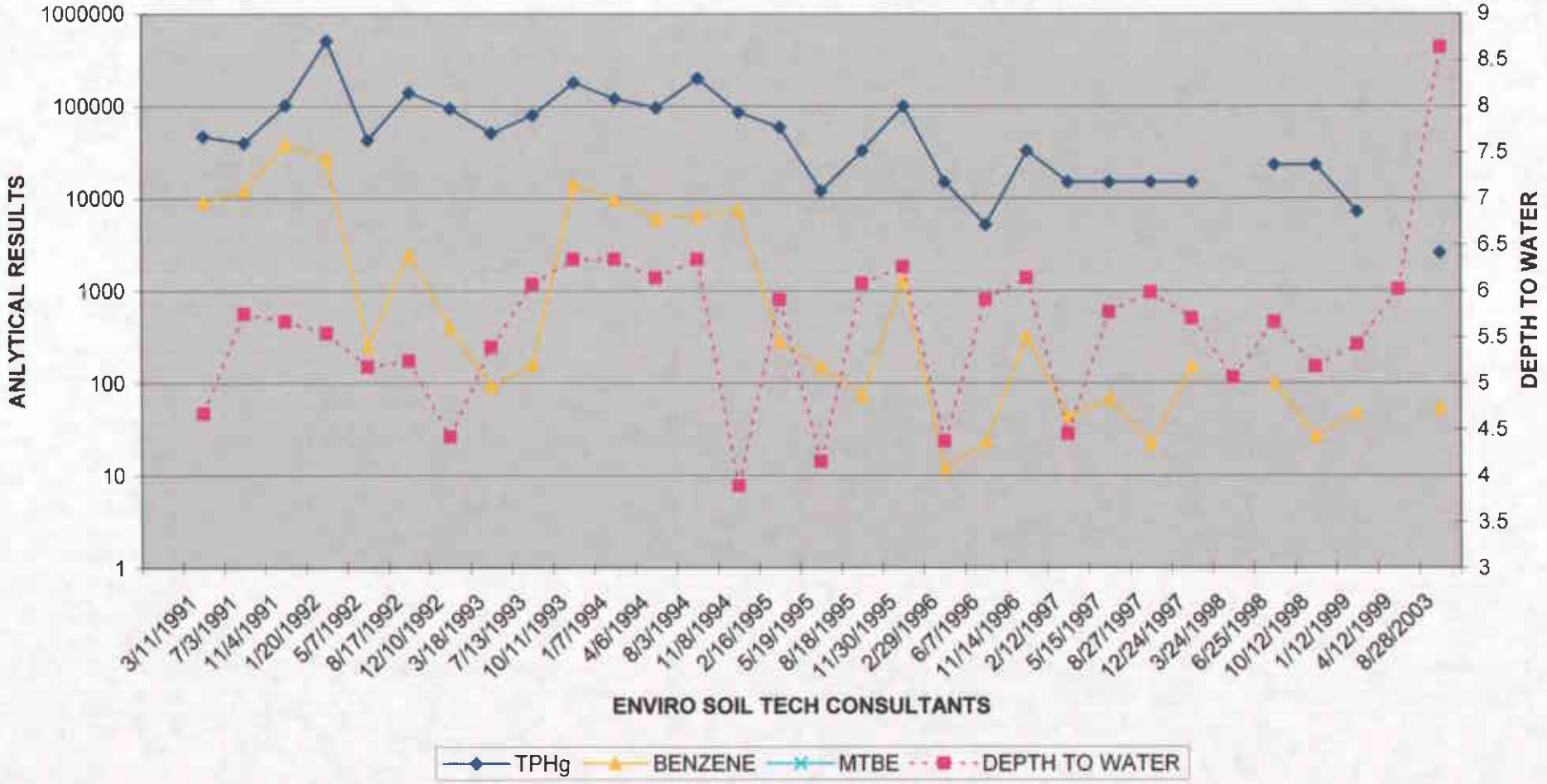


File No.: 8-90-421-SI
TPHg, BENZENE & MTBE FOR MW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



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

TPHg, BENZENE & MTBE FOR OTMW-5 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)