R0260

File No. 8-90-421-SI

REVISED HISTORICAL EVENTS REPORT FOR THE PROPERTY LOCATED AT 400 SAN PABLO AVENUE ALBANY, CALIFORNIA MAY 13, 2005

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

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

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

May 13, 2005

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

SUBJECT: REVISED HISTORICAL EVENTS REPORT FOR CAR WASH PLAZA
Located at 400 San Pablo Avenue, in
Albany, California

Dear Mr. Stevens:

This historical report of events at the property located at 400 San Pablo Avenue, in Albany, California has been revised from the preliminary report that was submitted by Enviro Soil Tech Consultants (ESTC) in 2004. The data were complied from previous investigation by Soil Tech Engineering (STE) and other consultants.

These revisions were requested by Mr. Robert Schultz, P.G., Hazardous Materials Specialists with Alameda County Health Care Services Agency (ACHCSA).

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.
C. E. 34928

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE SHUI-BING KOO
C 34928
Exp. 9/30
CIVIL
STATE OF CALIFORNIA

PURPOSE

In letter correspondence in 2003, Mr. Scott O. Seery, R.G., of Alameda County Health Care Services Agency (ACHCSA), requested a report detailing the history of the fuel leak case at 400 San Pablo Avenue, in Albany, California. Mr. Seery requested that the report summarize all environmental information and activities since the 1989 discovery of the leak from the petroleum underground tank system. The purpose of this report is to compile this site history and summarize the status of the investigation. It is not intended to provide a definitive interpretation of the geology or hydrogeology of the site or draw conclusions about the source, migration, or future of the contaminants.

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. Land use in the surrounding area is primarily light commercial and residential (Figure 2).

BACKGROUND AND SITE DEVELOPMENT

The site was vacant until the late 1950's, when Plaza Car Wash and the adjacent Norge Dry Cleaner buildings were constructed. The address of the dry cleaners is 398 San Pablo Avenue. Presumably, the cleaners began using various chemicals at that time, including dry cleaning solvents, although the original owners have since passed away and there is no first-hand information available regarding the use, storage, or disposal of these chemicals in the early years of the operation.

In 1970, Plaza Car Wash installed three underground fuel storage tanks and expanded its business to include the dispensing of gasoline. The tanks and dispensers were located north of the car wash and southeast of the dry cleaners (Figure 3).

LEAK DETECTION AND INITIAL INVESTIGATION

On July 3, 1989, a non-aqueous liquid hydrocarbon plume was observed floating in El Cerrito Creek, which forms the northern property boundary of Norge Cleaners. This prompted an emergency response from the Albany Fire Department, which placed absorbent materials and a boom in the creek as a temporary containment measure. Subsequent inspection indicated that the hydrocarbon plume was entering El Cerrito Creek through a storm drain outlet that was located a few tens of feet northwest of the dry cleaners building. Investigation was then undertaken to discover the source of the plume.

Kamur Industries reviewed the inventory reconciliation records for Plaza Car Wash and discovered discrepancies in the unleaded gasoline inventory. The product lines were tested in mid-July, and the test confirmed a small leak in the unleaded product line beneath the pump island. The leak was repaired and approximately five to ten cubic yards of gasoline-contaminated soil were removed from beneath the line. Samples were collected from the excavated soil and composited for laboratory analysis, and a Total Petroleum Hydrocarbon (TPH) concentration of 7,500 parts per million (ppm) was detected.

Subsurface Consultants, Inc. (SCI) was then 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 samples obtained on August 1 and 3, 1989.

The Regional Water Quality Control Board (RWQCB) requested the collection of water samples from El Cerrito Creek and the storm drain outlet. These were collected on August 3, and high concentrations of hydrocarbons were detected at the storm drain outlet to the creek. Lower levels were detected about 20 feet down-stream. After discussion with RWQCB on August 7, 1989, a routine sampling program from the storm drain outlet and the creek was established. Samples were thenceforth collected both upstream and down stream of the outlet within 48 hours following a significant rainfall event of 0.25 inches or more. This sampling program continued through January 12, 1999. Sampling results 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 appeared to be the most likely location for petroleum products to enter the storm drain.

On October 10 and 11, 1989, Riedel Environmental Services, Inc. installed a sump on Adams Street adjacent to the damaged section of the storm drain. This was thought to be the optimum location to influence the groundwater level. During sump installation, joints in the drainpipe were exposed and sealed with mortar. Excavated soil was screened with an organic vapor analyzer, and the contaminated material was removed and stored on-site for later disposal. On December 18, 1989, International Technology Environmental Services (ITES) removed the stockpiled soil from the product line repair and sump installation areas and transported it to the West Contra Costa Sanitary Landfill for disposal.

SCI conducted a soil vapor study around the perimeter of the car wash and dry cleaner properties to provide a preliminary indication of the extent of soil contamination. Hydrocarbon vapors were detected in most samples, apparently suggesting that most of the site area was impacted by the hydrocarbons. The results of the vapor survey are described in the SCI report dated November 7, 1989.

WATER MONITORING PROGRAM

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 downstream station showed fairly low to non-detectable levels.

UNDERGROUND TANK REMOVAL AND INTERIM SOIL REMEDIATION

On November 5 and 6, 1990, Alpha Geo Services (AGS) removed the three underground storage tanks from Plaza Car Wash. As the tanks were removed, gasoline contamination was noted on the sidewalls of the excavation. Groundwater entered the excavation at eight (8) feet below the ground surface, and a thin film of dark brownish

-product was observed floating on its surface. Six soil samples were taken from the sidewalls of the excavation approximately 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 concentrations of TPHg in the range of 640 to 1890 milligrams per kilogram (mg/kg).

Interim remediation of the contamination was undertaken after the tanks were removed. The UST excavation was extended laterally on November 7 for a distance of approximately 25 feet to the west, toward the dispenser islands. The depth of this excavation along the product lines was 3 to 4 feet. Four soil samples were collected from this area and labeled as 7-4, 8-4, 9-3 and 10-3 (see Figure 2 and Table 1). The samples had TPHg concentrations that ranged from 142 to 4860 mg/Kg. It appeared that gasoline had migrated within the backfill material around the product lines.

Excavation continued on November 8 and 9 to find the eastern limit of contamination toward San Pablo Avenue and the car wash building and the western limit toward the dry cleaners. The sidewalls were re-sampled and the samples were analyzed on site by Mobile Chem Lab, Inc. Samples 11-7, 12-9 and 14-8 along the eastern and southern sidewalls had TPHg concentrations of 470, 580 and 700 mg/Kg, respectively. The northern sidewall (sample 13-7) showed lower levels (290 mg/Kg) (see Figure 3 and Table 1).

Contaminated soil was removed from the western section of the excavation on November 9. This soil had gasoline stains and/or petroleum odor to a depth of as much as 13 feet. Two of the existing shallow monitoring wells (MW-1 and MW-4) were removed during this additional excavation work, 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.

Due to the presence of floating product in the excavation, Erickson, Inc pumped approximately 4700 gallons on November 8, 1990, 3800 gallons on November 9, and 5,000 gallons on November 10. One grab sample of groundwater was collected from the excavation for analysis. Low concentrations of volatile aromatic hydrocarbons were detected (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 the laboratory detection limit.

Soil excavation was terminated on November 10, when the car wash building and the east driveway to the dry cleaners were reached. Confirmation samples were collected from the sidewalls and the excavation was backfilled with imported soil. As the excavation was filled, two 6-inch PVC pipes with 5 foot perforated sections were installed for later use as observation wells for groundwater and/or for future soil or groundwater remediation.

The final five samples from the sidewalls (16-7, 18-7, 19-8, 20-10 and 21-20) showed elevated levels of TPHg in the range of 440 to 1300 mg/Kg (see Figure 3 for location and Table 1 for the results). Hence, moderate to high levels of TPHg still existed in the soil around the perimeter of the excavation

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

ESTC GROUNDWATER INVESTIGATION

A subsurface assessment of the extent of soil and groundwater contamination began in 1991. Monitoring wells STMW-1 and STMW-2 were installed in February of

that year. Well STMW-1 replaced MW-1 and MW-4, which were destroyed during soil excavation. Well STMW-2 was installed north of the former tank complex to monitor groundwater flow between the former UST facility and El Cerrito Creek. Soil samples were collected at the depth of 5 feet for analysis.

As of early 1991, five wells were included in the quarterly groundwater monitoring program: MW-2 and MW-3 (installed by SCI in 1990), STMW-1 and STMW-2 (installed by ESTC in 1991), and an off-site well (OTMW-5) that had been installed for a paint company that was located south of Plaza Car Wash (Figure 3). The two observation wells in the UST excavation were in addition to the regular monitoring wells and were not sampled on a regular basis. Three additional wells were drilled in 1996 (STMW-3, STMW-4 and STMW-5), although OTMW-5 was removed by then. The observation wells were likewise destroyed under permit on May 15, 2000.

The monitoring program continued uninterrupted through 1999. Water depth measurements and analytical results are presented in Table 4. The well data indicated that groundwater was impacted over much of the site area, except in the immediate vicinity of El Cerrito Creek.

INTERIM GROUNDWATER REMEDIATION PLAN

On May 4, 1993, an interim groundwater remediation plan for groundwater treatment was prepared. A permit for discharge of treated water was obtained from the RWQCB-SFB prior to the construction of the remediation system. However, due to a change in Alameda County requirements, the remediation system was placed on hold and construction was halted.

FURTHER SOIL EXCAVATION

On May 17, 2000, an excavation for a storage tank for reclaimed water was begun south of the previous excavations (Figure 5). Three soil samples from the sidewalls of the excavation were collected under the supervision of Ms. Eva Chu of ACHCSA. In addition, three composite soil samples were collected from the stockpile to characterize the soil for 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. Low levels of BTEX were also detected.

FURTHER SOIL INVESTIGATION

On May 29, 2002, six soil borings were advanced by Geoprobe system under the supervision of Ms. Eva Chu. The borings were drilled to the depth of 15 to 25 feet bgs to obtain information on the vertical extent of contamination. For locations of the borings, see Figure 5. Soil results are tabulated on Table 1, and groundwater results are shown in Table 3.

Soil samples were collected at depths of 3 and 7 feet in each boring and were submitted to the laboratory for chemical analyses (total of 12 soil samples). Groundwater was encountered at various depths, ranging from 12 to 20 feet, but stabilized at a depth of 8 feet bgs. Grab samples were collected from borings #1, #2, #5 and #6 for analysis.

MTBE was below the laboratory detection limit in all soil samples, but TPHg and various aromatic hydrocarbons were detected. TPHg ranged up to a maximum of 1900 mg/Kg and benzene ranged up to 13 mg/Kg. Toluene and ethylbenzene ranged up to 84 and 28 mg/Kg, respectively. Total Xylenes were present up to a maximum of 154 mg/Kg The samples at 7 feet were more contaminated than those at 3 feet.

Groundwater samples had TPHg concentrations ranging from 2000 µg/L to 35000 µg/L. Benzene and other aromatic compounds also exceeded 1000 µg/L in some samples. MTBE concentrations were low, however, not exceeding 12 µg/L. In addition, chlorinated hydrocarbons or other non-gasoline hydrocarbons were detected.

GENERALIZED SOIL DESCRIPTION

Boring logs were prepared by ESTC's field engineer as well as by field personnel of SCI during various phases of the subsurface investigation. It is difficult to recognize correlatable stratigraphic units on these logs, possibly because the borings are shallow and few stratigraphic units were penetrated in most borings. In general, the 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 depths ranging from 12 to nearly 20 feet, but later stabilized at less than 10 feet. This implies that groundwater is somewhat confined by the fine-grained silt and clay that is present at the ground surface. The depth to the static water level has remained remarkably constant in the monitoring wells, ranging from 5 to 8 feet over a period of several years. The depth to groundwater over time is graphed in Appendix "D". Water level and well construction data are included in Table 4.

A rose diagram of historical groundwater flow direction was constructed using groundwater elevation data from on-site wells (Figure 5). There has been some variation in groundwater flow direction since 1990, and this variation has been examined in considerable detail in the February 2005 Site Conceptual Model Report.

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A P P E N D I X "A"

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	Total Lead	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B
11/07/90	1-7a	Original UST Removal at 7 feet	710	2.6	30.4	11.1	65.4	NA	NA	NA	NA	NA	NA	Not Analyzed
	2-7a	Original UST Removal at 7 feet	1170	3.6	28.8	14.6	61.3	NA	NA	NA	NA	NA	NA	Not Analyzed
	3-7a	Original UST Removal at 7 feet	870	8.1	51.7	15.4	73.1	NA	NA	NA	NA	NA	NA	Not Analyzed
	4-7a	Original UST Removal at 7 feet	1080	3.7	43.3	19.3	100	NA	NA	NA	NA	NA	NA	Not Analyzed
	5-7a	Original UST Removal at 7 feet	640	7.5	46	12.9	57.8	NA	NA	NA	NA	NA	NA	Not Analyzed
	6-7a	Original UST Removal at 7 feet	1890	15.8	136.1	43.4	191.8	NA	NA	NA	NA	NA	NA	Not Analyzed
	7-4a	Original UST Removal Pump Island at 4 feet	1340	9	87.6	30.3	138.4	NA	NA	NA	NA	NA	NA	Not Analyzed
	8-4a	Original UST Removal Pump Island at 4 feet	4860	9.9	145.4	50.2	103.2	NA	NA	NA	NA	NA	NA	Not Analyzed
	9-3a	Original UST Removal Pump Island at 3 feet	1190	32.3	115.3	25	118.3	NA	NA	NA	NA	NA	NA	Not Analyzed
	10-3a	Original UST Removal Pump Island at 3 feet	142	0.9	3.3	ND<0.5	9.4	NA	NA	NA	NA	NA	NA	Not Analyzed
11/08/90	11-7b	First Over-Excavation at 7 feet	470	14	45	10	54	NA	NA	NA	NA	NA	NA	Not Analyzed
	12-9b	First Over-Excavation at 9 feet	580	19	57	12	65	NA	NA	NA	NA	NA	NA	Not Analyzed
	13-7b	First Over-Excavation at 7 feet	290	11	27	5.3	30	NA	NA	NA	NA	NA	NA	Not Analyzed
	14-8b	First Over-Excavation at 8 feet	700	7.8	41	28	80	NA	NA	NA	NA	NA	NA	Not Analyzed
11/09/90	16-7c	Second Over-Excavation at 7 feet	1300	48	170	35	190	NA	NA	NA	NA	NA	NA	Not Analyzed
11/10/90	18-7c	Second Over-Excavation at 7 feet	440	9.3	25	7.4	40	NA	NA	NA	NA	NA	NA	Not Analyzed
	19-8c	Second Over-Excavation at 8 feet	1200	46	140	30	160	NA	NA	NA	NA	NA	NA	Not Analyzed

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	Total Lead	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
11/10/90	20-10c	Second Over-Excavation at 10 feet	960	43	110	24	130	NA	NA	NA	NA	NA	NA	Not Analyzed	
	21-10c	Second Over-Excavation at 10 feet	1200	54	140	30	160	NA	NA	NA	NA	NA	NA	Not Analyzed	
2/24/91	SW-1-5 (Well STMW-1)d	Soil Boring from Supplemental Subsurface Investigation at 5 feet	1200	27	98	24	120	NA	NA	NA	NA	NA	NA	Not Analyzed	
	SW-2-5 (Well STMW-2)d	Soil Boring from Supplemental Subsurface Investigation at 5 feet	510	13	35	8.9	43	NA	NA	NA	NA	NA	NA	Not Analyzed	
11/04/96	STMW-3-6e	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	ND<1	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	NA	ND <0.005	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005
	STMW-4-6e	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	ND<1	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	NA	ND <0.005	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005
	STMW-5-6e	Soil Boring from Additional Soil and Groundwater Investigation at 6 feet	3.1	0.044	ND <0.005	0.0092	0.089	ND <0.005	NA	ND <0.005	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005
5/17/00	E-1-8e*	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	59	0.11	0.16	0.19	0.36	NA	2.3	NA	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005
	E-2-8e*	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	12	0.034	0.044	0.13	1.9	NA	1.9	NA	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	Total Lead	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
5/17/00	E-3-8e*	New Underground Reclaim Water Storage Tank Excavation Sidewall at 8 feet	7.4	0.016	0.018	0.022	0.074	NA	2.5	NA	ND <0.005	ND <0.005	ND <0.005	None Detected	<0.005
5/29/02	B-1-3f	Soil Boring from Soil and Groundwater Investigation at 3 feet	ND<1	ND <0.0051	ND <0.0051	ND <0.0051	ND <0.0051	ND <0.0051	NA	ND <0.0051	ND <0.0051	ND <0.0051	ND <0.01	None Detected	<0.0051
	B-1-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	280	ND<0.13	ND<0.13	0.21	ND<0.13	ND<0.13	NA	ND <0.13	ND <0.13	ND <0.13	ND <0.25	Isopropylbenzene Naphthalene n-Butylbenzene Propylbenzene sec-Butylbenzene	0.75 3.6 2.3 3.6 0.57
	B-2-3f	Soil Boring from Soil and Groundwater Investigation at 3 feet	ND<1	ND <0.0053	ND <0.0053	ND <0.0053	ND <0.0053	ND <0.0053	NA	ND <0.0053	ND <0.0053	ND <0.0053	ND <0.011	Not Analyzed	
	B-2-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	61	0.87	0.52	4	13.6	ND<0.36	NA	ND <0.36	ND <0.36	ND <0.36	ND <0.71	Isopropylbenzene Naphthalene n-Butylbenzene Propylbenzene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	0.38 1.6 0.79 1.6 3.7 10
	B-3-3f	Soil Boring from Soil and Groundwater Investigation at 7 feet	ND<1	ND <0.0052	ND <0.0052	ND <0.0052	ND <0.0052	ND <0.0052	NA	ND <0.0052	ND <0.0052	ND <0.0052	ND <0.01	Acetone	0.025
	B-3-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	1900	13	84	28	154	ND<2.5	NA	ND<2.5	ND<2.5	ND<2.5	ND<5	Naphthalene n-Butylbenzene Propylbenzene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	11 4.7 11 22 66
	B-4-3f	Soil Boring from Soil and Groundwater Investigation at 3 feet	15	0.4	ND<0.13	0.77	ND <0.13	ND<0.13	NA	ND<0.13	ND <0.13	ND <0.13	ND<0.25	Isopropylbenzene Naphthalene n-Butylbenzene Propylbenzene 1,3,5-Trimethylbenzene	0.14 0.19 0.33 0.62 0.23

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	Total Lead	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
5/29/02	B-4-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	270	8.7	29	12	62	ND<1	NA	ND<1	ND<1	ND<1	ND<2	Naphthalene n-Butylbenzene Propylbenzene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	5 1.8 4 8.4 24
	B-5-3f	Soil Boring from Soil and Groundwater Investigation at 3 feet	ND<0.97	0.0054	ND <0.0051	ND <0.0051	ND <0.0051	ND <0.0051	NA	ND <0.0051	ND <0.0051	ND <0.0051	ND<0.01	Acetone	0.029
	B-5-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	12	0.19	0.038	0.13	0.345	ND <0.0049	NA	ND <0.0049	ND <0.0049	ND <0.0049	ND <0.0098	Acetone 2-Butanone Isopropylbenzene Naphthalene Propylbenzene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	0.028 0.011 0.0056 0.0067 0.017 0.026 0.061
	B-6-3f	Soil Boring from Soil and Groundwater Investigation at 3 feet	35	2.5	ND<0.13	4.11	ND<0.13	ND <0.13	NA	ND <0.13	ND >0.13	ND <0.13	ND <0.25	1,2,4-Trimethylbenzene	0.19
	B-6-7f	Soil Boring from Soil and Groundwater Investigation at 7 feet	190	2.6	2.7	15.2	ND<0.52	ND <0.25	NA	ND <0.25	ND <0.25	ND <0.25	ND<0.5	Naphthalene n-Butylbenzene Propylbenzene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene	1.5 0.51 1.1 2.4 7

TPHg – Total Petroleum Hydrocarbons as gasoline
MTBE – Methyl Tertiary Butyl Ether
PCE – Tetrachloroethene
ND – Not Detected (Below Laboratory Detection Limit)
a – Soil samples were analyzed by Erickson Analytical
c – Soil samples were analyzed by Superior Analytical Laboratories, Inc.
e – Soil samples were analyzed by Priority Environmental Labs
* Laboratory was not State certified since January 30, 1998

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
cis-1,2-Dichl – cis-1,2-Dichloroethene
TCE – Trichloroethene
NA – Not Analyzed
b – Soil samples were analyzed by Mobile Chem Labs
d – Soil samples were analyzed by Anametrix, Inc.
f – Soil samples were analyzed by Curtis & Tompkins

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
8/03/89*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	470000	16000	29000	4200	29000	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	2700	88	8	ND<0.5	210	NA	NA	NA	NA	Not Analyzed
12/08/89*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	33000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
1/03/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	99000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	900	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	800	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
1/15/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	16000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	840	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
1/17/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	15000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	160	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
2/02/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	N<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	16000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	60	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	130	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
2/08/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	7000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	100	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	140	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
2/19/90	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	26000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	30	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	200	NA	NA	NA	NA	NA	NA	NA	NA	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
3/06/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	65	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	30000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	600	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	120	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
3/13/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	30000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	360	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	100	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
4/06/90*	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	42000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	3000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	400	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
11/27/90a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	160000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	4400	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	55	NA	NA	NA	NA	NA	NA	NA	NA	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
12/18/90a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	33000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	66	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
1/11/91a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	14000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	370	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
2/06/91a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	11000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
3/06/91b	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	55000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	1100	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	120	NA	NA	NA	NA	NA	NA	NA	NA	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
3/29/91a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	31000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	57	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
4/23/91a	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	28000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	86	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
1/01/92c	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	3300	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NA	NA	NA	NA	Not Analyzed
1/10/92c	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	20000	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	830	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NA	NA	NA	NA	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
2/21/92d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	8900	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NA	NA	NA	NA	Not Analyzed
3/09/92e	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	2100	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NA	NA	NA	NA	Not Analyzed
3/20/92e	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-2	Storm Drain Outlet	650	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NA	NA	NA	NA	Not Analyzed
12/14/92d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	C-2	Storm Drain Outlet	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	280	NA	NA	NA	NA	280	NA	NA	NA	Not Analyzed
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	TPHg	B	T	E	X	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs	
1/23/93d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	Not Analyzed	
	C-2	Storm Drain Outlet	450	1.6	3.1	4.2	17	NA	NA	NA	NA	Not Analyzed	
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	190	0.8	2.6	3.6	9.5	NA	NA	NA	NA	Not Analyzed	
	C-4	50 feet Down-Stream from the Storm Drain	57	ND <0.5	ND <0.5	1.4	3.6	NA	NA	NA	NA	Not Analyzed	
2/29/96d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	130	0.9	ND <0.5	1.4	6.2	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-2	Storm Drain Outlet	2700	7.2	3.3	5.8	13	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
6/07/96d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-2	Storm Drain Outlet	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	63	69	ND<0.5	Chloroform	19
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-4	50 feet Down-Stream from the Storm Drain	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
1/12/99d	C-1	Approximately 20 feet Up-Stream from the Storm Drain Outlet	ND<80	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-2	Storm Drain Outlet	ND<80	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	None Detected	<0.5
	C-3	Confluence of the Storm Drain Flow and El Cerrito Creek	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled	
	C-4	50 feet Down-Stream from the Storm Drain	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled	

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

TPHg – Total Petroleum Hydrocarbon as gasoline
cis-1,2-Dichl – cis-1,2-Dichloroethene
TEC – Trichloroethene
ND – Not Detected (Below Laboratory Detection Limit)
NS – Not Sampled
a – Samples were analyzed by Anametrix, Inc.
b – Samples were analyzed by Superior Analytical Laboratory
c – Samples were analyzed by Chromalab, Inc.
d – Samples were analyzed by Priority Environmental Labs
e – Samples were analyzed by Geochem Labs

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
PCE – Tetrachloroethene
VOCs – Volatile Organic Compounds
NA – Not Analyzed
* Samples were collected by other previous consultants

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
8/03/89a	MW-1	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	16000	1800	1800	1200	210	NA	NA	NA	NA	NA	Not Analyzed
	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	80000	9100	12000	7100	460	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	71000	20000	21000	7900	580	NA	NA	NA	NA	NA	Not Analyzed
	MW-4	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	14000	2000	1500	1000	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed
12/08/89b	MW-1	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	ND<50	21	12	17	7.7	NA	NA	NA	NA	NA	Not Analyzed
	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	13000	13000	8400	750	2500	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	MW-4	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
1/13/90b	MW-1	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	ND<50	6300	530	410	900	NA	NA	NA	NA	NA	Not Analyzed
	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	MW-4	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
2/02/90b	MW-1	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	N<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	NA	Not Analyzed
	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	7200	3500	80	240	270	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	MW-4	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
3/06/90b	MW-1	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	NA	NA	NA	NA	NA	Not Analyzed
	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	4100	1900	160	140	250	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
	MW-4	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Not Analyzed
11/10/90c	1	Grab water from shallow groundwater from additional excavation	ND<50	0.4	0.7	0.3	1	NA	NA	NA	NA	NA	Not Analyzed
3/13/91d	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	25000	2600	4400	ND <0.5	5800	NA	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	47000	9100	9900	270	8110	NA	NA	NA	NA	NA	Not Analyzed
	STMW-1	Monitoring well installed by STE during supplemental subsurface investigation	850	100	7	ND<0.5	150	NA	NA	NA	NA	NA	Not Analyzed
	STMW-2	Monitoring well installed by STE during supplemental subsurface investigation	170	1	1.7	ND <0.5	28	NA	NA	NA	NA	NA	Not Analyzed

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
3/11/91d	OTMW-5	Off-site monitoring well installed by Subsurface Consultants Inc. during preliminary soil and groundwater investigation	120	46	12	1	4	NA	NA	NA	NA	NA	Not Analyzed
10/08/91b	#1	Semi-treated groundwater conducted during PG&E gas line construction (effluent form 10000 gallon tank)	300	2.4	8.3	3	5.2	NA	NA	NA	NA	NA	Not Analyzed
	#2	Semi-treated groundwater conducted during PG&E gas line construction (outlet of storm drain into El Cerrito Creek)	70	1.8	4.4	0.6	1	NA	NA	NA	NA	NA	Not Analyzed
	#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)	ND<50	2.2	8.2	1	2	NA	NA	NA	NA	NA	Not Analyzed
11/04/96e	W-1	Storm drain outlet	1300	7.8	1.7	11	14	ND<0.5	NA	NA	NA	NA	Not Analyzed
	W-2	50' down-gradient from storm drain	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed
	W-3	500' from storm drain outlet on Adams Street	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed
11/14/96e	MW-2	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed
	MW-3	Monitoring well installed by Subsurface Consultants Inc. during preliminary soil & groundwater investigation	33000	320	130	250	620	ND<0.5	NA	NA	NA	NA	Not Analyzed

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
11/14/96e	STMW-1	Monitoring well installed by STE during supplemental subsurface investigation	140000	480	490	420	1200	ND<0.5	NA	NA	NA	NA	Not Analyzed
	STMW-2	Monitoring well installed by STE during supplemental subsurface investigation	39000	380	230	270	720	ND<0.5	NA	NA	NA	NA	Not Analyzed
	STMW-3	Monitoring well installed by STE during additional subsurface investigation	240	9.1	2.8	4.7	13	ND<0.5	NA	NA	NA	NA	Not Analyzed
	STMW-4	Monitoring well installed by STE during additional subsurface investigation	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed
	STMW-5	Monitoring well installed by STE during additional subsurface investigation	ND<50	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed
10/01/99e	OB-2	Observation well located in the vicinity of former tank excavation (during limited groundwater sampling)	350	14	2.7	0.8	1.3	33	ND <0.5	ND <0.5	ND <0.5	ND <0.5	tert-Butanol 63
5/29/02f	B-1-W	Grab groundwater sample from borehole during soil and groundwater investigation	2000	150	28	120	325	ND<0.5	ND<5	ND<5	ND<5	ND<5	Isopropylbenzene 6.2 Naphthalene 13 n-Butylbenzene 5 Propylbenzene 22 1,3,5-Trimethylbenzene 41 1,2,4-Trimethylbenzene 130
	B-2-W	Grab groundwater sample from borehole during soil and groundwater investigation	4200	310	370	89	390	ND<0.5	ND<13	ND<13	ND<13	ND<13	Isopropylbenzene 22 Naphthalene 20 n-Butylbenzene 16 Propylbenzene 79 1,3,5-Trimethylbenzene 27 1,3,4-Trimethylbenzene 86

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

Date	Sample Number	Originated From	TPHg	B	T	E	X	MTBE	cis-1,2-Dichl	PCE	TCE	Vinyl Chloride	Other VOCs
5/29/02f	B-5-W	Grab groundwater sample from borehole during soil and groundwater investigation	35000	5800	2900	1200	4170	ND <170	ND <170	ND <170	ND <170	ND <170	1,3,5-Trimethylbenzene 170 1,2,4-Trimethylbenzene 570
	B-6-W	Grab groundwater sample from borehole during soil and groundwater investigation	12000	1400	1600	300	1380	1000	ND <42	ND <42	ND <24	ND<24	1,3,5-Trimethylbenzene 73 1,3,4-Trimethylbenzene 240

TPHg – Total Petroleum Hydrocarbon as gasoline
cis-1,2-Dichl – cis-1,2-Dichloroethene
TEC – Trichloroethene
ND – Not Detected (Below Laboratory Detection Limit)
a – Samples were analyzed by GTEL Environmental Laboratories, Inc.
b – Samples were analyzed by Precision Analytical Laboratory, Inc.
c – Samples were analyzed by Superior Analytical Laboratory, Inc.
d – Samples were analyzed by Anametrix, Inc.
e – Samples were analyzed by Priority Environmental Labs
f – Samples were analyzed by Curtis & Tompkins

BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
PCE – Tetrachloroethene
VOCs – Volatile Organic Compounds
NA – Not Analyzed

File No. 8-90-421-SI

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
3/11/91a	STMW-1 (100.62)	14	4	5.29*	95.33	850	100	7	ND <05	150	NA	NA	NA	NA	NA	Not Analyzed	
7/03/91a				5.10*	95.52	5100	1800	500	95	560	NA	NA	NA	NA	NA	Not Analyzed	
11/04/91b				5.83*	94.79	2055	760	54	ND<5	56	NA	NA	NA	NA	NA	Not Analyzed	
1/20/92c				5.79*	94.83	4600	590	36	ND<0.5	190	NA	NA	NA	NA	NA	Not Analyzed	
5/07/92d				5.80*	94.82	4400	66	53	4	460	NA	NA	NA	NA	NA	Not Analyzed	
8/17/92e				5.77*	94.85	2700	31	18	19	67	NA	NA	NA	NA	NA	Not Analyzed	
12/10/92e				6.61*	94.01	35000	54	79	83	220	NA	NA	NA	NA	NA	Not Analyzed	
3/18/93e				6.68*	93.94	19000	49	52	55	180	NA	NA	NA	NA	NA	Not Analyzed	
7/13/93e				7.13*	93.49	17000	34	43	48	170	NA	NA	NA	NA	NA	Not Analyzed	
10/11/93f				7.26*	93.36	51000	2100	2400	530	2600	NA	NA	NA	NA	NA	Not Analyzed	
1/07/94f				7.15*	93.47	29000	1500	1600	450	2500	NA	NA	NA	NA	NA	Not Analyzed	
4/16/94f				7.10*	93.52	20000	1100	560	3300	1600	NA	NA	NA	NA	NA	Not Analyzed	
8/03/94g				5.70*	94.92	43000	1000	1700	640	4700	NA	NA	NA	NA	NA	Not Analyzed	
11/08/94g				6.47*	94.15	92000	9000	12000	1600	9100	NA	NA	NA	NA	NA	Not Analyzed	
2/16/95e				6.96*	93.66	150000	850	540	400	1200	NA	NA	NA	NA	NA	Not Analyzed	
5/19/95e				6.84*	93.78	59000	400	330	170	610	NA	NA	NA	NA	NA	Not Analyzed	
8/18/95e	(96.81) Resurvey			4.64*	92.17	300000	880	780	540	1700	NA	NA	NA	NA	NA	Not Analyzed	
11/30/95e				7.34*	89.47	67000	800	910	390	1500	NA	NA	NA	NA	NA	Not Analyzed	
2/29/96e				7.83*	88.98	71000	120	95	18	260	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
6/07/96e				7.10*	89.71	140000	480	490	420	120	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/14/96e				7.29*	89.52	140000	480	490	420	1200	ND<0.5	NA	NA	NA	NA	Not Analyzed	
2/12/97e				6.96*	89.85	42000	210	190	60	190	ND<0.5	NA	NA	NA	NA	Not Analyzed	
5/15/97e				7.33*	89.48	15000	83	27	45	130	NA	NA	NA	NA	NA	Not Analyzed	
8/27/97e				7.46*	89.35	82000	110	52	66	400	ND<0.5	NA	NA	NA	NA	Not Analyzed	
12/24/97e				6.94*	89.87	3700	43	18	9.1	25	ND<0.5	NA	NA	NA	NA	Not Analyzed	
3/24/98e				6.36*	90.45	10000	65	68	9	120	ND<0.5	NA	NA	NA	NA	Not Analyzed	
6/25/98e				6.94*	89.87	570	1.9	0.6	1.3	7.1	ND<0.5	NA	NA	NA	NA	Not Analyzed	
10/12/98e				7.18*	89.63	1000	2.4	2.1	3.2	6.9	ND<0.5	NA	NA	NA	NA	Not Analyzed	
1/12/99e				6.68*	90.13	6400	39	21	32	83	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				7.16*	89.65	2800	23	19	29	54	ND<0.5	NA	NA	NA	NA	Not Analyzed	

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B
8/28/03	STMW-1 (96.81)	14	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
11/24/03h				8.61*	88.20	180000	30000	47000	ND <5000	20000	ND <1000	ND <5000	ND <5000	ND <5000	ND <5000	None Detected <5000
3/02/04h				8.58*	88.23	84000	4200	5300	1800	9100	ND <100	ND <2.5	ND <2.5	ND<2.5	ND <2.5	1,2,4-Trimethylbenzne 3200 1,3,5-Trimethylbenzne 860 Isopropylbenzene 100 Naphthalene 580
5.28/04h				8.71*	88.10	99000	20000	27000	4000	22000	ND <500	ND <250	ND <250	ND <250	ND <250	1,2,4-Trimethylbenzene 2500
8/25/04h				8.64*	8817	100000	12000	18000	4000	22000	ND <400	ND <200	ND <200	ND <200	ND <200	1,2,4-Trimethylbenzene 4800
11/22/04h				8.48*	88.33	140000	12000	16000	4200	27000	ND <400	ND <200	ND <200	ND <200	ND <200	1,2,4- Trimethylbenzene 9000 1,3,5-Tiimethylbenzne 2500
3/02/05h				8.52*	88.29	70000	9000	8700	2600	16000	ND <400	ND <200	ND <200	ND <200	ND <200	1,2,4-Trimethylbenzene 4100
3/13/91a	STMW-2 (100.63)	14	4	5.25*	95.38	170	1	1.7	ND<0.5	28	NA	NA	NA	NA	NA	Not Analyzed
7/06/91a				4.75*	95.88	1800	640	48	44	94	NA	NA	NA	NA	NA	Not Analyzed
11/04/91b				5.92*	94.71	2143	1000	57	3	19	NA	NA	NA	NA	NA	Not Analyzed
1/20/92c				5.88*	94.75	14000	120	0.6	0.6	80	NA	NA	NA	NA	NA	Not Analyzed
5/07/92d				5.70*	94.93	1700	32	17	8.6	48	NA	NA	NA	NA	NA	Not Analyzed
8/17/92e				5.71*	94.92	16000	180	220	210	620	NA	NA	NA	NA	NA	Not Analyzed
12/10/92e				6.39*	94.24	44000	84	96	120	350	Na	NA	NA	NA	NA	Not Analyzed
3/18/93e				6.50*	94.13	9200	22	31	40	110	NA	NA	NA	NA	NA	Not Analyzed
7/13/93e				6.95*	93.10	9300	18	24	26	89	NA	NA	NA	NA	NA	Not Analyzed
10/1193f				7.09*	93.54	62000	2800	3900	670	4400	NA	NA	NA	NA	NA	Not Analyzed
1/07/94f				6.93*	93.70	22000	1100	1000	280	1800	NA	NA	NA	NA	NA	Not Analyzed
4/06/94f				6.84*	93.79	6600	490	140	62	330	NA	NA	NA	NA	NA	Not Analyzed
8/03/94g				7.10*	93.53	4000	250	52	55	240	NA	NA	NA	NA	NA	Not Analyzed
11/08/94g				6.19*	94.44	4000	250	52	55	240	NA	NA	NA	NA	NA	Not Analyzed
2/16/95e				6.72*	93.91	37000	230	88	92	320	Na	NA	NA	NA	NA	Not Analyzed
5/19/95e				6.61*	94.02	9300	40	16	22	68	Na	NA	NA	NA	NA	Not Analyzed
8/18/95e	(96.79) Resurvey			7.09*	89.70	2210000	720	550	520	1400	Na	NA	NA	NA	NA	Not Analyzed

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
11/30/95e	STMW-2 (96.79)	14	4	7.07*	89.72	66000	660	510	370	1500	NA	NA	NA	NA	NA	Not Analyzed	
2/29/96e				7.57*	89.22	33000	75	55	52	150	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
6/07/96e				6.74*	90.05	92000	250	75	180	470	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/14/96e				6.96*	89.83	39000	380	230	270	720	ND<0.5	NA	NA	NA	NA	Not Analyzed	
2/12/97e				6.71*	90.08	23000	110	28	48	140	ND<0.5	NA	NA	NA	NA	Not Analyzed	
5/15/97e				7.06*	89.73	30000	320	48	94	200	NA	NA	NA	NA	NA	Not Analyzed	
8/27/97e				7.20*	89.59	19000	82	9.1	18	27	ND<0.5	NA	NA	NA	NA	Not Analyzed	
12/24/97e				6.72*	90.07	4100	77	8.9	15	34	ND<0.5	NA	NA	NA	NA	Not Analyzed	
3/24/98e1				6.10*	90.69	3300	31	4.2	1.6	26	ND<0.5	NA	NA	Na	NA	Not Analyzed	
6/25/98e1				5.52*	91.27	2200	20	5.4	12	21	ND<0.5	NA	NA	NA	NA	Not Analyzed	
10/12/98e1				6.92*	89.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
1/12/99e1				6.90*	89.89	4500	24	14	15	49	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				9.98*	89.81	1500	19	12	21	37	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
8/28/03h				8.32*	88.47	15000	570	ND <100	430	500	ND<20	ND<100	ND<100	ND<100	ND<100	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene n-Propylbenzene Naphthalene	960 290 220 170
11/24/03h				9.62*	87.17	1200	100	ND<10	38	29	ND<2	ND<10	ND<10	ND<10	ND<10	1,2,4-Trimethylbenzne 1,3,5-Timethylbenzene n-Propylbenzene	40 16 32
3/02/04h				8.28*	88.51	4700i	430	6.5	140	90	ND<5	ND<25	ND<25	ND<25	ND<25	1,2,4-Trimethylbenzne 1,3,5-rimethylbenzne Isopropylbenzene n-Propylbenzene Naphthalene	120 45 19 71 41
5/28/04h				8.45*	88.34	9500	1600	42	280	220	ND<20	ND<100	ND<100	ND<100	ND<100	1,2,4-Trimethylbenzne 1,3,5-Trimethylbenzne n-Propylbenzene Naphthalene	230 130 180 120
8/25/04h				8.36*	88.43	4000	3400	8.5	150	87	ND<10	ND<5	ND<5	ND<5	ND<10	1,2,4-Trimethylbenzne 1,3,5-Trimethylbenzne n-Propylbenzene Naphthalene	160 73 91 51

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
11/22/04h	STMW-2 (96.79)	14	4	8.18*	88.61	11000	1200	33	490	380	ND<20	ND <100	ND <100	ND <100	ND <100	1,2,4-Trimethylbenzene 1,2,3-Trimethylbenzene n-Propylbenzene Naphthalene	510 210 200 240
3/02/05h				8.12*	88.67	6500	520	ND<20	160	69	ND<40	ND<20	ND<20	ND<20	ND<20	None Detected	<200
11/14/96e	STMW-3 (95.24)	15	2.5	5.34*	89.90	210	9.1	2.8	4.7	13	ND<0.5	NA	NA	NA	NA	Not Analyzed	
2/12/97e				5.14*	90.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
5/15/97e				5.42*	89.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed	
8/27/97e				5.58*	89.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
12/24/97e				5.14*	90.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
3/24/98e1				4.54*	90.70	13000	87	23	80	130	ND<0.5	NA	NA	NA	NA	Not Analyzed	
6/25/98e1				5.06*	90.18	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
10/12/98e1				5.30*	89.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
1/12/99e1				5.04*	90.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				5.28*	89.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
8/28/03h				6.64*	88.60	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
11/24/03h				7.04*	88.20	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
3/02/04h				6.46*	88.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
5/28/04h				6.71*	88.53	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
8/25/04h				6.64*	88.60	ND<25	0.84	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/22/04h				6.38*	88.86	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
3/02/05h				6.34*	88.90	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/14/96e	STMW-4 (94.49)	15	2	4.67*	89.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
2/12/97e				4.45*	89.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
5/15/97e				4.75*	89.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed	
8/27/97e				4.87*	89.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
12/24/97e				4.44*	89.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
3/24/98e1				3.88*	90.53	13000	87	23	80	130	ND<0.5	NA	NA	NA	NA	Not Analyzed	
6/25/98e1				4.40*	90.01	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
10/12/98e1				4.68*	89.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
1/12/99e1	STMW-4 (94.49)	15	2	4.38*	90.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	D<0.5	None Detected	<0.5
4/12/99e1				4.62*	89.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
8/28/03h				5.92*	88.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
11/24/03h				6.28*	88.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
3/02//04h				5.70*	88.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
5/28/04h				5.94*	88.47	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
8/25/04h				5.90*	88.50	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/22/04h				5.56*	88.85	ND<25	1.1	0.57	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
3/02/05h				5.60*	88.81	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.51	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/14/96e	STMW-5 (94.49)	15	2	5.20*	89.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
2/12/97e				4.99*	89.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
5/15/97e				5.30*	89.19	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed	
8/27/97e				5.33*	89.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	BA	BA	Not Analyzed	
12/24/97e				4.94*	89.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	Not Analyzed	
3/24/98e1				4.52*	89.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	Not Analyzed	
6/25/98e1				5.00*	89.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	Not Analyzed	
10/12/98e1				5.18*	89.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	Not Analyzed	
1/12/99e1				5.02*	89.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				5.38*	89.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
8/28/03h				6.62*	87.87	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
11/24/03h				6.84*	87.65	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
3/02/04h				6.26*	88.23	62j	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	1.9	ND<0.5	ND<0.5	None Detected	<0.5
5/28/04h				6.52*	87.479	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	1.6	ND<0.5	ND<0.5	None Detected	<0.5
8/25/04h				6.50*	87.99	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	1.4	ND<0.5	ND<0.5	None Detected	<0.5
11/22/04h				6.08*	88.41	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	2.1	0.6	ND<0.5	None Detected	<0.5
3/02/05h				6.14*	88.35	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	2	0.5	ND<0.5	None Detected	<0.5
3/13/91a	MW-2 (99.36)	11.50	5	4.29*	95.07	25000	2600	4400	ND<0.5	5800	NA	NA	NA	NA	NA	Not Analyzed	
7/03/91a				5.83*	93.53	21000	2800	3200	ND<0.5	4300	NA	NA	NA	NA	NA	Not Analyzed	
11/04/91b				4.79*	94.57	3589	1700	119	9	56	NA	NA	NA	NA	NA	Not Analyzed	
1/20/92e				4.60*	94.76	380	38	1.3	ND<0.5	34	NA	NA	NA	NA	NA	Not Analyzed	

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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
5/27/92d	MW-2 (99.36)	11.50	5	4.42*	94.94	10000	62	32	44	160	NA	NA	NA	NA	NA	Not Analyzed	
8/27/92e				4.43*	94.96	6000	48	27	65	180	NA	NA	NA	NA	NA	Not Analyzed	
12/10/92e				4.94*	94.45	7200	15	23	32	82	NA	NA	NA	NA	NA	Not Analyzed	
3/18/93e				5.11*	94.28	1400	8.3	11	13	48	NA	NA	NA	NA	NA	Not Analyzed	
7/13/93e				5.53*	93.86	2400	4.7	6.2	6.8	25	NA	NA	NA	NA	NA	Not Analyzed	
10/11/93f				5.64*	93.75	410	43	2.6	4.5	12	NA	NA	NA	NA	NA	Not Analyzed	
1/07/94f				5.52*	93.87	240	25	3.1	ND<0.5	20	NA	NA	NA	NA	NA	Not Analyzed	
4/06/94f				5.82*	93.57	3000	120	23	22	190	NA	NA	NA	NA	NA	Not Analyzed	
8/03/94g				7.47*	91.92	500	57	1	17	25	NA	NA	NA	NA	NA	Not Analyzed	
11/08/94g				4.69*	94.70	8000	650	85	50	1000	NA	NA	NA	NA	NA	Not Analyzed	
2/16/95e				5.31*	94.08	660	6.4	1	5.6	8.9	NA	NA	NA	NA	NA	Not Analyzed	
5/19/95e				5.17*	94.22	1900	11	10	23	26	NA	NA	NA	NA	NA	Not Analyzed	
8/18/95e	(95.22) Resurvey			5.65*	89.57	1800	15	1.6	15	20	NA	NA	NA	NA	NA	Not Analyzed	
11/30/95e				5.64*	89.58	120	9.3	ND<0.5	0.5	3.5	NA	NA	NA	NA	NA	Not Analyzed	
2/29/96e				4.61*	90.61	1200	6.1	1.2	6.2	8.7	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
6/07/96e				5.37*	89.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	ND<0.5NA	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/14/96e				5.55*	89.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
2/12/97e				5.14*	90.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
5/15/97e				5.63*	89.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
8/27/97e				5.73*	89.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
12/24/97e				5.30*	89.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
3/24/98e1				4.76*	90.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
6/25/98e1				5.28*	89.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
10/12/98e1				5.50*	89.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
1/12/99e1				5.28*	89.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				5.54*	89.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	Not Analyzed	
8/28/03h				6.86*	88.36	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
11/24/03h				7.20*	88.02	ND<50	ND<5	ND<5	ND<5	ND<5	ND<1	ND<5	ND<5	ND<5	ND<5	None Detected	<5
3/02/04h				6.64*	88.58	110k	27	ND<05	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
5/28/04h				6.86*	88.36	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
8/25/04h				6.82*	88.40	ND<25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
11/22/04h				6.52*	88.70	ND<25	ND<0.5	ND<0.5	ND<05	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B	
3/02/05	MW-2 (95.22)	11.50	5	6.52*	88.70	ND<25	ND<0.5	ND<0.5	ND<05	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
3/13/91a	MW-3 (100.09)	12	5	4.67*	95.42	47000	9100	9900	270	8110	NA	NA	NA	NA	NA	Not Analyzed	
7/03/91a				5.75*	94.34	40000	12000	4500	1200	4000	NA	NA	NA	NA	NA	Not Analyzed	
11/04/91b				5.67*	94.42	102700	38800	19100	3200	8300	NA	NA	NA	NA	NA	Not Analyzed	
1/20/92c				5.54*	94.55	510000	27000	27000	5800	45000	NA	NA	NA	NA	NA	Not Analyzed	
5/07/92d				5.18*	9491	43000	250	230	120	470	NA	NA	NA	NA	NA	Not Analyzed	
8/17/92e				5.24*	94.85	140000	2500	2400	1700	5500	NA	NA	NA	NA	NA	Not Analyzed	
12/10/92e				4.42*	95.67	94000	400	410	430	1100	NA	NA	NA	NA	NA	Not Analyzed	
3/18/93e				5.39*	94.70	51000	92	130	160	590	NA	NA	NA	NA	NA	Not Analyzed	
7/13/93e				6.07*	94.02	80000	160	210	230	820	NA	NA	NA	NA	NA	Not Analyzed	
10/11/93f				6.34*	93.75	180000	14000	8800	320	9400	NA	NA	NA	NA	NA	Not Analyzed	
1/07/94f				6.34*	93.75	120000	9500	4600	230	7800	NA	NA	NA	NA	NA	Not Analyzed	
4/06/94f				6.14*	93.95	96000	6000	3100	95	6200	NA	NA	NA	NA	NA	Not Analyzed	
8/03/94g				6.34*	93.75	200000	6500	5700	1500	18000	NA	NA	NA	NA	NA	Not Analyzed	
11/08/94g				3.89*	96.20	86000	7400	8500	2200	12000	NA	NA	NA	NA	NA	Not Analyzed	
2/16/95e				5.90*	94.19	59000	280	120	120	570	NA	NA	NA	NA	NA	Not Analyzed	
5/19/95e				4.15*	95.94	12000	150	68	69	160	NA	NA	NA	NA	NA	Not Analyzed	
8/18/95e	(95.62) Resurvey			6.08*	89.54	33000	74	28	38	100	NA	NA	NA	NA	NA	Not Analyzed	
11/30/95e				6.26*	89.36	100000	1300	510	250	2400	NA	NA	NA	NA	NA	Not Analyzed	
2/29/96e				4.37*	91.25	15000	12	3.8	10	24	NA	35	80	110	ND<0.5	Chloroform	160
6/07/96e				5.90*	89.72	5200	23	6.9	14	34	NA	ND<0.5	61	110	ND<0.5	Chloroform	31
11/14/96e				6.14*	89.48	33000	320	130	250	620	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
2/12/97e				4.45*	91.17	15000	43	9	20	41	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
5/15/97e				5.77*	89.85	15000	68	30	60	110	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
8/27/97e				5.98*	89.64	15000	22	5.2	9.7	19	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	Not Detected	<0.5
12/24/97e				5.70*	89.92	15000	150	10	81	110	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
3/24/98e1				5.06*	90.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
6/25/98e1				5.66*	89.96	23000	100	22	86	130	ND<0.5	ND<5	ND<5	ND<5	ND<5	None Detected	<5
10/12/98e1				5.18*	90.44	23000	26	21	48	210	ND<0.5	ND<5	ND<5	ND<5	ND<5	None Detected	<5
1/12/99e1				5.42*	90.20	7200	48	32	44	99	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<0.5
4/12/99e1				6.02*	89.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	None Detected	<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.	TPHg	B	T	E	X	MTBE	cis-1,2 Dichl	PCE	TCE	Vinyl Chloride	Other VOCs by EPA 8260B
8/28/03h	MW-3 (95.62)	12	5	8.64*	86.98	2600	54	ND<25	110	61	ND<5	ND<25	ND<25	ND<25	ND<25	1,2,4-Trimethylbenzene 190 1,3,5-Trimethylbenzene 38 n-Propylbenzene 40 Naphthalene 29
11/24/03h				7.96*	87.66	2800	64	ND<25	140	44	ND<5	ND<25	ND<25	ND<25	ND<25	1,2,4-Trimethylbenzene 120 1,3,5-Trimethylbenzene 30 n-Propylbenzene 55
3/02/04h				6.36*	89.26	580	11	ND<5	ND<5	ND<10	ND<10	440	850	190	5.3	None Detected <5
5/28/04h				7.82*	87.80	2900	ND<25	ND<25	ND<25	ND<50	ND<50	1200	2600	630	ND<25	None Detected <25
8/25/04h				7.80*	87.82	870	23	ND<5	13	ND<10	ND<10	740	5.2	8.8	170	None Detected <5
11/22/04h				5.98*	89.64	1200m	14	ND<10	ND<10	ND<10	ND<20	460	790	210	ND<10	None Detected <10
3/02/05h				5.80*	89.82	3600m	ND<50	ND<50	ND<50	ND<50	ND <100	1200	2500	480	ND<50	None Detected <50
3/13/91a	OTMW-5 (100.87)	N/A	N/A	5.02	95.85	120	460	12	1	4	NA	NA	NA	NA	NA	Not Analyzed
7/03/91a				5.75	95.12	810	320	43	16	43	NA	NA	NA	NA	NA	Not Analyzed
11/04/91b				5.77	95.10	971	100	19	5	13	NA	NA	NA	NA	NA	Not Analyzed
1/20/91c				5.58	95.29	90	0.7	0.7	ND<0.5	11	NA	NA	NA	NA	NA	Not Analyzed
5/07/92d				5.43	95.44	180	27	14	8.2	35	NA	NA	NA	NA	NA	Not Analyzed
8/17/92e				5.45	95.42	87	12	9.8	4	42	NA	NA	NA	NA	NA	Not Analyzed
12/10/92e				7.30	93.57	540	4.7	4.5	6.4	19	NA	NA	NA	NA	NA	Not Analyzed
3/18/93e				7.11	93.76	570	6	7.6	11	29	NA	NA	NA	NA	NA	Not Analyzed
7/13/93e				7.45	93.42	3500	6.8	8.6	9.5	36	NA	NA	NA	NA	NA	Not Analyzed
10/11/93f				7.65	93.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed
1/07/94f				7.67	93.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed
8/17/92e	OTMW-6 (N/A)	N/A	N/A	4.88	N/A	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	Not Analyzed

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

TPHg – Total Petroleum Hydrocarbons as gasoline
MTBE – Methyl Tertiary Butyl Ether
Perf. – Perforation
PCE – Tetrachloroethene
NS – Not Sampled
ND – Not Detected (Below Laboratory Detection Limit)
* Well screens are not submerged
BTEX – Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. – Groundwater Elevation
cis-1,2-Dichl – cis-1,2-Dichloroethene
TCE – Trichloroethene
NA – Not Analyzed
N/A – Not Available
* Well screens are submerged

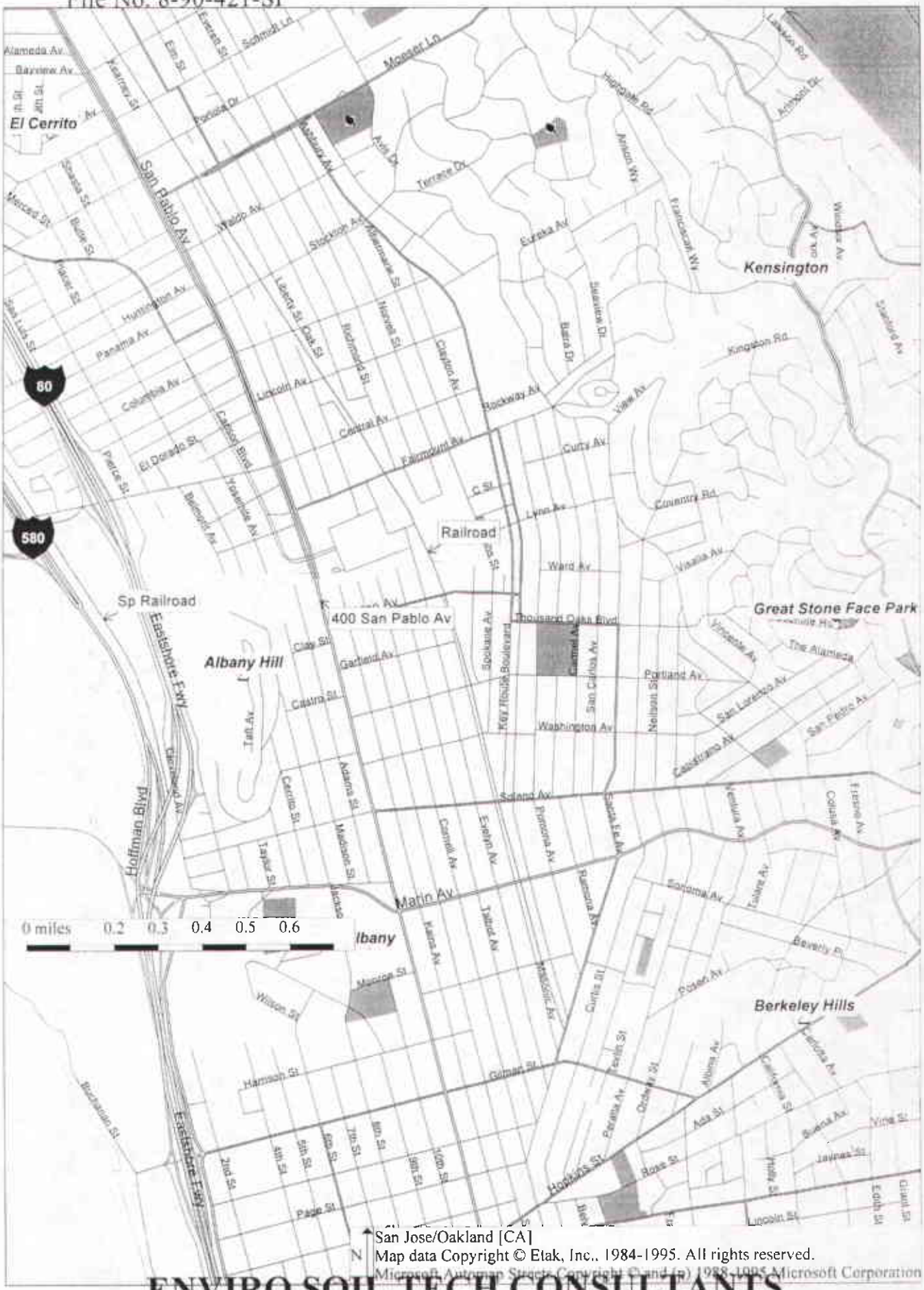
a – Laboratory analyses were analyzed by Anametrix Inc.
b – Laboratory analyses were analyzed by Carter Analytical Laboratory
c – Laboratory analyses were analyzed by Chromalab, Inc.
d – Laboratory analyses were analyzed by Geochem Labs
e – Laboratory analyses were analyzed by Priority Environmental 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
i – TPH as gasoline value reported possibly aged gasoline
j – TPH as gasoline reported value is the result of higher boiling point compounds within the TPH as gasoline quantitation range
k – TPH as gasoline reported value is the results of a high concentration of Benzene and of higher boiling point compounds within TPH as gasoline quantitation range
l – TPH as gasoline value is the result of discrete peaks within the TPH as gasoline quantitation range
m – A typical pattern. No indication of gasoline
1 – 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

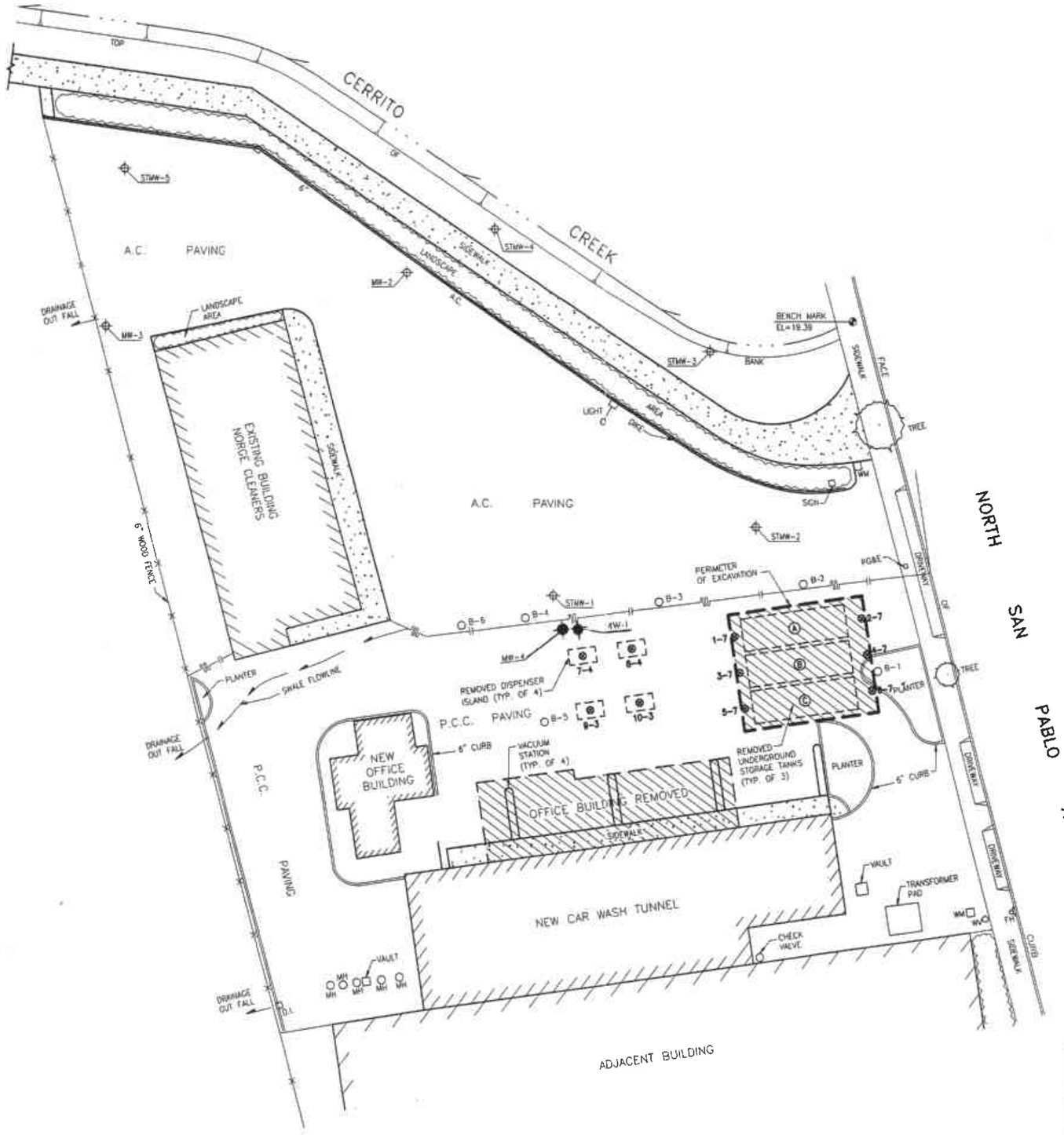
File No. 8-90-421-SI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1



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

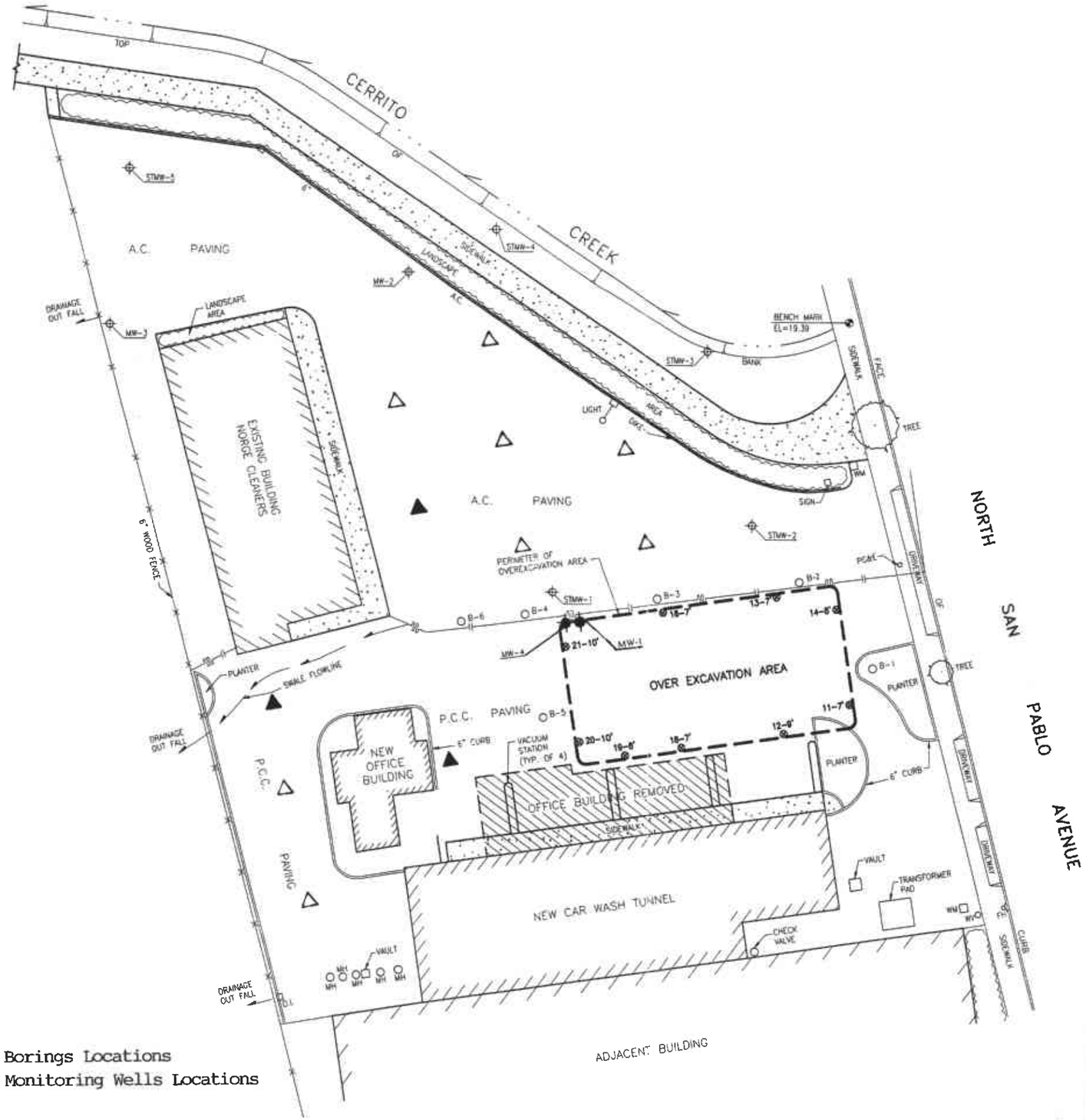
LEGEND:

- ⊗ 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
DP	BG	FH	09/29/03	Albany 092903.dwg



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

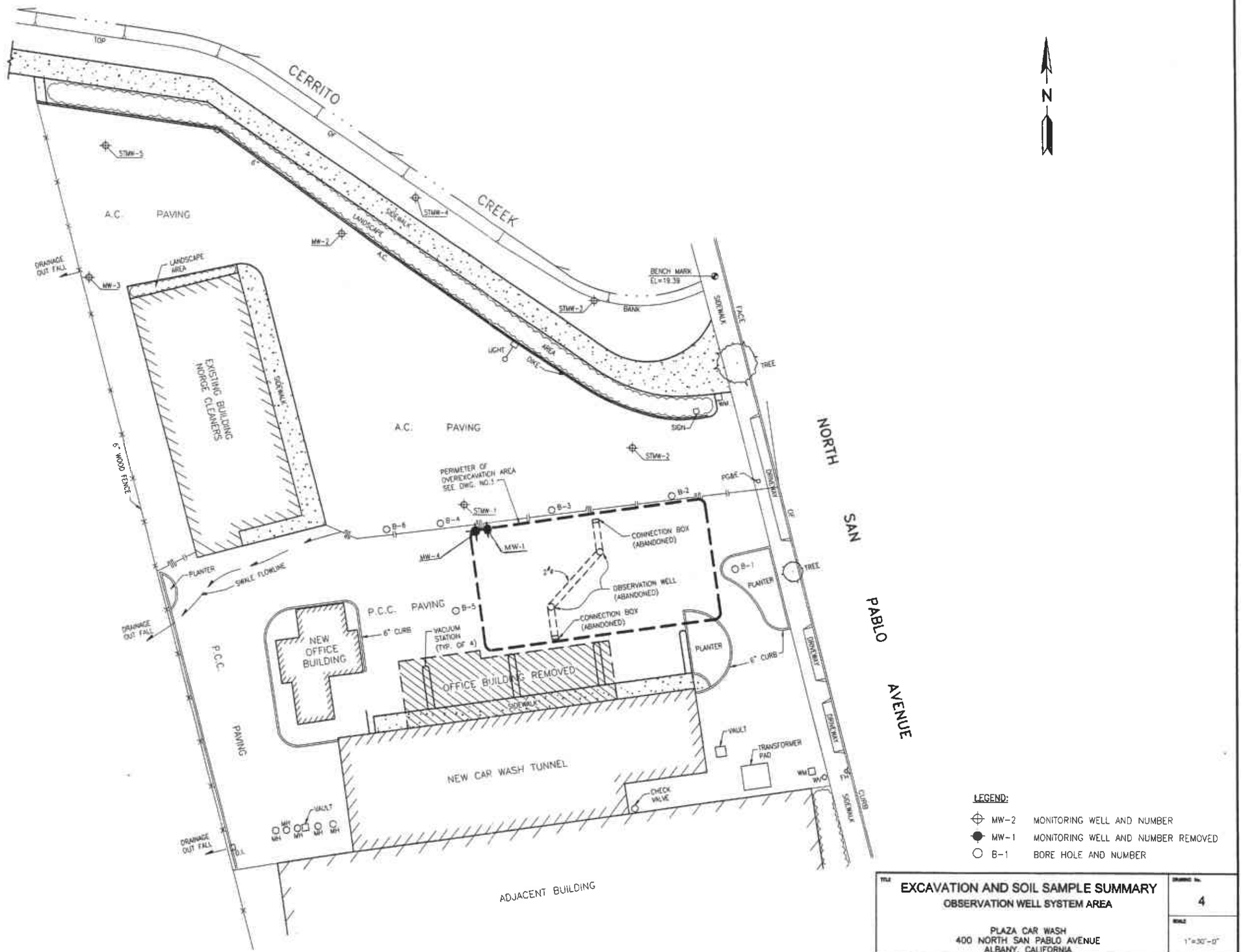
EXCAVATION AND SOIL SAMPLE SUMMARY
OVER EXCAVATION AREA

PLAZA CAR WASH
400 NORTH SAN PABLO AVENUE
ALBANY, CALIFORNIA

DRAWING No. 3

SCALE 1"=30'-0"

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



LEGEND:

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

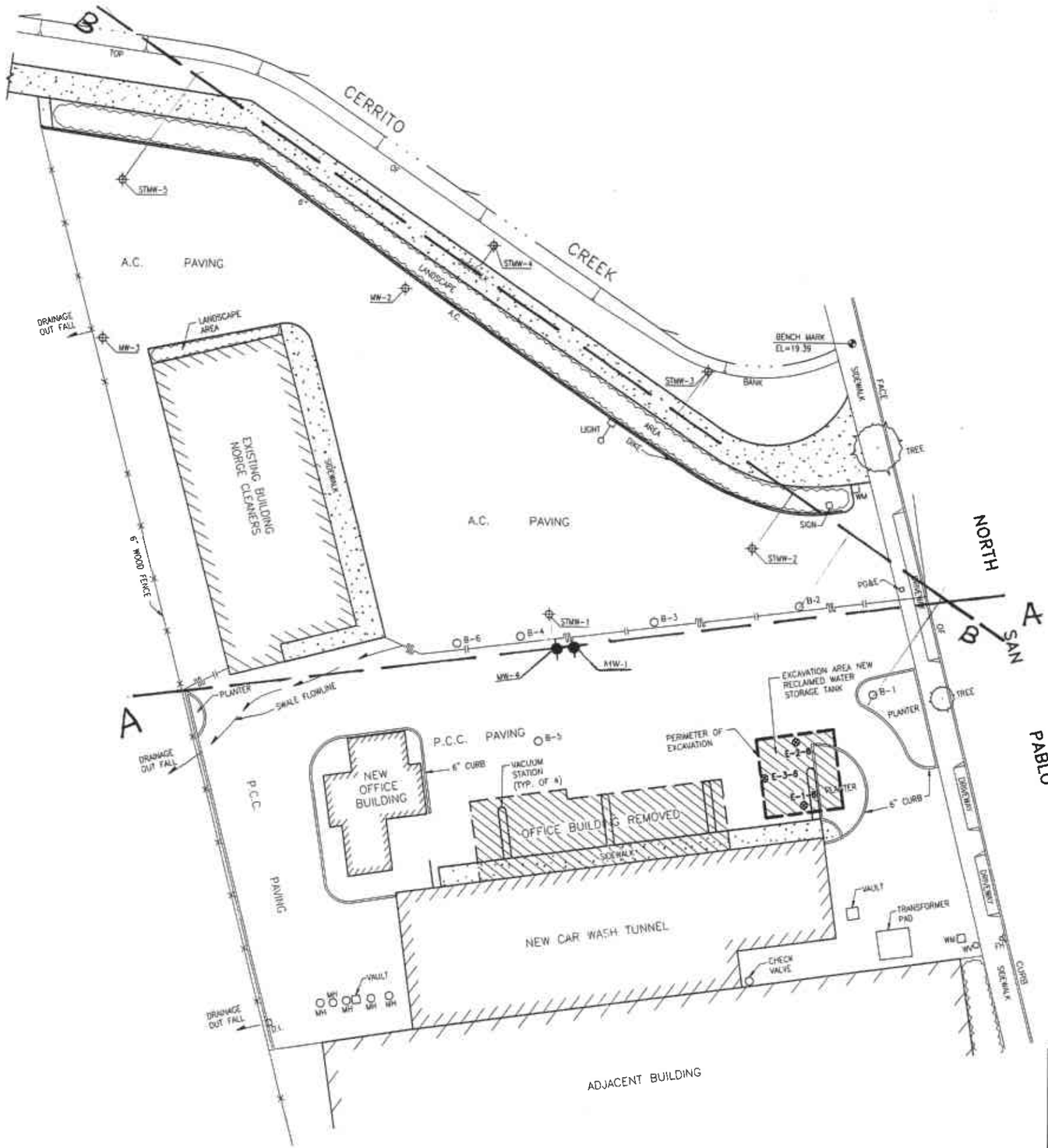
TITLE: **EXCAVATION AND SOIL SAMPLE SUMMARY**
OBSERVATION WELL SYSTEM AREA

PLAZA CAR WASH
400 NORTH SAN PABLO AVENUE
ALBANY, CALIFORNIA

DRAWING No. 4

SCALE 1"=30'-0"

DESIGN	DRAWN	CHECKED	DATE	CADD FILE NAME
DR	BG	FH	09/29/03	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:

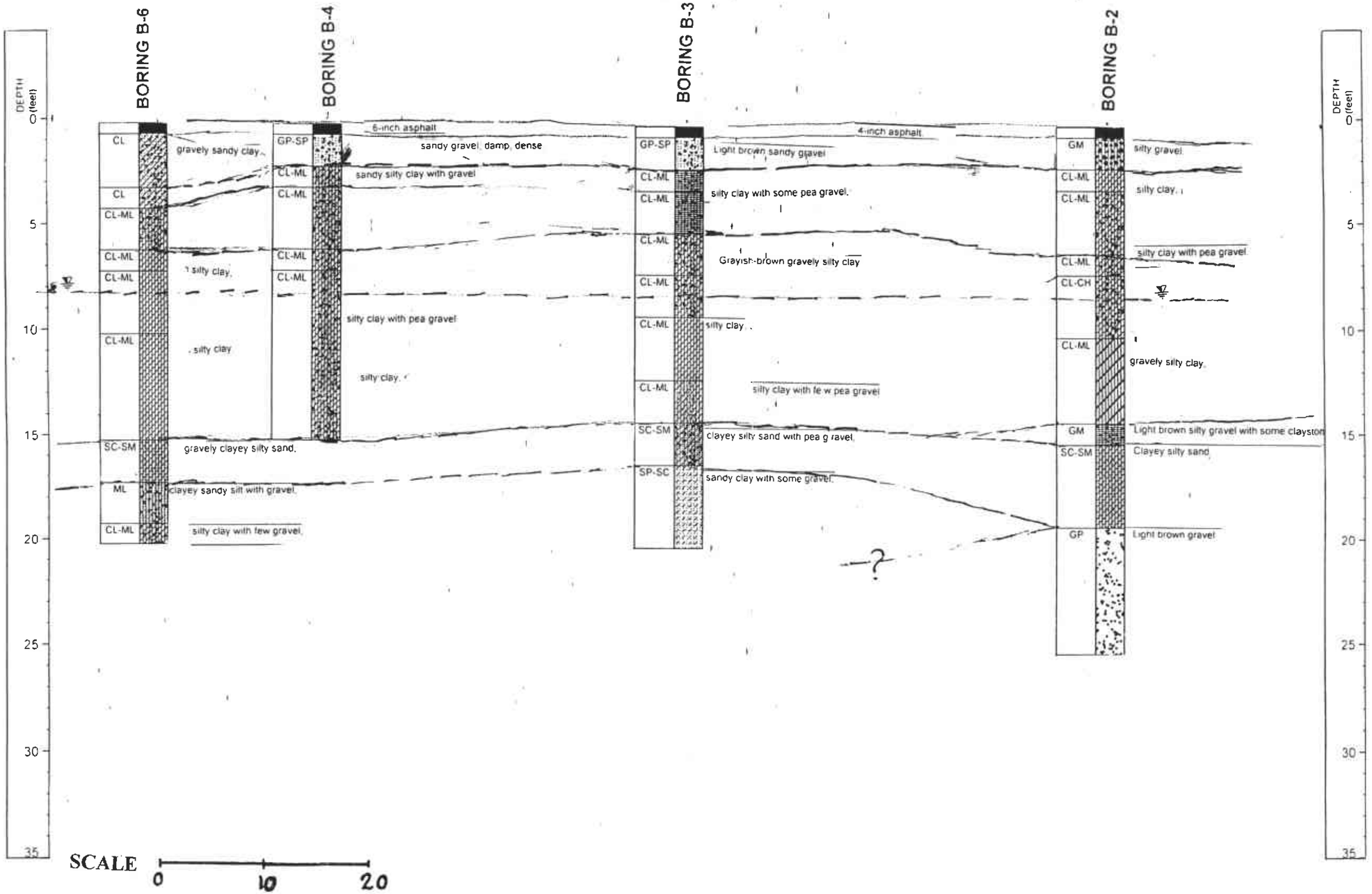
- ⊗ 1-7 SOIL SAMPLE – SEE TABLE ABOVE
- ⊕ MW-2 MONITORING WELL AND NUMBER
- ● MW-1 MONITORING WELL AND NUMBER REMOVED
- ○ B-1 BORE HOLE AND NUMBER

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"

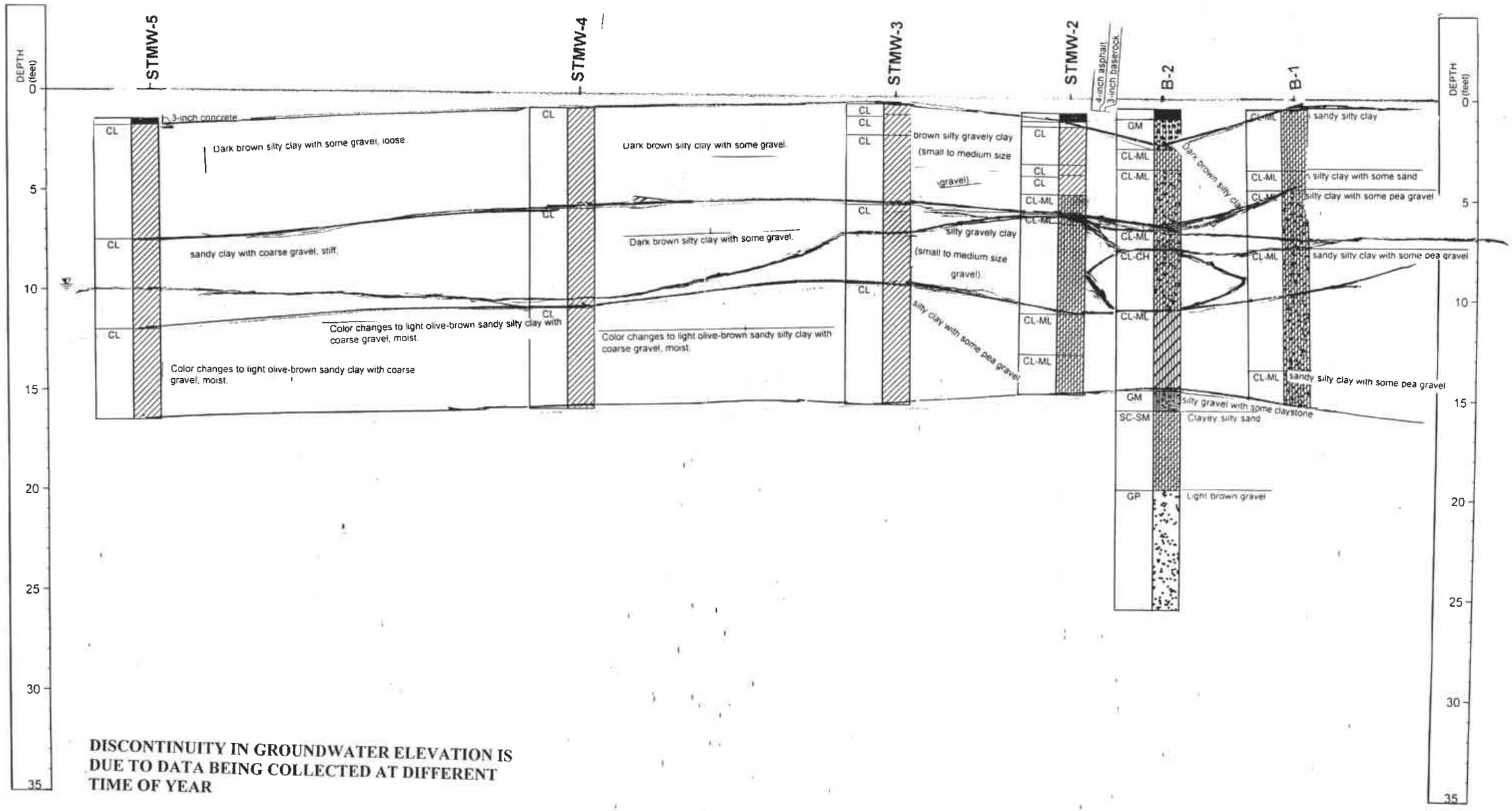
DESIGN	DRAWN	CHECKED	DATE	CADD FILE NAME
DP	BG	FH	09/29/03	Albany 092903.dwg

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

LARGE MAP REMOVED

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-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 (psi)
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											
	Medium brown silty gravely clay (small to medium size gravel).	CL											
5	Dark brown to black silty clay.	CL-ML				▽	5	2-5					
	Black silty clay with some pea gravel, stiff, petroleum odor.	CL-ML				▽							
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: 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.	CL											
	Light brown silty gravely clay.												
	Dark brown to black sandy clay with some small and medium size gravel.	CL											
		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: 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	SAMPLES 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						2-3					
	Dark brown silty clay, petroleum odor.	CL-ML											
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 (psi)
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 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-4

DEPTH (feet)	MATERIAL DESCRIPTION	USCS	SOIL GRAPHIC	WELL GRAPHIC	PID, ppm	WATER LEVEL	DEPTH (feet)	SAMPLES NUMBER	SAMPLES 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									4-2-4			
	Dark brown sandy silty clay with gravel.	CL-ML									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, sitff.						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 polyethiene lube
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											
	Dark brown silty clay with few gravel, damp, stiff.	CL-ML											
20	Boring terminated.						20						
25							25						
30							30						
35							35						

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

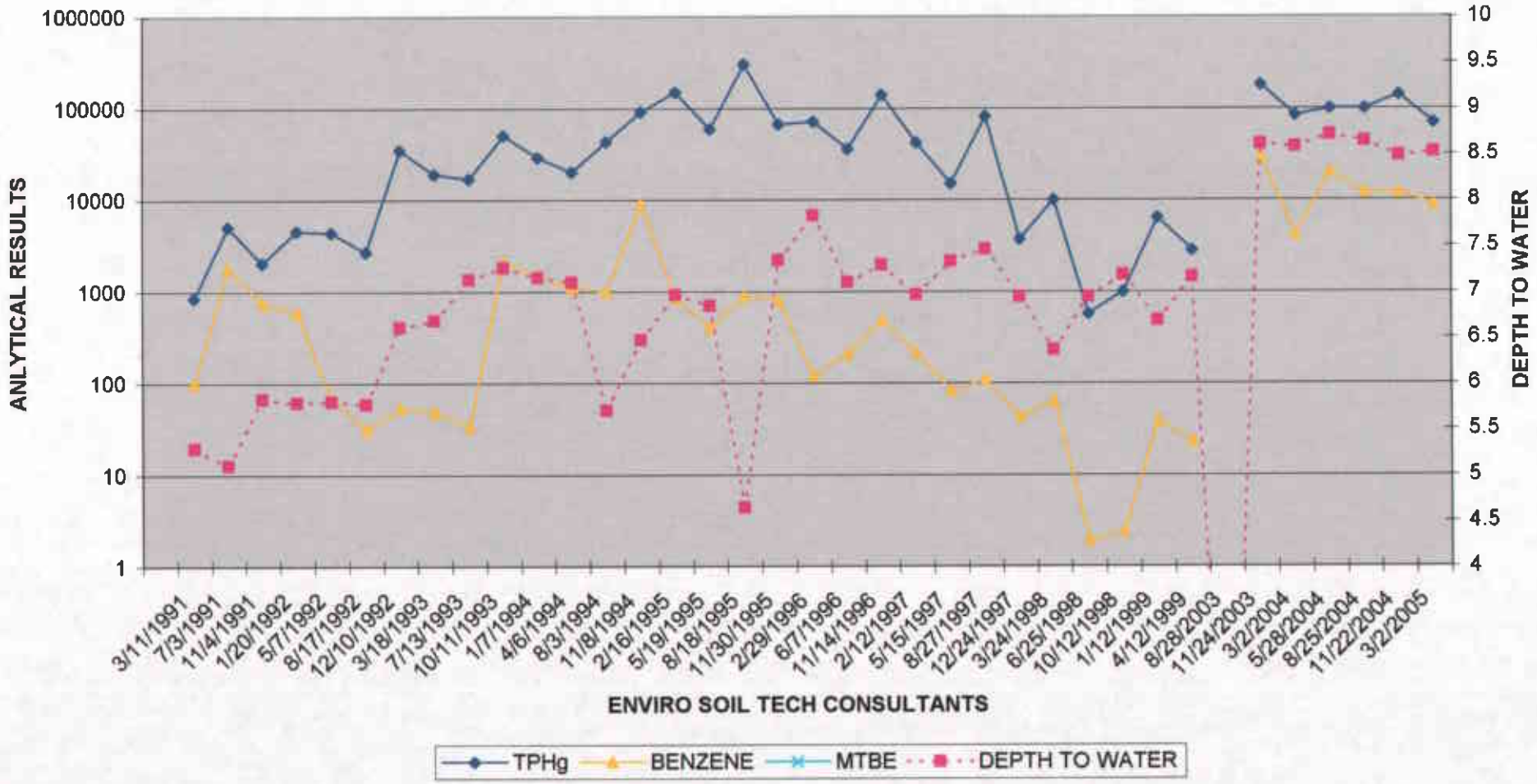
File No. 8-90-421-SI

A P P E N D I X "D"

ENVIRO SOIL TECH CONSULTANTS

File No.: 8-90-421-SI

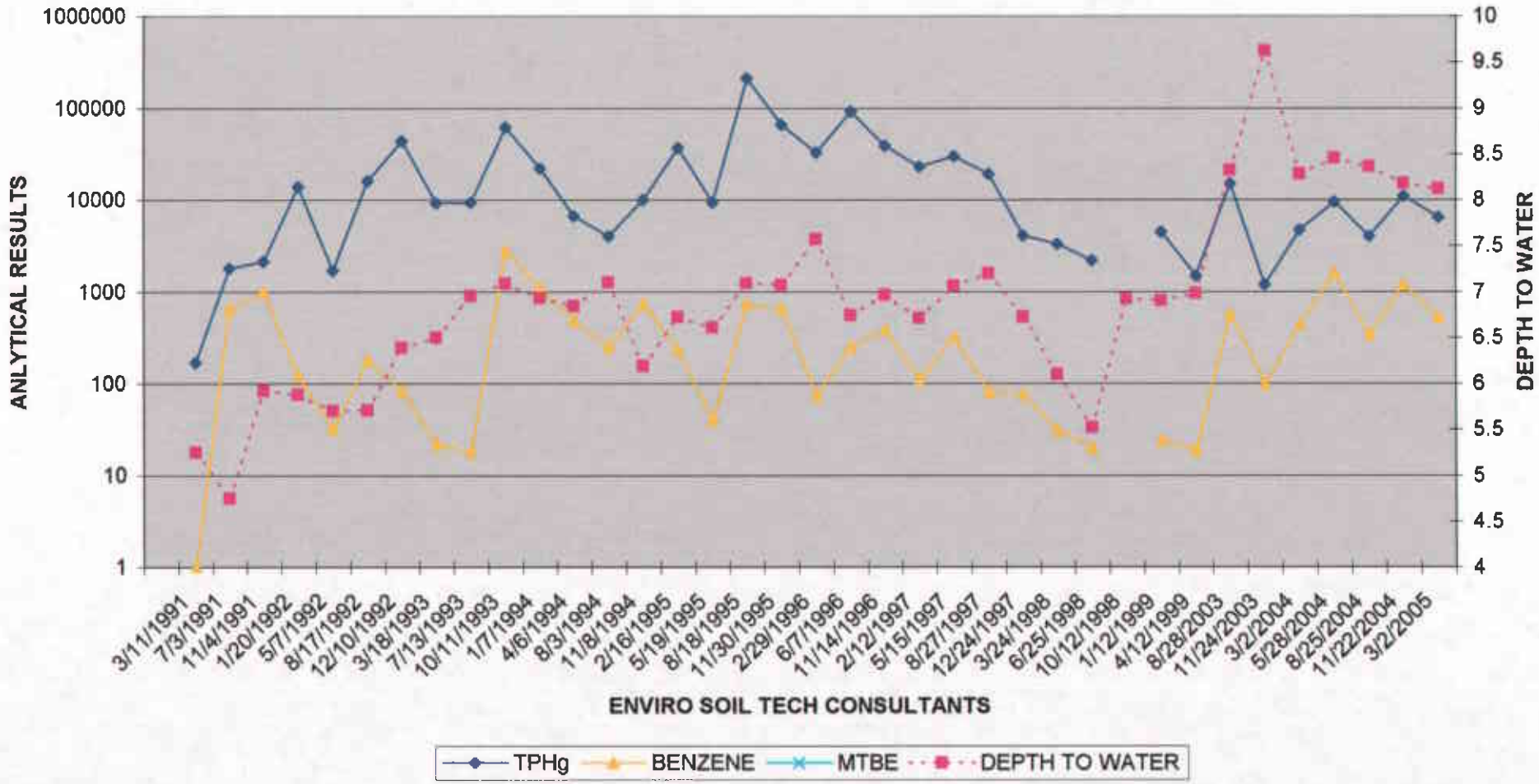
TPHg, BENZENE & MTBE FOR STMW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (Feet)



ENVIRO SOIL TECH CONSULTANTS

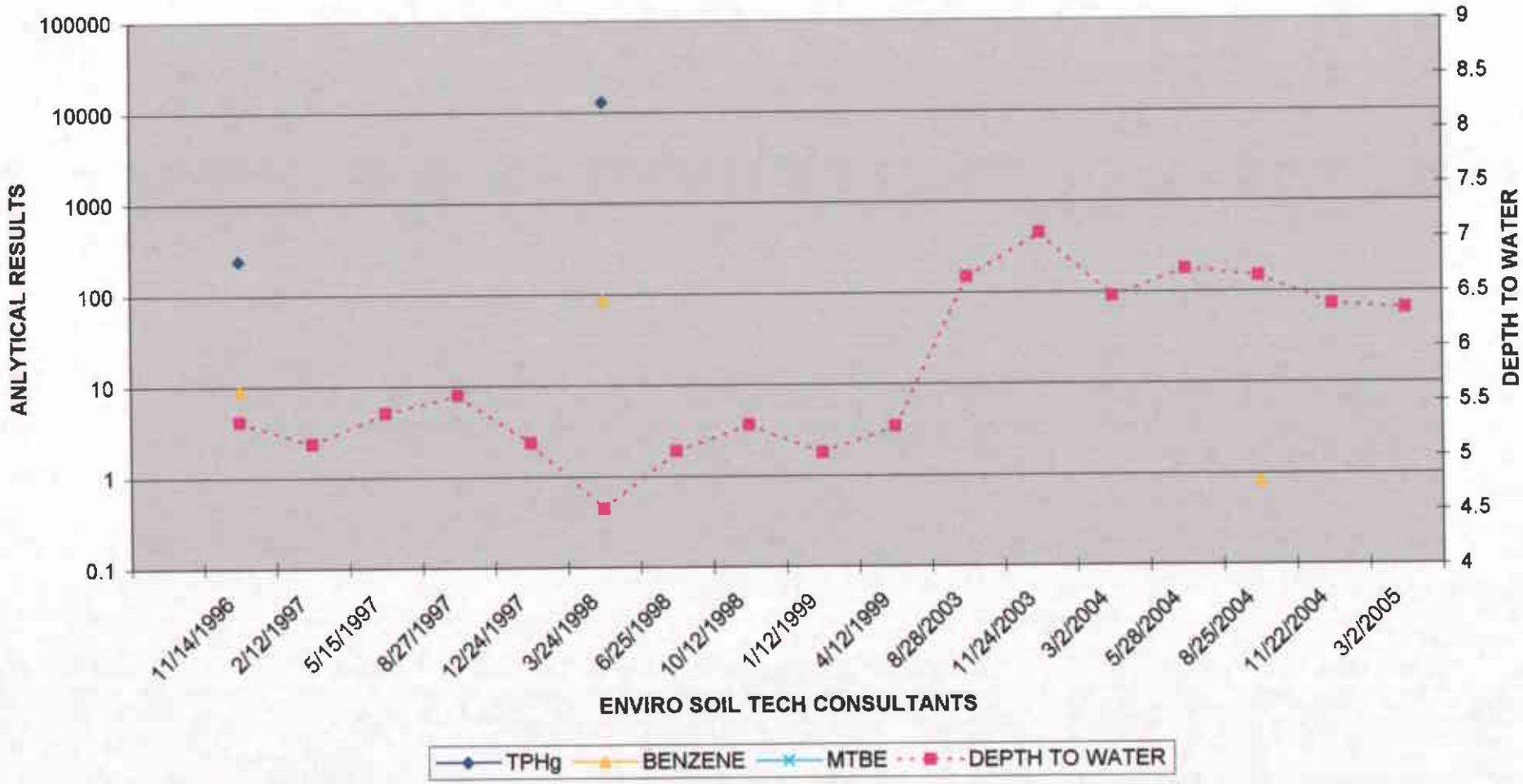
File No.: 8-90-421-SI

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



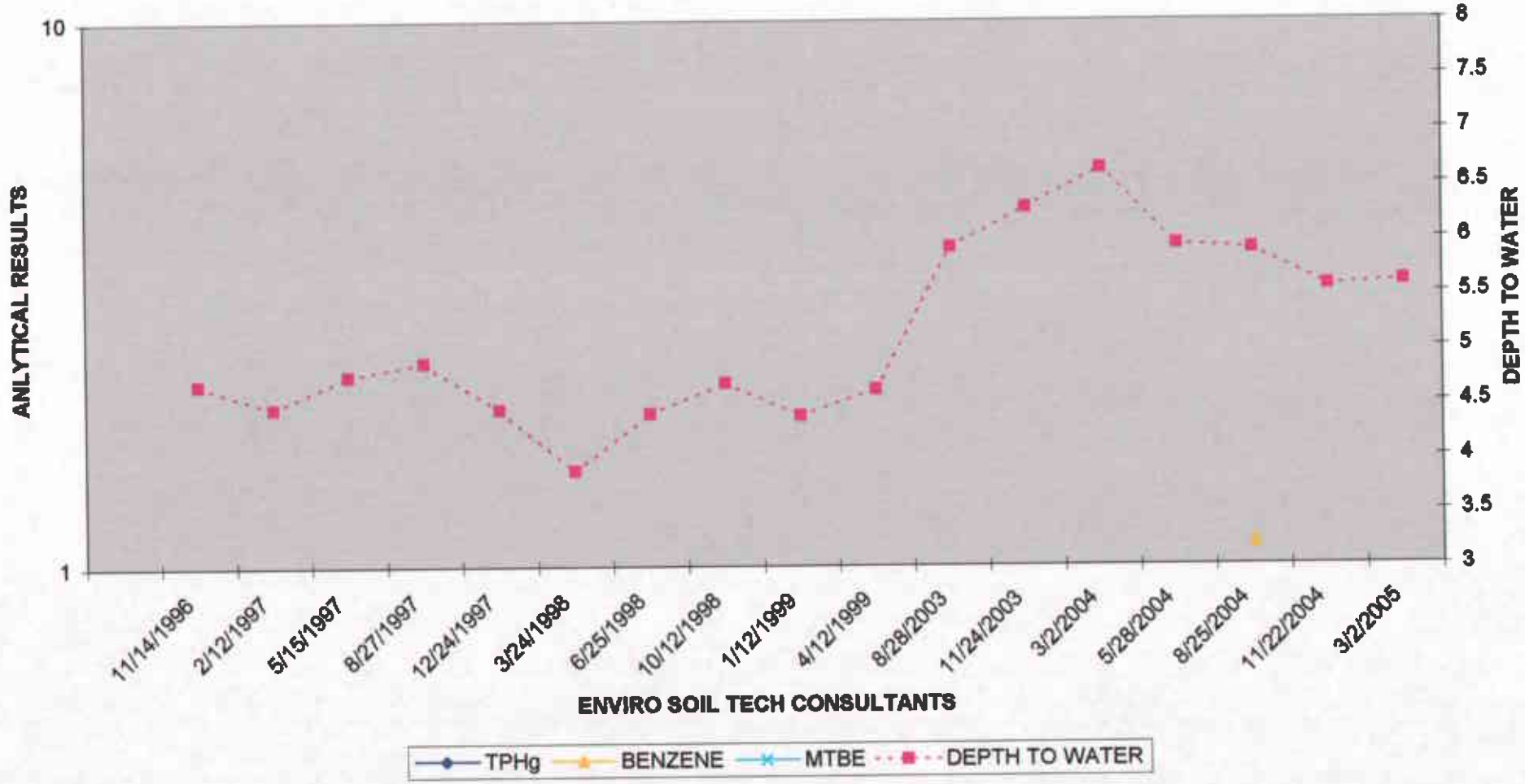
File No.: 8-90-421-SI

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



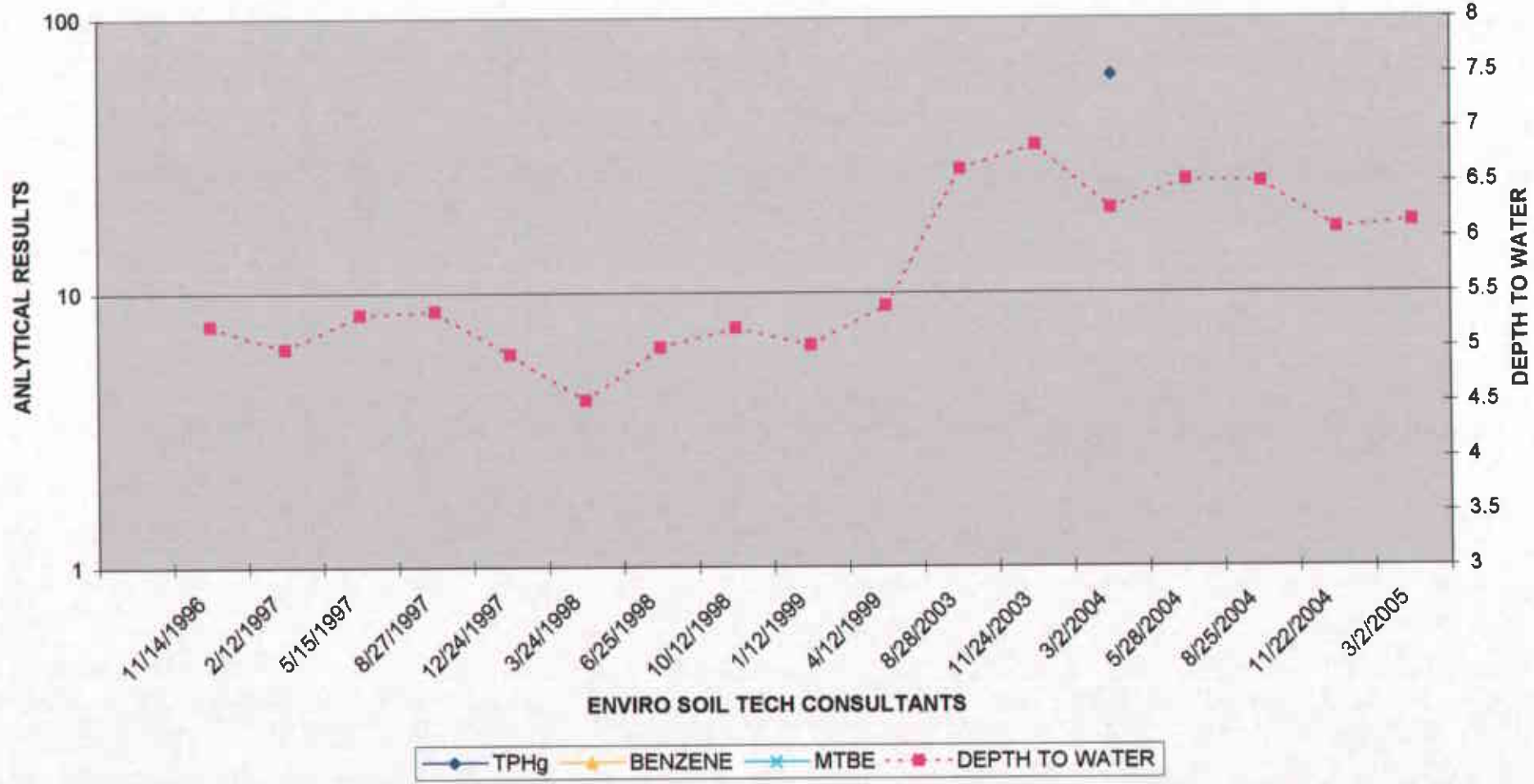
File No.: 8-90-421-SI

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



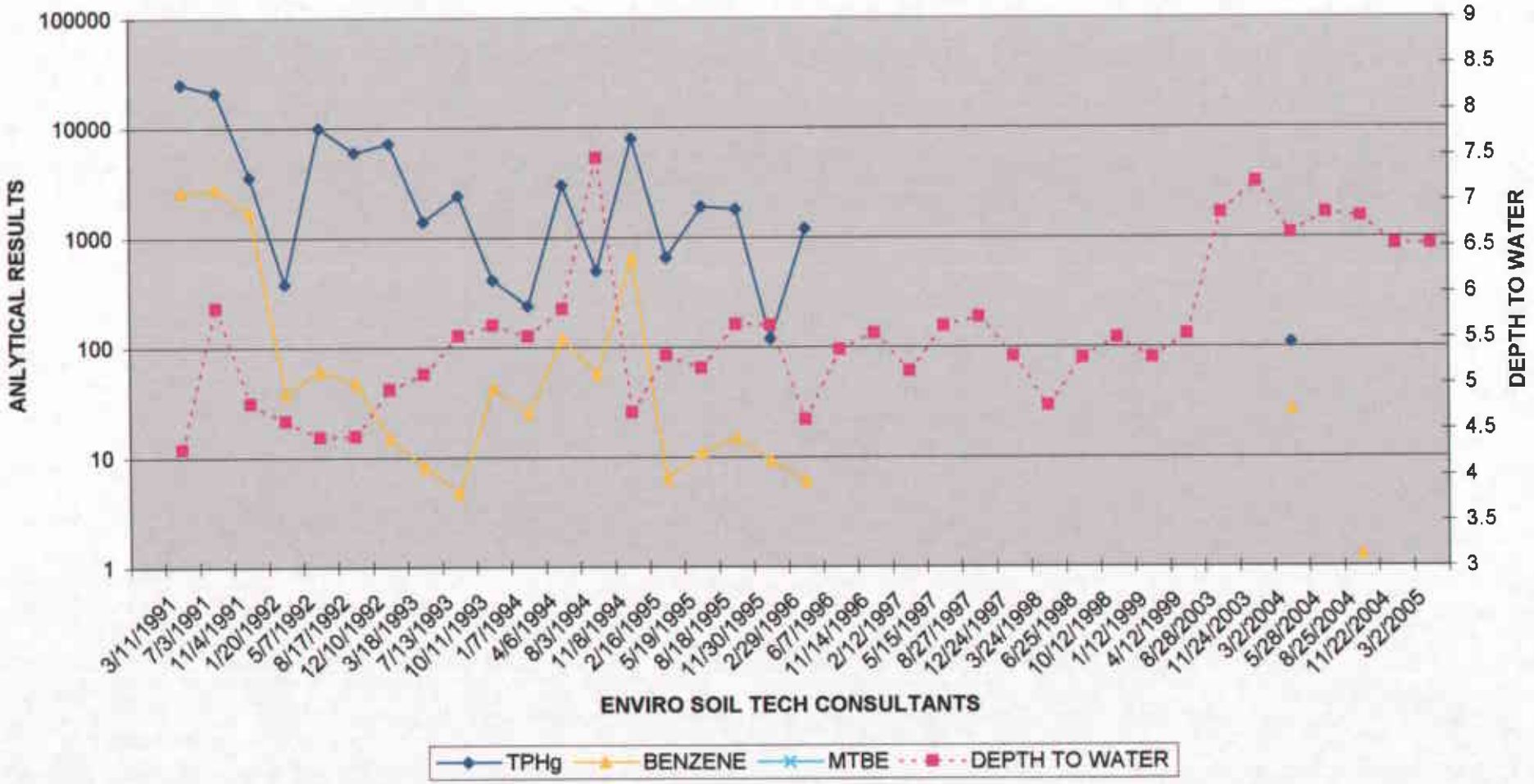
File No.: 8-90-421-SI

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



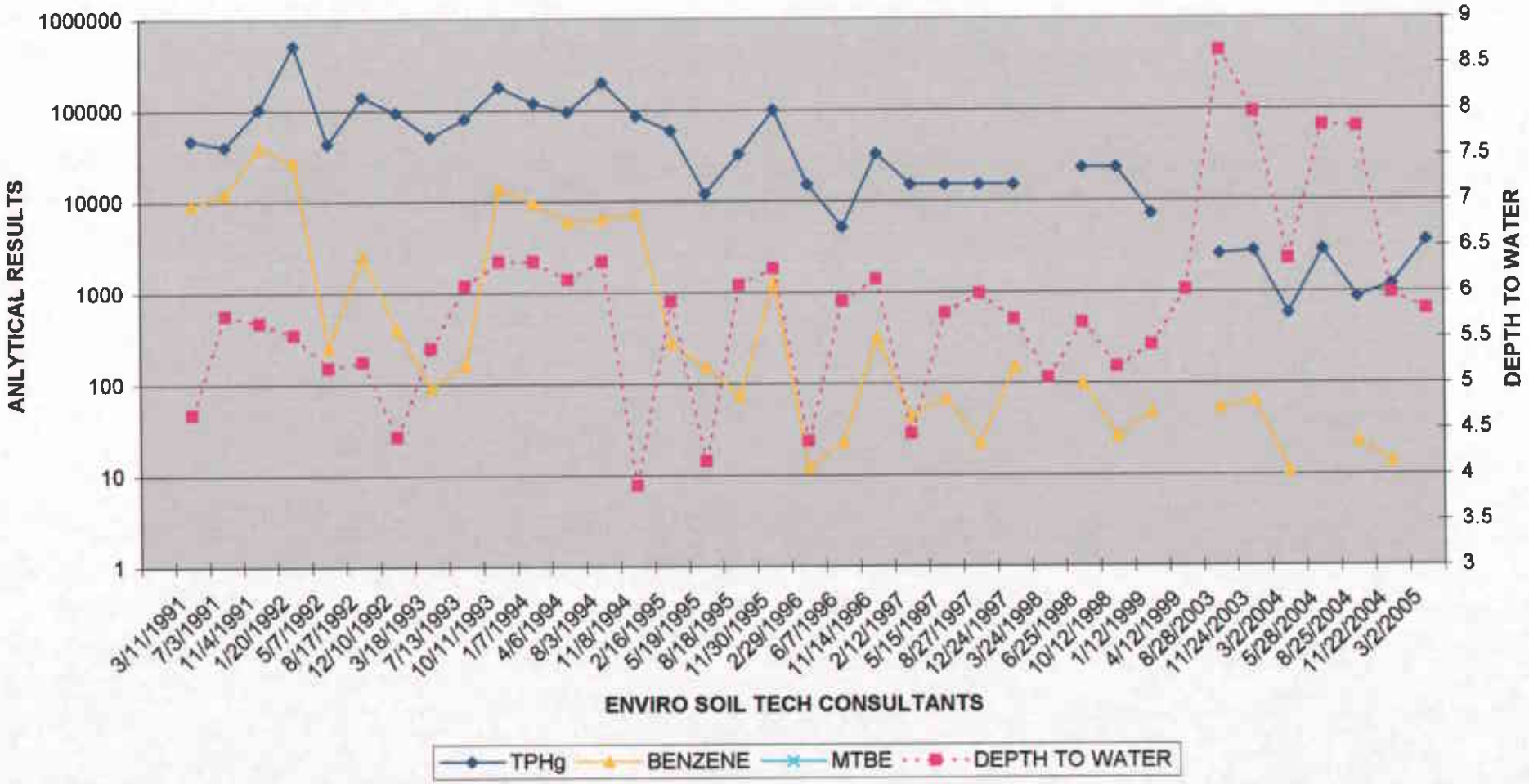
File No.: 8-90-421-SI

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)



ENVIRO SOIL TECH CONSULTANTS

File No.: 8-90-421-SI

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