

File No. 8-90-420-GI

ENVIRONMENTAL
PROTECTION

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**QUARTERLY GROUNDWATER
MONITORING AND SAMPLING
AT THE PROPERTY
LOCATED AT 5175 BROADWAY STREET
OAKLAND, CALIFORNIA
NOVEMBER 29, 1999**

**PREPARED FOR:
MR. MOHAMMAD MEHDIZADEH
678 LA CORSO DRIVE
WALNUT CREEK, CALIFORNIA 94598**

**BY:
ENVIRO SOIL TECH CONSULTANTS
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ENVIRO SOIL TECH CONSULTANTS

LIST OF TABLE

TABLE 1 ... GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS

TABLE 2 ... GROUNDWATER ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS (8260B)

LIST OF FIGURES

FIGURE 1 ... VICINITY MAP SHOWING 5175 BROADWAY STREET, OAKLAND, CALIFORNIA

FIGURE 2 ... SITE PLAN SHOWING BUILDING, FORMER UST AREAS AND MONITORING WELLS

LIST OF APPENDICES

APPENDIX "A" ... TABLE 1 AND TABLE 2

APPENDIX "B" ... FIGURE 1 AND FIGURE 2

APPENDIX "C" ... STANDARD OPERATION PROCEDURES

APPENDIX "D" ... ANALYTICAL LABORATORY RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

TABLE OF CONTENTS

PAGE NO.

LETTER OF TRANSMITTAL	1-2
PURPOSE	3
SITE DESCRIPTION	3
BACKGROUND	3-5
SCOPE OF PRESENT WORK	6
CURRENT FIELD WORK	6
<i>GROUNDWATER MONITORING</i>	6
<i>GROUNDWATER SAMPLING</i>	7
GROUNDWATER FLOW DIRECTION	7
LABORATORY ANALYTICAL RESULTS	7-8
RECOMMENDATIONS	8
LIMITATIONS	8-9

APPENDIX "A"

TABLE 1 - GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS	T1-T9
TABLE 2 - GROUNDWATER ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS	T10-T12

APPENDIX "B"

FIGURE 1 - VICINITY MAP	M1
FIGURE 2 - SITE PLAN	M2

TABLE OF CONTENTS CONT'D

PAGE NO.

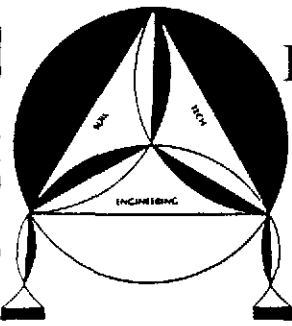
APPENDIX "C"

GROUNDWATER SAMPLING

SOP1

APPENDIX "D"

PRIORITY ENVIRONMENTAL LABS REPORT AND CHAIN-OF-CUSTODY



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November 29, 1999

File No. 8-90-420-GI

Mr. Mohammad Mehdizadeh
678 La Corso Drive
Walnut Creek, California 94598

**SUBJECT: QUARTERLY GROUNDWATER MONITORING
AND SAMPLING AT THE PROPERTY**

Located at 5175 Broadway Street, in
Oakland, California

Dear Mr. Mehdizadeh:

This report presents the results of quarterly groundwater monitoring and sampling conducted on November 17, 1999, by Enviro Soil Tech Consultants (ESTC), at the subject site located at 5175 Broadway Street, in Oakland, California (Figure 1).

The five monitoring wells (MW-1 through MW-3, STMW-4 and STMW-5) located on-site (Figure 2) were monitored for presence of floating product and/or distinctive odor and sampled for analyses.

This quarterly monitoring and sampling was conducted in accordance with STE's work plan dated October 5, 1994 and October 10, 1996 letter from Alameda County Health Department requesting immediate initiation of quarterly monitoring program.

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

Sincerely,

ENVIRO SOIL TECH CONSULTANTS


FRANK HAMEDI-FARD
GENERAL MANAGER


LAWRENCE KOO, P. E.
C. E. #34928

PURPOSE:

The purpose of this quarterly groundwater monitoring and sampling investigation was to determine the extent of subsurface contamination and direction of groundwater flow.

SITE DESCRIPTION:

The site is located at 5175 Broadway Street, in Oakland, California. The area in the vicinity of the site consists mainly of residential and light commercial (Figure 1).

BACKGROUND:

In January 1990, Tank Protect Engineering, Inc. (TPE), was retained to supervise the removal of underground fuel tanks and to conduct soil sampling, soil excavation, soil treatment and disposal. In addition, TPE installed three monitoring wells on-site.

Initial analytical results of soil samples collected from the tank excavation area showed moderate levels of Total Petroleum Hydrocarbons as gasoline (TPHg) in two locations. The rest of the samples showed TPHg ranging from non-detected to less than 120 parts per million (ppm). Due to the presence of elevated levels of TPHg detected in the excavation, TPE installed three on-site monitoring wells (MW-1 to MW-3), as required by state and local regulatory agencies (Figure 2). TPE's preliminary groundwater assessment also indicated that the shallow groundwater had been impacted.

The Alameda County Health Department (ACHD) requested the property owner to conduct further investigation in order to define the extent of dissolved hydrocarbon contamination in the groundwater.

Soil Tech Engineering, Inc. (STE), was retained in September 1990 to conduct monitoring and sampling of the on-site monitoring wells. The objective of the quarterly groundwater sampling program was to monitor seasonal and long-term variations in the conditions of the shallow aquifer beneath the site and to assess the direction of groundwater flow for further investigation.

STE sampled the three on-site groundwater monitoring wells (MW-1 to MW-3) on September 26, 1990, and January 14, 1991. The sampling was conducted in accordance with ACHD and California Regional Water Quality Control Board (CRWQCB) guidelines and STE's Standard Operating Procedures (SOP) included in Appendix "C".

The three on-site wells contained moderate to high levels of dissolved hydrocarbons. A comparison of the September 1990 sampling with TPE's analytical results of April 1990 showed an increase in dissolved hydrocarbons in wells MW-1 and MW-2. In well MW-3 (the down-gradient well), TPHg and Toluene levels decreased, whereas Benzene, Ethylbenzene and Total Xylenes increased slightly.

The analytical results for groundwater samples collected on January 14, 1991, showed an increase in TPH and BTEX levels in well MW-2 compared to those reported in September 1990. Well MW-1 also showed a slight increase in TPH and Benzene, but showed a decrease in Toluene, Ethylbenzene and Total Xylenes levels. Well MW-3 showed a substantial decrease in TPH and BTEX.

The Alameda County Health Department (ACHD) in a letter dated March 29, 1991, requested additional investigation to define the extent of dissolved hydrocarbon plume. STE installed two additional monitoring wells STMW-1 (STMW-4) and STMW-2 (STMW-5) on June 21, 1991. The July 3, 1991, water sampling results showed low levels of dissolved Total Hydrocarbons as gasoline (TPHg) and Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) in all five wells. The presence of low levels of TPHg and BTEX in the up-gradient well, STMW-1 (STMW-4), (located on the east corner of the property) indicated a potential off-site source. Based on the water level data, the groundwater direction was west to southwest on July 3, 1991. The detail of this investigation is summarized in STE's report dated July 23, 1991. STE recommended a quarterly monitoring and sampling of five on-site wells for at least a year.

The second quarterly sampling was conducted in November 1991. The detail of the sampling is described in STE's report dated November 22, 1991. The quarterly monitoring and samplings conducted by STE are described in STE's report dated March 10, 1992, June 1992, October 1992 and January 1993.

The last quarterly monitoring and sampling was conducted by STE on August 15, 1994, details in STE report dated September 20, 1994. STE prepared a work plan proposal for additional soil and groundwater investigation of the property dated October 5, 1994 but no further activity on the subject site was authorized by the owner. Hence, there was a discontinuation of quarterly monitoring and sampling activity from August 15, 1994 to November 7, 1996. The quarterly monitoring and sampling activity resumed on November 7, 1996.

SCOPE OF PRESENT WORK:

The scope of present work are as follow:

- 1) Measure the depth-to-groundwater and monitor the presence of dissolved petroleum hydrocarbons in the five on-site wells.
- 2) Collect groundwater samples from the monitoring wells for analyses of Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX), Methyl Tertiary Butyl Ether (MTBE) and petroleum hydrocarbons constituents adaptive Volatile Organic Compounds (VOC's) per EPA Method 8260B].
- 3) Update the database for water level/dissolved hydrocarbon level and groundwater field observation data.
- 4) Review analytical results and prepare a report.

CURRENT FIELD WORK:

On November 17, 1999, the five on-site wells were monitored, purged and sampled in accordance with ESTC's Standard Operating Procedures (SOP) (Appendix "C"), which comprise state and local guidelines.

GROUNDWATER MONITORING:

During field observation, ESTC staff detected light rainbow sheen and light sewerage odors in monitoring wells MW-1 and MW-2. Rainbow sheen and strong petroleum odor were noted in monitoring well MW-3. Rainbow sheen and light petroleum odors were noted in monitoring wells STMW-4 and STMW-5. Table 1 summarizes the groundwater monitoring data and laboratory analytical results.

GROUNDWATER SAMPLING:

Following groundwater monitoring, the on-site wells were purged at least five well volumes and sampled. The water samples were collected in 40 millimeter glass vials and 1 liter amber bottles with teflon-lined caps, labeled and placed in an ice-cooled chest for transportation to Priority Environmental Labs, a State-Certified laboratory with appropriate chain-of-custody record.

GROUNDWATER FLOW DIRECTION:

Groundwater elevation data was used to determine the direction of groundwater flow. Groundwater flow was approximately in a southwesterly direction as of November 17, 1999 (Figure 2).

LABORATORY RESULTS:

The groundwater samples were analyzed for TPHg, BTEX, MTBE and petroleum hydrocarbons constituents [Volatile Organic Compounds (VOC's) per EPA Method 8260B].

Groundwater sample from monitoring well MW-1 detected low level of TPHg at 1.3 milligrams per liter (mg/L) and BTEX at (0.0036 mg/L; 0.0019 mg/L; 0.0027 mg/L and 0.0066 mg/L). Groundwater sample from monitoring well MW-2 detected low levels of TPHg at 2.6 mg/L and BTEX at (0.007 mg/L; 0.0037 mg/L; 0.0053 mg/L and 0.0129 mg/L). Water sample from monitoring well MW-3 detected low levels of TPHg at 17 mg/L and BTEX at (0.039 mg/L; 0.022 mg/L; 0.031 mg/L and 0.084 mg/L). Monitoring

well STMW-4 detected low levels of TPHg at 7.9 mg/L and BTEX at (0.021 mg/L; 0.012 mg/L; 0.017 mg/L and 0.04 mg/L), respectively. Monitoring well STMW-5 detected low levels of TPHg at 1.6 mg/L and BTEX at (0.0039 mg/L; 0.0023 mg/L; 0.0032 mg/L and 0.0075 mg/L). All five monitoring wells detected MTBE concentrations below laboratory detection limit in the groundwater samples. All five monitoring wells detected low levels of VOC's in the groundwater samples. Table 1 and Table 2 summarizes the groundwater samples analytical results.

RECOMMENDATIONS:

Since dissolved hydrocarbons and its constituents continue to be present in all the monitoring wells, ESTC recommends the continuation of monitoring and sampling of the five monitoring wells. In addition, ESTC recommends a meeting with ACEHD and the Regional Water Quality Control Board to discuss the results and obtain a sense of direction as to the additional investigation(s) necessary for the site.

A copy of this report should be sent to the Alameda County Health Care Services Agency (ACHCSA) and the California Regional Water Quality Control Board (CRWQCB).

LIMITATIONS:

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

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

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

The services that ESTC provided have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same or similar localities at the time the work was performed.

This report was prepared in accordance with the currently accepted standards for environmental investigations. The contents of this report reflect the conditions of the subject site at this particular time. No other warranties, expressed or implied, as to the professional advice provided are made.

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
4/30/89	MW-1 (97.71)	23	10	N/A	N/A	No sheen or odor	0.2	NA	0.018	0.005	0.002	0.012	NA
5/17/90				9.26	88.45	N/A	NA	NA	NA	NA	NA	NA	NA
9/26/90				9.92	87.79	No sheen/Mild petroleum odor	1.3	NA	0.055	0.031	0.12	0.1	NA
1/14/91				9.54	88.17	No sheen/Mild petroleum odor	3.1	NA	0.35	0.083	0.086	0.13	NA
7/03/91	(102.04) resurveyed			9.42	92.62	No sheen/Light petroleum odor	0.58	NA	0.032	0.041	0.04	0.055	NA
11/11/91				9.45	92.59	No sheen/Mild petroleum odor	0.33	NA	0.02	0.002	0.002	0.011	NA
3/04/92	(101.83) resurveyed			7.93	93.90	No sheen/Light petroleum odor	0.81	NA	0.011	0.005	0.01	0.023	NA
6/01/92				8.98	92.85	No sheen/Mild sewerage odor	2.2	NA	0.093	0.032	0.04	0.12	NA
9/28/92				9.29	92.54	No sheen/Mild sewerage odor	2.9	NA	0.024	0.0078	0.019	0.037	NA
1/11/93				7.56	94.27	No sheen/Light sewerage odor	1.7	NA	0.0057	0.006	0.011	0.028	NA
8/15/94				9.19	92.64	No sheen/Mild sewerage odor	2.0	NA	0.12	0.003	0.006	0.016	NA
11/07/96	(97.50) resurveyed			8.73	88.77	No sheen/Light sewerage odor	1.2	0.27	0.003	0.0011	0.0015	0.0038	ND <0.0005
2/12/97				7.92	89.58	No sheen/Light sewerage odor	1.8	ND <0.05	0.013	0.0057	0.0048	0.017	ND <0.0005

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
6/16/97	MW-1 (97.50)	23	10	9.04	88.46	No sheen/Very light sewerage odor	0.33 <0.05	ND <0.05	0.0027 <0.0005	ND <0.0005	ND <0.0005	0.0012	ND <0.0005
9/30/97				7.56	89.94	No sheen or odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
1/27/98				7.96	89.54	No sheen or odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
4/24/98				7.98	89.52	Light rainbow sheen Light sewerage odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
8/17/98				8.98	88.52	No sheen Light sewerage odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
11/16/98				8.90	88.90	No sheen Light sewerage odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
1/28/99				8.64	88.86	Light rainbow sheen Slight sewerage odor	0.11 <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
5/17/99				8.50	89.00	No sheen/Strong sewerage odor	0.28	NA	0.0011	0.0006	ND <0.0005	ND <0.0005	ND <0.0005
8/17/99				9.24	88.26	Light sheen Sewerage odor	0.79	0.086	0.0056	0.0043	0.0045	0.011	ND <0.0005
11/17/99				10.44	87.06	Light rainbow sheen Light sewerage odor	1.3	NA	0.0036	0.0019	0.0027	0.0066	ND <0.0005
4/30/89	MW-2 (97.78)	23	15	N/A	N/A	No sheen or odor	0.23	NA	0.039	0.018	0.005	0.023	NA
5/17/90				10.00	87.78	N/A	NA	NA	NA	NA	NA	NA	NA

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
9/26/90	MW-2 (97.78)	23	15	10.83	86.95	No sheen Mild petroleum odor	0.85	NA	0.94	0.005	0.025	0.047	NA
1/14/91				10.63	87.15	No sheen or odor	3.1	NA	0.35	0.083	0.086	0.13	NA
7/03/91	(102.02) resurveyed			10.08	91.94	No sheen Light petroleum odor	1.59	NA	0.03	0.052	0.024	0.034	NA
11/11/91				10.21	91.81	No sheen Mild petroleum odor	0.96	NA	0.32	0.015	0.004	0.029	NA
3/04/92				8.70	92.97	No sheen Light petroleum odor	1.5	NA	0.0095	0.0084	0.0098	0.022	NA
6/01/92				9.52	92.15	No sheen Mild sewerage odor	2.8	NA	0.084	0.041	0.059	0.095	NA
9/28/92				10.09	91.58	No sheen Mild sewerage odor	1.6	NA	0.047	0.02	0.047	0.097	NA
1/11/93				8.52	93.15	No sheen Light sewerage odor	2.5	NA	0.0086	0.01	0.017	0.032	NA
8/15/94	(97.49) resurveyed			9.91	91.76	No sheen/Light petroleum odor	6	NA	0.45	0.06	0.1	0.095	NA
11/07/96				10.02	87.47	No sheen/Very light sewerage odor	4.2	0.78	0.025	0.0049	0.0081	0.014	ND <0.0005
2/12/97				8.91	88.58	No sheen/Very light sewerage odor	1.8	5.7	0.016	0.0031	0.0034	0.0088	ND <0.0005
6/16/97				9.75	87.74	No sheen/Very light sewerage odor	2.5	ND <0.05	0.022	0.0051	0.0078	0.011	ND <0.0005
9/30/97				7.98	89.51	No sheen or odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
1/27/98	MW-2 (97.49)	23	15	8.38	89.11	No sheen or odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
4/24/98				8.68	88.81	No sheen Slight sewerage odor	2.1	1.4	0.018	0.0065	0.0048	0.021	ND <0.0005
8/17/98				9.74	87.75	No sheen or odor	2.9	ND <0.05	0.0051	0.0045	0.0058	0.017	ND <0.0005
11/16/98				10.14	87.35	No sheen Light sewerage odor	1.4	ND <0.05	0.0021	0.0019	0.0023	0.0048	ND <0.0005
1/28/99				8.92	88.57	No sheen Slight sewerage odor	1.6	ND <0.05	0.082	0.016	ND <0.0005	0.04	0.059
5/17/99				9.26	88.23	No sheen Mild sewerage odor	8.2	NA	0.43	0.073	0.14	0.1	ND <0.0005
8/17/99				10.04	87.45	No sheen Sewerage odor	2.9	0.26	0.02	0.018	0.017	0.038	ND <0.0005
11/17/99				11.52	85.97	Light rainbow sheen Light sewerage odor	2.6	NA	0.007	0.0037	0.0053	0.0129	ND <0.0005
4/30/90	MW-3 (98.14)	27	20	N/A	N/A	No sheen Mild petroleum odor	56	NA	3.6	8.6	1.3	7.2	NA
5/17/90				12.42	85.72	N/A	NA	NA	NA	NA	NA	NA	NA
9/26/90				13.50	84.64	No sheen/Mild petroleum odor	54	NA	5.1	0.42	1.6	8	NA

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
1/14/91	MW-3 (98.14)	27	20	12.58	85.56	Light sheen Strong petroleum odor	35	NA	2.6	6.6	1.5	5.7	NA
7/03/91	(102.46) resurveyed			12.08	90.38	Rainbow sheen Strong petroleum odor	33	NA	4.12	4.3	1.4	4.8	NA
11/11/91				12.29	90.17	Very light rainbow sheen Mild petroleum odor	57	NA	3.9	8.4	2.1	14	NA
3/04/92	(102.18) resurveyed			10.26	91.92	Brown sheen Strong petroleum odor	57	NA	0.72	0.87	0.081	3.1	NA
6/01/92	(97.94) resurveyed			11.40	90.78	Rainbow sheen Mild petroleum odor	50	NA	0.24	0.24	0.22	0.74	NA
9/28/92				12.64	89.54	Rainbow sheen spots Strong petroleum odor	64	NA	0.11	0.093	0.097	0.25	NA
1/11/93				10.10	92.08	Rainbow sheen Mild petroleum odor	68	NA	0.21	0.28	0.36	0.99	NA
8/15/94				12.20	89.98	Brown sheen spots Mild petroleum odor	50	NA	0.87	1.2	1.3	3	NA
11/07/96				12.40	85.54	Very thin layer of brown sheen/Light petroleum odor	68	0.47	0.033	0.027	0.063	0.12	ND <0.0005
2/12/97				10.23	87.71	Brown sheen spots Light petroleum odor	25	3.5	0.039	0.043	0.015	0.091	ND <0.0005
6/16/97				11.79	86.15	Light brown sheen spots/Very light petroleum odor	9.7	ND <0.05	0.026	0.029	0.045	0.081	ND <0.0005
9/30/97				9.40	88.54	No sheen or odor	6	1.6	0.043	0.036	0.012	0.11	ND <0.0005

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
1/27/98	MW-3 (97.94)	19.50	11.50	9.80	88.14	No sheen or odor	0.38	0.56	0.0057	0.0041	0.0017	0.0091	ND <0.0005
4/24/98				9.90	88.04	Rainbow sheen Light sewerage odor	ND <0.05	0.68	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
8/17/98				11.46	86.48	No sheen or odor	16	ND <0.05	0.02	0.018	0.031	0.082	ND <0.0005
11/16/98				12.40	85.54	Rainbow sheen Strong sewerage odor	68	ND <0.05	0.086	0.054	0.069	0.13	ND <0.0005
1/28/99				10.72	87.22	Rainbow sheen Strong sewerage odor	33	ND <0.05	0.27	0.11	ND	0.77	0.17
5/17/99				10.54	87.40	Rainbow sheen Strong petroleum odor	72	NA	0.28	0.23	0.32	0.89	ND <0.0005
8/17/99				11.92	86.02	Rainbow sheen Strong petroleum odor	20	1.8	0.051	0.041	0.061	0.13	ND <0.0005
11/17/99				13.60	84.34	Rainbow sheen Strong petroleum odor	17	NA	0.039	0.022	0.031	0.084	ND <0.0005
7/03/91	STMW-1 (103.58)	19.50	11.50	11.00	92.58	Light rainbow sheen Mild petroleum odor	3.1	NA	0.61	0.062	0.039	0.15	NA
11/11/91	STMW-4 (renamed)			11.08	92.50	Light rainbow sheen Strong petroleum odor	3.6	NA	0.99	0.015	0.0026	0.18	NA
3/04/92	(101.08) resurveyed			9.44	93.64	Rainbow sheen spots Mild petroleum odor	5	NA	0.035	0.02	0.022	0.071	NA
6/01/92	(98.80) resurveyed			10.32	92.76	No sheen Light petroleum odor	13	NA	0.14	0.045	0.063	0.21	NA
9/28/92				10.76	92.32	Brown sheen spots Mild petroleum odor	40	NA	0.035	0.02	0.048	0.11	NA

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
1/11/93	STMW-4 (98.80)	19.50	11.50	9.28	93.80	Brown sheen spots Mild petroleum odor	24	NA	0.026	0.088	0.092	0.28	NA
8/15/94				10.54	92.54	Light rainbow sheen spots Light petroleum odor	9	NA	0.5	0.034	0.046	0.13	NA
11/07/96				10.37	88.43	Rainbow sheen spots Very light petroleum	13	0.18	0.04	0.0029	0.0078	0.019	ND <0.0005
2/12/97				9.36	89.44	Rainbow sheen spots Very light petroleum odor	5.3	5.7	0.095	0.0053	0.0059	0.018	ND <0.0005
6/16/97				10.40	88.40	No sheen/Very light sewerage odor	5.3	ND <0.05	0.037	0.0062	0.0017	0.011	ND <0.0005
9/30/97				8.50	90.30	No sheen or odor	2.7	ND <0.05	0.042	0.0077	0.0057	0.026	ND <0.0005
1/27/98				8.90	89.90	No sheen or odor	3	0.3	0.06	0.017	0.012	0.049	ND <0.0005
4/24/98				9.50	89.30	Rainbow sheen Strong sewerage odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
8/17/98				10.36	88.44	Rainbow sheen Light petroleum odor	29	ND <0.05	0.036	0.024	0.059	0.16	ND <0.0005
11/16/98				10.56	88.24	Rainbow sheen Strong sewerage odor	13	ND <0.05	0.026	0.021	0.02	0.041	NA
1/28/99				9.64	89.16	Rainbow sheen Strong sewerage odor	32	ND <0.05	0.66	0.016	0.016	0.15	ND <0.0005
5/17/99				9.96	88.84	Rainbow sheen Strong petroleum odor	13	NA	1.6	0.03	0.045	0.078	ND <0.0005

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
8/17/99	STMW-4 (98.80)	19.50	11.50	10.64	88.16	Rainbow sheen Light petroleum odor	12	0.99	0.026	0.022	0.033	0.072	ND <0.0005
11/17/99				12.02	86.78	Rainbow sheen Light petroleum odor	7.9	NA	0.021	0.012	0.017	0.04	ND <0.0005
7/03/91	STMW-2 (101.99)	24	16	13.29	88.07	No sheen or odor	0.69	NA	0.099	0.081	0.019	0.098	NA
11/11/91	STMW-5 renamed			14.00	87.99	No sheen Very light petroleum odor	0.41	NA	0.061	0.0024	0.0014	0.02	NA
3/04/92	(101.36) resurveyed			11.80	89.56	No sheen Very light petroleum odor	0.46	NA	0.013	0.0065	0.011	0.018	NA
6/01/92				13.06	88.30	No sheen Mild petroleum odor	1.8	NA	0.027	0.02	0.021	0.043	NA
9/28/92				14.04	87.32	No sheen Mild sewerage odor	1.5	NA	0.014	0.0061	0.018	0.022	NA
1/11/93				11.61	89.75	No sheen Light sewerage odor	0.8	NA	0.0018	0.003	0.0031	0.0094	NA
8/15/94				13.85	87.51	No sheen Mild sewerage odor	3	NA	0.32	0.062	0.034	0.22	NA
11/07/96	(97.14) resurveyed			13.67	87.51	Rainbow sheen spots Very light pet. odor	1.2	0.33	0.011	0.0017	0.0044	0.013	ND <0.0005
2/17/97				12.07	85.07	Rainbow sheen spots Very light pet. odor	1	3.7	0.011	0.0017	0.0017	0.0097	ND <0.0005
6/19/97				13.33	83.81	No sheen Very light sewerage odor	0.95	2.3	0.0074	0.001	0.001	0.0072	ND <0.0005

TABLE 1 CONT'D
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth of Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	TPHd	B	T	E	X	MTBE
9/30/97	STMW-5 (97.14)	24	16	11.24	85.90	No sheen Light sewerage odor	0.71	1.1	0.0058	0.004	0.001	0.001	ND <0.0005
1/27/98				11.64	85.50	No sheen Light sewerage odor	0.34	1.1	0.002	0.0018	0.0016	0.0082	ND <0.0005
4/24/98				11.84	85.30	Rainbow sheen Strong sewerage odor	3.3	ND <0.05	0.012	0.0094	0.0085	0.037	ND <0.0005
8/17/98				13.20	83.94	Rainbow sheen Light sewerage odor	5.3	ND <0.05	0.026	0.017	0.014	0.039	ND <0.0005
11/16/98				13.74	83.40	Rainbow sheen Strong sewerage odor	ND <0.05	ND <0.05	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005	ND <0.0005
1/28/99				12.22	84.92	Rainbow sheen Strong sewerage odor	0.95	ND <0.05	0.15	0.0038	0.0014	0.014	0.011
5/17/99				12.58	84.56	Rainbow sheen Mild petroleum odor	2.8	NA	0.067	0.0094	ND <0.0005	0.016	0.03
8/17/99				13.48	83.66	Rainbow sheen Light petroleum odor	2.8	0.23	0.018	0.017	0.018	0.036	ND <0.0005
11/17/99				14.88	82.26	Rainbow sheen Light petroleum odor	1.6	NA	0.0039	0.0023	0.0032	0.0075	ND <0.0005

TPHd - Total Petroleum Hydrocarbons as diesel
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. - Groundwater Elevation
ND - Not Detected
N/A - Not Applicable

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl Tertiary Butyl Ether
Perf. - Perforation
NA - Not Analyzed

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (8260B)

Date	Sample Number	Compounds	Detection (mg/L)
1/28/99	MW-1	Not Analyzed	
	MW-2	Not Analyzed	
	MW-3	Not Analyzed	
	STMW-4	Not Analyzed	
	STMW-5	Not Analyzed	
5/17/99	MW-1	Diisopropyl Ether	0.12
	MW-2	Benzene	0.4
		Ethylbenzene	0.14
	MW-3	Benzene	0.19
		1,2,4-Trimethylbenzene	0.48
		1,3,5-Trimethylbenzene	0.29
		Xylenes (total)	0.59
STMW-4	Benzene	1.6	
STMW-5	Benzene	0.088	
8/17/99	MW-1	Benzene	0.0052
		o-Xylene	0.0054
		p-Xylene	0.0053
	MW-2	Benzene	0.019
		Ethylbenzene	0.019
		Toluene	0.018
		o-Xylene	0.014
		m-Xylene	0.011
		p-Xylene	0.015
	MW-3	Benzene	0.049
		Ethylbenzene	0.063
		Toluene	0.039
		o-Xylene	0.044
		m-Xylene	0.039
		p-Xylene	0.04

ENVIRO SOIL TECH CONSULTANTS

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (8260B)

Date	Sample Number	Compounds	Detection (mg/l)
8/17/99	STMW-4	Benzene	0.024
		Ethylbenzene	0.031
		Toluene	0.025
		o-Xylene	0.028
		m-Xylene	0.021
		p-Xylene	0.026
	STMW-5	Benzene	0.019
		Ethylbenzene	0.021
		Toluene	0.016
		o-Xylene	0.014
		m-Xylene	0.011
		p-Xylene	0.016
11/17/99	MW-1	Benzene	0.0036
		Ethylbenzene	0.0027
		Toluene	0.0019
		o-Xylene	0.0025
		m-Xylene	0.0018
		p-Xylene	0.0023
	MW-2	Benzene	0.007
		Ethylbenzene	0.0053
		Toluene	0.0037
		o-Xylene	0.0049
		m-Xylene	0.0036
		p-Xylene	0.0044
	MW-3	Benzene	0.039
		Ethylbenzene	0.031
		Toluene	0.022
		o-Xylene	0.031
		m-Xylene	0.021
		p-Xylene	0.03

ENVIRO SOIL TECH CONSULTANTS

TABLE 2 CONT'D
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS (8260B)

Date	Sample Number	Compound	Detection (mg/L)
11/17/99	STMW-4	Benzene	0.021
		Ethylbenzene	0.017
		Toluene	0.012
		o-Xylene	0.015
		m-Xylene	0.011
		p-Xylene	0.014
	STMW-5	Benzene	0.0039
		Ethylbenzene	0.0032
		Toluene	0.0023
		o-Xylene	0.0029
		m-Xylene	0.0021
		p-Xylene	0.0025

mg/L - Milligrams Per Liter

A P P E N D I X "B"



Figure 1

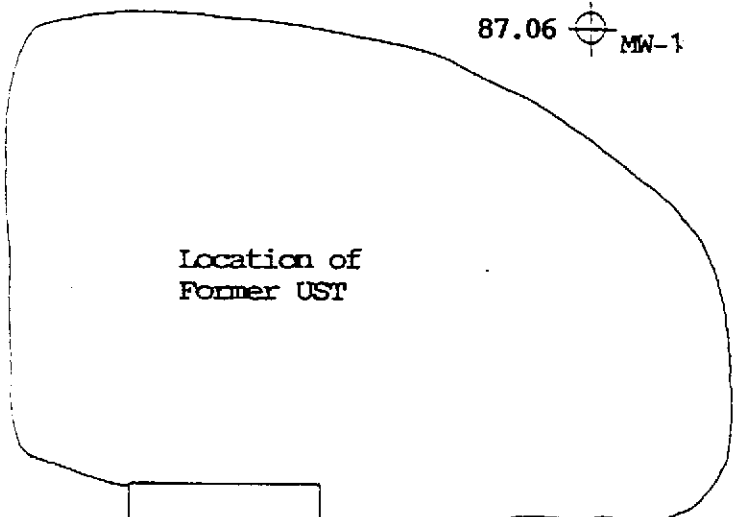
CORONADO AVENUE

Approximate Direction
of Groundwater Flow
as of 11/17/99

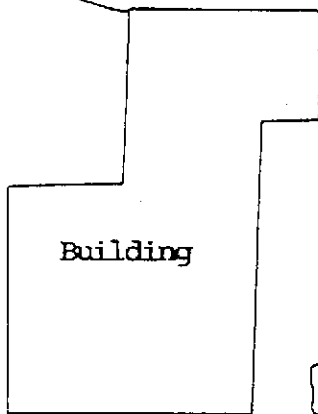


Residential Building

BROADWAY STREET



Location of
Former UST



Building



Location of
Former UST

87.06 MW-1

86.78 SIMW-4

85.97 MW-2

84.34 MW-3

82.26 SIMW-5

Commercial Building

Street
Flow Line

Monitoring Well

SCALE: 1"=20'

Figure 2

A P P E N D I X "C"

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GROUNDWATER SAMPLING

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

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

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

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

A P P E N D I X "D"



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Re: Five water samples for Gasoline analyses.

Project number: 8-90-420-GI

Project name: 5175 Broadway Street, Oakland

Date sampled: Nov 17, 1999

Date submitted: Nov 18, 1999

Date extracted: Nov 18-19, 1999

Date analyzed: Nov 18-19, 1999

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)
MW-1	1300
MW-2	2600
MW-3	17000
STMW-4	7900
STMW-5	1600
Blank	N.D.
Spiked Recovery	90.9%
Detection limit	50
Method of Analysis	5030/ 8015

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 5175 Broadway St., Oakland Project number: 8-90-420-GI

Sample I.D.: MW-1

Date Sampled: Nov 17, 1999
Date Analyzed: Nov 18-21, 1999

Date Submitted: Nov 18, 1999

Method of Analysis: EPA 8260 Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	3.6	71-43-2
Bromobenzene	N.D.	108-86-1
Bromochloromethane	N.D.	74-97-5
Bromodichloromethane	N.D.	75-27-4
Bromoform	N.D.	75-25-2
Bromomethane	N.D.	74-83-9
n-Butylbenzene	N.D.	104-51-8
sec-Butylbenzene	N.D.	135-98-8
tert-Butylbenzene	N.D.	98-06-6
Carbon tetrachloride	N.D.	56-23-5
Chlorobenzene	N.D.	108-90-7
Chloroethane	N.D.	75-00-3
Chloroform	N.D.	67-66-3
Chloromethane	N.D.	74-87-3
2-Chlorotoluene	N.D.	95-49-8
4-Chlorotoluene	N.D.	106-43-4
Dibromochloromethane	N.D.	124-38-1
1,2-Dibromo-3-chloropropane	N.D.	96-12-8
1,2-Dibromoethane	N.D.	106-93-4
Dibromoethane	N.D.	74-95-3
1,2-Dichlorobenzene	N.D.	95-50-1
1,3-Dichlorobenzene	N.D.	541-73-1
1,4-Dichlorobenzene	N.D.	106-46-7
Dichlorodifluoromethane	N.D.	75-71-8
1,1-Dichloroethane	N.D.	75-34-3
1,2-Dichloroethane	N.D.	107-06-2
1,1-Dichloroethene	N.D.	75-35-4
cis-1,2-Dichloroethene	N.D.	156-69-4
trans-1,2-Dichloroethene	N.D.	156-60-5
1,2-Dichloropropane	N.D.	78-87-5
1,3-Dichloropropane	N.D.	142-28-9
2,2-Dichloropropane	N.D.	594-20-7
1,1-Dichloropropene	N.D.	563-58-6



PRIORITY ENVIRONMENTAL LABS


Precision Environmental Analytical Laboratory

SAMPLE I.D. MW-1

PEL # 0001010
Page 2 of 2

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
---------------	--------------------------	---------------

Ethylbenzene	2.7	100-41-1
Hexachlorobutadiene	N.D.	87-68-3
MTBE	N.D.	-----
Isopropyltoluene	N.D.	98-82-8
p-Isopropyltoluene	N.D.	99-87-6
Methylene chloride	N.D.	75-09-2
Naphthalene	N.D.	91-20-3
n-Propylbenzene	N.D.	103-65-1
Styrene	N.D.	100-42-5
1,1,1,2-Tetrachloroethane	N.D.	630-20-6
1,1,2,2-Tetrachloroethane	N.D.	79-34-5
Tetrachloroethene	N.D.	127-18-4
Toluene	1.9	108-88-3
1,2,3-Trichlorobenzene	N.D.	87-61-6
1,2,4-Trichlorobenzene	N.D.	120-82-1
1,1,1-Trichloroethane	N.D.	71-55-6
1,1,2-Trichloroethane	N.D.	79-00-5
Trichloroethene	N.D.	79-01-6
Trichlorofluoromethane	N.D.	75-69-4
1,2,3-Trichloropropane	N.D.	96-18-4
1,2,4-Trimethylbenzene	N.D.	95-63-6
1,3,5-Trimethylbenzene	N.D.	108-67-8
Vinyl chloride	N.D.	75-01-4
o-Xylene	2.5	95-47-6
m-Xylene	4.8	108-38-3
p-Xylene	2.3	106-42-3


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 5175 Broadway St., Oakland Project number: 8-90-420-GI

Sample I.D.: MW-2

Date Sampled: Nov 17, 1999
Date Analyzed: Nov 18-21, 1999

Date Submitted: Nov 18, 1999

Method of Analysis: EPA 8260 Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
---------------	--------------------------	---------------

Benzene	7.0	71-43-2
Bromobenzene	N.D.	108-86-1
Bromochloromethane	N.D.	74-97-5
Bromodichloromethane	N.D.	75-27-4
Bromoform	N.D.	75-25-2
Bromomethane	N.D.	74-83-9
n-Butylbenzene	N.D.	104-51-8
sec-Butylbenzene	N.D.	135-98-8
tert-Butylbenzene	N.D.	98-06-6
Carbon tetrachloride	N.D.	56-23-5
Chlorobenzene	N.D.	108-90-7
Chloroethane	N.D.	75-00-3
Chloroform	N.D.	67-66-3
Chloromethane	N.D.	74-87-3
2-Chlorotoluene	N.D.	95-49-8
4-Chlorotoluene	N.D.	106-43-4
Dibromochloromethane	N.D.	124-38-1
1,2-Dibromo-3-chloropropane	N.D.	96-12-8
1,2-Dibromoethane	N.D.	106-93-4
Dibromoethane	N.D.	74-95-3
1,2-Dichlorobenzene	N.D.	95-50-1
1,3-Dichlorobenzene	N.D.	541-73-1
1,4-Dichlorobenzene	N.D.	106-46-7
Dichlorodifluoromethane	N.D.	75-71-8
1,1-Dichloroethane	N.D.	75-34-3
1,2-Dichloroethane	N.D.	107-06-2
1,1-Dichloroethene	N.D.	75-35-4
cis-1,2-Dichloroethene	N.D.	156-69-4
trans-1,2-Dichloroethene	N.D.	156-60-5
1,2-Dichloropropane	N.D.	78-87-5
1,3-Dichloropropane	N.D.	142-28-9
2,2-Dichloropropane	N.D.	594-20-7
1,1-Dichloropropene	N.D.	563-58-6



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010

Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 5175 Broadway St., Oakland Project number: 8-90-420-GI

Sample I.D.: MW-3

Date Sampled: Nov 17, 1999

Date Submitted: Nov 18, 1999

Date Analyzed: Nov 18-21, 1999

Method of Analysis: EPA 8260 Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
---------------	--------------------------	---------------

Benzene	39	71-43-2
Bromobenzene	N.D.	108-86-1
Bromochloromethane	N.D.	74-97-5
Bromodichloromethane	N.D.	75-27-4
Bromoform	N.D.	75-25-2
Bromomethane	N.D.	74-83-9
n-Butylbenzene	N.D.	104-51-8
sec-Butylbenzene	N.D.	135-98-8
tert-Butylbenzene	N.D.	98-06-6
Carbon tetrachloride	N.D.	56-23-5
Chlorobenzene	N.D.	108-90-7
Chloroethane	N.D.	75-00-3
Chloroform	N.D.	67-66-3
Chloromethane	N.D.	74-87-3
2-Chlorotoluene	N.D.	95-49-8
4-Chlorotoluene	N.D.	106-43-4
Dibromochloromethane	N.D.	124-38-1
1,2-Dibromo-3-chloropropane	N.D.	96-12-8
1,2-Dibromoethane	N.D.	106-93-4
Dibromoethane	N.D.	74-95-3
1,2-Dichlorobenzene	N.D.	95-50-1
1,3-Dichlorobenzene	N.D.	541-73-1
1,4-Dichlorobenzene	N.D.	106-46-7
Dichlorodifluoromethane	N.D.	75-71-8
1,1-Dichloroethane	N.D.	75-34-3
1,2-Dichloroethane	N.D.	107-06-2
1,1-Dichloroethene	N.D.	75-35-4
cis-1,2-Dichloroethene	N.D.	156-69-4
trans-1,2-Dichloroethene	N.D.	156-60-5
1,2-Dichloropropane	N.D.	78-87-5
1,3-Dichloropropane	N.D.	142-28-9
2,2-Dichloropropane	N.D.	594-20-7
1,1-Dichloropropene	N.D.	563-58-6



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory


PEL # 0001010

SAMPLE I.D. MW-3

Page 2 of 2

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
---------------	--------------------------	---------------

Ethylbenzene	31	100-41-1
Hexachlorobutadiene	N.D.	87-68-3
MTBE	N.D.	-----
Isopropyltoluene	N.D.	98-82-8
p-Isopropyltoluene	N.D.	99-87-6
Methylene chloride	N.D.	75-09-2
Naphthalene	N.D.	91-20-3
n-Propylbenzene	N.D.	103-65-1
Styrene	N.D.	100-42-5
1,1,1,2-Tetrachloroethane	N.D.	630-20-6
1,1,2,2-Tetrachloroethane	N.D.	79-34-5
Tetrachloroethene	N.D.	127-18-4
Toluene	22	108-88-3
1,2,3-Trichlorobenzene	N.D.	87-61-6
1,2,4-Trichlorobenzene	N.D.	120-82-1
1,1,1-Trichloroethane	N.D.	71-55-6
1,1,2-Trichloroethane	N.D.	79-00-5
Trichloroethene	N.D.	79-01-6
Trichlorofluoromethane	N.D.	75-69-4
1,2,3-Trichloropropane	N.D.	96-18-4
1,2,4-Trimethylbenzene	N.D.	95-63-6
1,3,5-Trimethylbenzene	N.D.	108-67-8
Vinyl chloride	N.D.	75-01-4
o-Xylene	33	95-47-6
m-Xylene	21	108-38-3
p-Xylene	30	106-42-3


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 5175 Broadway St., Oakland Project number: 8-90-420-GI

Sample I.D.: STMW-4

Date Sampled: Nov 17, 1999
Date Analyzed: Nov 18-21, 1999

Date Submitted: Nov 18, 1999

Method of Analysis: EPA 8260 Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
---------------	--------------------------	---------------

Benzene	21	71-43-2
Bromobenzene	N.D.	108-86-1
Bromochloromethane	N.D.	74-97-5
Bromodichloromethane	N.D.	75-27-4
Bromoform	N.D.	75-25-2
Bromomethane	N.D.	74-83-9
n-Butylbenzene	N.D.	104-51-8
sec-Butylbenzene	N.D.	135-98-8
tert-Butylbenzene	N.D.	98-06-6
Carbon tetrachloride	N.D.	56-23-5
Chlorobenzene	N.D.	108-90-7
Chloroethane	N.D.	75-00-3
Chloroform	N.D.	67-66-3
Chloromethane	N.D.	74-87-3
2-Chlorotoluene	N.D.	95-49-8
4-Chlorotoluene	N.D.	106-43-4
Dibromochloromethane	N.D.	124-38-1
1,2-Dibromo-3-chloropropane	N.D.	96-12-8
1,2-Dibromoethane	N.D.	106-93-4
Dibromoethane	N.D.	74-95-3
1,2-Dichlorobenzene	N.D.	95-50-1
1,3-Dichlorobenzene	N.D.	541-73-1
1,4-Dichlorobenzene	N.D.	106-46-7
Dichlorodifluoromethane	N.D.	75-71-8
1,1-Dichloroethane	N.D.	75-34-3
1,2-Dichloroethane	N.D.	107-06-2
1,1-Dichloroethene	N.D.	75-35-4
cis-1,2-Dichloroethene	N.D.	156-69-4
trans-1,2-Dichloroethene	N.D.	156-60-5
1,2-Dichloropropane	N.D.	78-87-5
1,3-Dichloropropane	N.D.	142-28-9
2,2-Dichloropropane	N.D.	594-20-7
1,1-Dichloropropene	N.D.	563-58-6



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 22, 1999

PEL # 0001010
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 5175 Broadway St., Oakland Project number: 8-90-420-GI

Sample I.D.: STMW-5

Date Sampled: Nov 17, 1999
Date Analyzed: Nov 18-21, 1999

Date Submitted: Nov 18, 1999

Method of Analysis: EPA 8260 Detection limit: 1.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
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Benzene	3.9	71-43-2
Bromobenzene	N.D.	108-86-1
Bromochloromethane	N.D.	74-97-5
Bromodichloromethane	N.D.	75-27-4
Bromoform	N.D.	75-25-2
Bromomethane	N.D.	74-83-9
n-Butylbenzene	N.D.	104-51-8
sec-Butylbenzene	N.D.	135-98-8
tert-Butylbenzene	N.D.	98-06-6
Carbon tetrachloride	N.D.	56-23-5
Chlorobenzene	N.D.	108-90-7
Chloroethane	N.D.	75-00-3
Chloroform	N.D.	67-66-3
Chloromethane	N.D.	74-87-3
2-Chlorotoluene	N.D.	95-49-8
4-Chlorotoluene	N.D.	106-43-4
Dibromochloromethane	N.D.	124-38-1
1,2-Dibromo-3-chloropropane	N.D.	96-12-8
1,2-Dibromoethane	N.D.	106-93-4
Dibromoethane	N.D.	74-95-3
1,2-Dichlorobenzene	N.D.	95-50-1
1,3-Dichlorobenzene	N.D.	541-73-1
1,4-Dichlorobenzene	N.D.	106-46-7
Dichlorodifluoromethane	N.D.	75-71-8
1,1-Dichloroethane	N.D.	75-34-3
1,2-Dichloroethane	N.D.	107-06-2
1,1-Dichloroethene	N.D.	75-35-4
cis-1,2-Dichloroethene	N.D.	156-69-4
trans-1,2-Dichloroethene	N.D.	156-60-5
1,2-Dichloropropane	N.D.	78-87-5
1,3-Dichloropropane	N.D.	142-28-9
2,2-Dichloropropane	N.D.	594-20-7
1,1-Dichloropropene	N.D.	563-58-6

CHAIN OF CUSTODY RECORD

PROJ. NO. 8-90-420-GI		NAME 5175 Broadway Street, Oakland				CON-TAINER	ANALYSES REQUESTED (2) TPH 8200B				REMARKS	
SAMPLERS: (Signature) <i>Richard Manley</i>											PEL # 0001010	
NO.	DATE	TIME	SOIL	WATER	LOCATION							
1	11/17/99	9 ³⁵		✓	MW-1	6	✓	✓				
2	↓	11 ⁰⁰		✓	MW-2	6	✓	✓				
3	↓	12 ⁴⁰		✓	MW-3	6	✓	✓				
4	↓	14 ²⁵		✓	STMW-4	6	✓	✓				
5	✓	16 ⁰⁵		✓	STMW-5	6	✓	✓				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
<i>Richard Manley</i>		11/18/99 14 ⁰⁰										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks				
				<i>[Signature]</i>		11/18/99 14:00						



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 Environmental & Geotechnical Consultants
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