ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

April 20, 2000

File No. 8-90-420-GI

Mr. Don Hwang
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

REGARDING: THE MEHDIZADEH'S PROPERTY
Located at 5175 Broadway Street, in
Oakland, California

Dear Mr. Hwang:

Enclosed is a copy of ESTC's quarterly groundwater monitoring and sampling of the subject property for your review and comments.

Per our phone conversation, please review STE's "Proposed Work Plan for Additional Soil & Groundwater Investigation", dated October 5, 1994, which was submitted to ACHCSA long ago for comments. Upto date, we have received any comments from ACHCSA for this work plan. ESTC's has mentioned this matter to Mr. Mohammad Mehdizadeh in our letter dated December 16, 1999 (attached).

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

cc: Mr. Mohammad Mehdizadeh

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

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

December 16, 1999

File No. 8-90-420-GI

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

SUBJECT: RESPONDING TO ACHCSA' S LETTER REGARDING THE PROPERTY
Located at 5175 Broadway Street, in Oakland, California

Dear Mr. Mehdizadeh:

This letter is in respond to the request of Alameda County Health Care Services Agency in the letter dated April 27, 1999; May 7, 1999; July 28, 1999; September 16, 1999 and November 23, 1999.

Responding to the followings:

1) QUARTERLY GROUNDWATER MONITORING WELLS:

Per our recommendations and County request, we are preparing monitoring and sampling in quarterly basis, unless directed by ACHCSA differently. The results and reports were sent to you and county regulatory.

2) WELLS CONSTRUCTION...:

These reports "Preliminary Site Assessment" dated June 13, 1990 by Tank Protect Engineering and "Additional Investigation and Groundwater Sampling" dated July 23, 1991 by Soil Tech Engineering, Inc. has been sent to Mr. Gil Wistar with ACHCSA, see attached responding letter dated October 25, 1990, November 9, 1990 and March 29, 1991. However; attached are the copies of the reports.

3) EXPLANATION FOR SEWERAGE ODORS:

The sewerage odors may be caused by anaerobic bio-degradation and age of petroleum products.

4) LIST OF LANDOWNERS FORM:

We have enclosed another copy of this form.

Furthermore, enclosed a copy of proposed work plan for additional soil and groundwater investigation dated October 5, 1994. ACHCSA has not response to this work plan. It is very import to implement this work plan to define the extent of contamination and off-site source.

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-PARD
GENERAL MANAGER

cc: Mr. Don Hwang, Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Alameda, CA 94502-6577

File No. 8-90-420-GI

QUARTERLY GROUNDWATER MONITORING AND SAMPLLING AT THE PROPERTY LOCATED AT 5175 BROADWAY STREET OAKLAND, CALIFORNIA FEBRUARY 29, 2000

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

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**

February 29, 2000

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 February 17, 2000, 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.

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 February 17, 2000, 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 February 17, 2000 (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 0.58 milligrams per liter (mg/L) and BTEX at (0.0011 mg/L; 0.0023 mg/L; 0.0036 mg/L and 0.0049 mg/L). Groundwater sample from monitoring well MW-2 detected low levels of TPHg at 1.7 mg/L and BTEX at (0.0032 g/L; 0.0068 mg/L; 0.011 mg/L and 0.0132 mg/L). Water sample from monitoring well MW-3 detected low levels of TPHg at 8.8 mg/L and BTEX at (0.016 mg/L; 0.039 mg/L; 0.074 mg/L and 0.09 mg/L). Monitoring well STMW-4 detected low levels of TPHg at 4.9 mg/L and BTEX at (0.0089 mg/L; 0.021 mg/L; 0.038 mg/L and 0.05 mg/L), respectively. Monitoring well STMW-5 detected low levels of TPHg at 0.77 mg/L and BTEX at (0.0015 mg/L; 0.0032 mg/L; 0.0058 mg/L and 0.007 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.

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

File No. 8-90-420-GI

A P P E N D I X "A"

ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-420-GI

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

T1

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	ND <0.05	0.0027	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	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
2/17/00				8.48	89.02	Light rainbow sheen Light sewerage odor	0.58	NA	0.0011	0.0023	0.0036	0.0049	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

T2

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
5/17/90	MW-2 (97.78)	23	15	10.00	87.78	NA	NA	NA	NA	NA	NA	NA	NA
9/26/90				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	0.0.15	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

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	MW-2 (97.49)	23	15	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
1/27/98				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
2/17/00				9.50	87.99	Light rainbow sheen Light sewerage odor	1.7	NA	0.0032	0.0068	0.011	0.0132	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

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-3 (98.14)	27	20	13.50	84.64	No sheen Mild petroleum odor	54	NA	5.1	0.42	1.6	8	NA
1/14/91				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

TT5

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-3 (97.94)	19.50	11.50	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
1/27/98				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	1.7	NA	0.039	0.022	0.031	0.084	ND <0.0005
2/17/00				10.68	87.26	Rainbow sheen Strong petroleum odor	8.8	NA	0.016	0.039	0.074	0.09	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

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
3/04/92	STMW-4 (101.08) resurveyed	19.50	11.50	9.44	9.64	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
1/11/93				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

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
8/17/98	STMW-4 (98.80)	19.50	11.50	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
8/17/99				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
2/17/00				9.32	89.48	Rainbow sheen Light petroleum odor	4.9	NA	0.0089	0.021	0.038	0.05	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

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-5 (101.36)	24	16	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 petroleum 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 petroleum odor	1	3.7	0.011	0.017	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
9/30/97				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

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-5 (97.14)	24	16	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
2/17/00				12.56	84.58	Rainbow sheen Light petroleum odor	0.77	NA	0.0015	0.0032	0.0058	0.007	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

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

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

Date	Sample Number	Compounds	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
2/17/2000	MW-1	Benzene	0.0011
		Ethylbenzene	0.0036
		Toluene	0.0023
		o-Xylene	0.0021
		m-Xylene	0.0012
		p-Xylene	0.0016
	MW-2	Benzene	0.0032
		Ethylbenzene	0.011
		Toluene	0.0068
		o-Xylene	0.0059
		m-Xylene	0.0034
		p-Xylene	0.0039
	MW-3	Benzene	0.016
		Ethylbenzene	0.074
		Toluene	0.039
		o-Xylene	0.037
		m-Xylene	0.022
		p-Xylene	0.031

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

Date	Sample Number	Compounds	Detection (mg/L)
2/17/2000	STMW-4	Benzene	0.0089
		Ethylbenzene	0.038
		Toluene	0.021
		o-Xylene	0.019
		m-Xylene	0.014
		p-Xylene	0.017
	STMW-5	Benzene	0.0015
		Ethylbenzene	0.0058
		Toluene	0.0032
		o-Xylene	0.0025
		m-Xylene	0.0022
		p-Xylene	0.0023

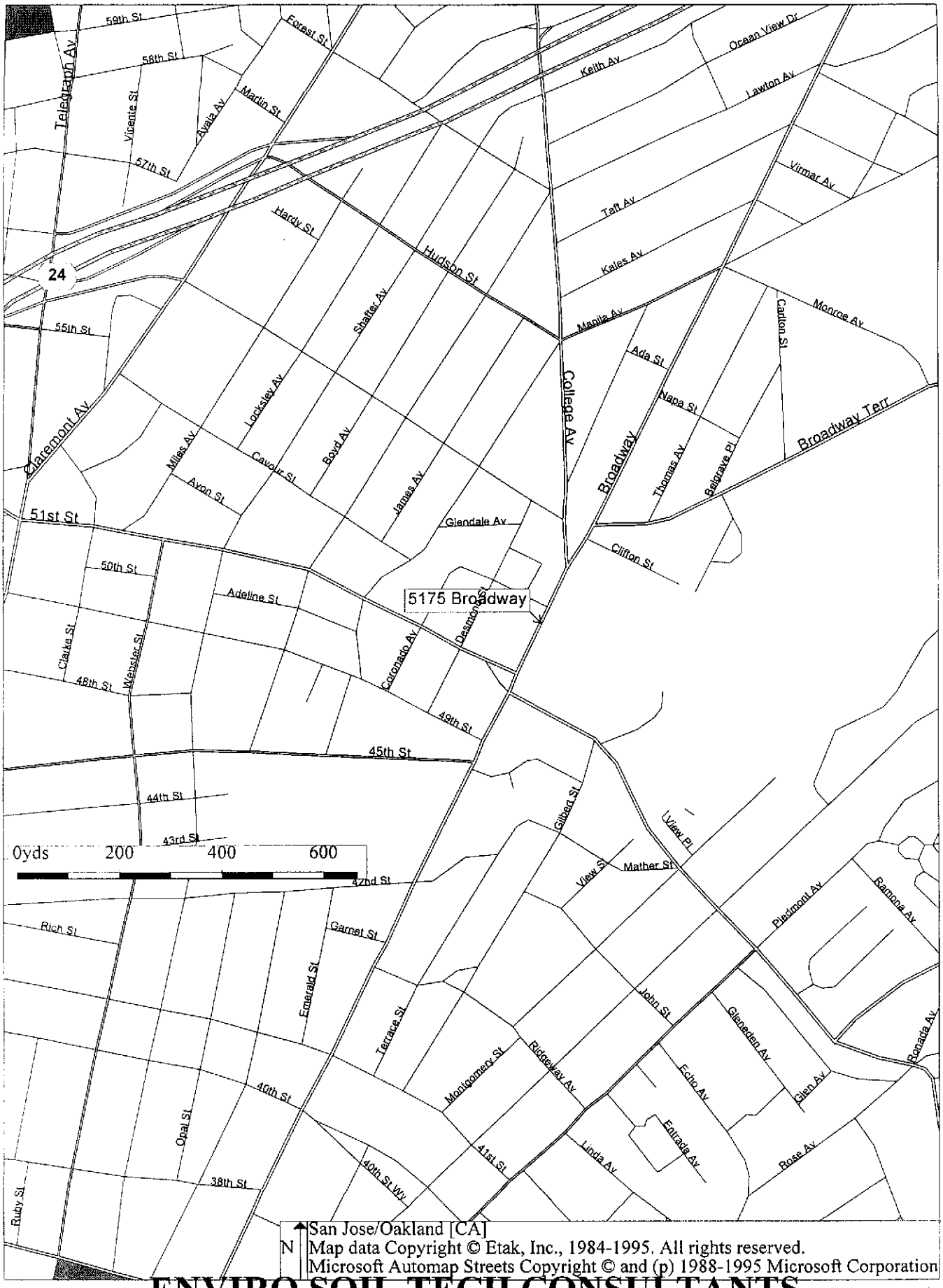
mg/L - Milligrams Per Liter

File No. 8-90-420-GI

A P P E N D I X "B"

ENVIRO SOIL TECH CONSULTANTS

File No. 8-90-420-GI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

File No. 8-90-420-GI

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.

File No. 8-90-420-GI

A P P E N D I X "D"

ENVIRO SOIL TECH CONSULTANTS

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

Feb 22, 2000 PEL # 0002022

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Re: Five water samples for Gasoline analyses.

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

Date sampled: Feb 17, 2000 Date submitted: Feb 18, 2000
Date extracted: Feb 18-19, 2000 Date analyzed: Feb 18-19, 2000

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)
MW-1	580
MW-2	1700
MW-3	8800
STMW-4	4900
STMW-5	770
Blank	N.D.
Spiked Recovery	84.2%
Detection limit	50
Method of Analysis	5030/ 8015

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 2000

PEL # 0002022
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: Feb 17, 2000
Date Analyzed: Feb 18-22, 2000

Date Submitted: Feb 18, 2000

Method of Analysis: EPA 8260

Detection limit: 5.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	1.1	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

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Precision Environmental Analytical Laboratory

PEL # 0002022

SAMPLE I.D. MW-1

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Ethylbenzene	3.6	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	2.3	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	2.1	95-47-6
m-Xylene	1.2	108-38-3
p-Xylene	1.6	106-42-3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 2000

PEL # 0002022
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: Feb 17, 2000

Date Submitted: Feb 18, 2000

Date Analyzed: Feb 18-22, 2000

Method of Analysis: EPA 8260

Detection limit: 5.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	3.2	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

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 0002022

SAMPLE I.D. MW-2 Page 2 of 2

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Ethylbenzene	11	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	6.8	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	5.9	95-47-6
m-Xylene	3.4	108-38-3
p-Xylene	3.9	106-42-3

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 2000

PEL # 0002022
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: Feb 17, 2000 Date Submitted: Feb 18, 2000
Date Analyzed: Feb 18-22, 2000

Method of Analysis: EPA 8260 Detection limit: 5.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	16	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

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Precision Environmental Analytical Laboratory

PEL # 0002022

SAMPLE I.D. MW-3

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Ethylbenzene	74	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	39	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	37	95-47-6
m-Xylene	22	108-38-3
p-Xylene	31	106-42-3

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 2000

PEL # 0002022
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: Feb 17, 2000

Date Submitted: Feb 18, 2000

Date Analyzed: Feb 18-22, 2000

Method of Analysis: EPA 8260

Detection limit: 5.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	8.9	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

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

SAMPLE I.D. STMW-4

PEL # 0002022
Page 2 of 2

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Ethylbenzene	38	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	21	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	19	95-47-6
m-Xylene	14	108-38-3
p-Xylene	17	106-42-3

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 2000

PEL # 0002022
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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: Feb 17, 2000

Date Submitted: Feb 18, 2000

Date Analyzed: Feb 18-22, 2000

Method of Analysis: EPA 8260

Detection limit: 5.0 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Benzene	1.5	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

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 0002022

SAMPLE I.D. STMW-5

COMPOUND NAME	CONCENTRATION (ug/L)	C.A.S. no.
Ethylbenzene	5.8	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	3.2	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	2.2	108-38-3
p-Xylene	2.3	106-42-3

David Duong
Laboratory Director

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CHAIN OF CUSTODY RECORD

PEL # 0002022
INV # 30048

PROJ. NO.	NAME
8-90-4206I	5175 Broadway Street, Oakland

SAMPLERS: *(Signature)* Richard Makley

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	ANALYSES REQUESTED (2) TPHg	8260B					REMARKS
1	2/17/00	9:00		✓	MW-1	6	✓	✓					
2		10:30		✓	MW-2	6	✓	✓					
3		12:00		✓	MW-3	6	✓	✓					
4		13:40		✓	STMW-4	6	✓	✓					
5	↓	15:00		✓	STMW-5	6	✓	✓					

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Receive by: *(Signature)*
Richard Makley	2/18/2000 13:35				
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	
			2/18/2000 13:35		

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