FIFTH QUARTERLY GROUNDWATER

MONITORING AND SAMPLING

FOR KAMUR INDUSTRIES CAR WASH

LOCATED AT 2351 SHORELINE DRIVE

ALAMEDA, CALIFORNIA

AUGUST 12, 1992

PREPARED FOR:

KAMUR INDUSTRIES, INC.

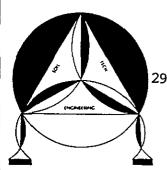
2351 SHORELINE DRIVE

ALAMEDA, CALIFORNIA 94501

BY:

SOIL TECH ENGINEERING, INC.
298 BROKAW ROAD
SANTA CLARA, CALIFORNIA 95050

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### SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

August 12, 1992

File No. 8-90-418-SI

Kamur Industries, Inc. 2351 ShoreLine Drive Alameda, California 94501

ATTENTION: MR. MURRAY STEVENS

SUBJECT: QUARTERLY GROUNDWATER MONITORING AND

SAMPLING FOR KAMUR INDUSTRIES CAR WASH Located at 2351 ShoreLine Drive, in

Alameda, California

Dear Mr. Stevens:

This report presents the results of the fifth quarterly groundwater monitoring and sampling conducted by Soil Tech Engineering, Inc. (STE), on July 30, 1992, at the subject site (Figure 1).

Four monitoring wells (STMW-1 to STMW-4) are located on-site. See Figure 2 for the locations of the wells. This quarterly monitoring and sampling was conducted in accordance with STE's recommendations made in "Preliminary Subsurface Environmental Assessment", dated July 2, 1991. During this quarter's reporting period, the following field activities were performed:

- Measured depth-to-groundwater in all wells.
- Purged each monitoring well prior to sampling.
- Sampled each monitoring well.
- Submitted water samples to a State-Certified laboratory for analysis.
- Reviewed results and prepared a report of the investigation.

This report is being sent to Alameda County Health Department (ACHD) and the California Regional Water Quality Control Board (CRWQCB) per your request.

If you have any questions or require additional information, please feel free to contact our office at your convenience.

Sincerely,

SOIL TECH ENGINEERING, INC.

LAWRENCE KOO, P. E.

C. E. #34928

NOORODDIN AMELI PROJECT ENGINEER

FRANK HAMEDI-FARD GENERAL MANAGER QUARTERLY MONITORING AND SAMPLING REPORT
KAMUR INDUSTRIES, INC.
CAR WASH FACILITY
LOCATED AT 2351 SHORELINE DRIVE
ALAMEDA, CALIFORNIA
AUGUST 12, 1992

#### INTRODUCTION:

This report presents the fifth quarterly groundwater monitoring and sampling of the four on-site wells performed by Soil Tech Engineering, Inc. (STE), for Kamur Industries, Inc., car wash facility located at 2351 ShoreLine Drive, Alameda, California (Figure 1). The monitoring and sampling program was conducted in accordance with our recommendation described in STE's report, dated July 2, 1991.

#### BACKGROUND:

The site is located at 2351 ShoreLine Drive, Alameda, California (Figure 1). The site was formerly used as a gasoline service station and a car wash. In July 1990, three underground gasoline tanks (10,000 gallons each) were removed by Zacor Corporation. Soil sampling was conducted by Environmental Bio-Systems, Inc. (EBS). The soil sample analytical results taken beneath the underground tank showed high concentrations of Total Petroleum Hydrocarbons as gasoline (TPHg), which ranged from 360 parts per million (ppm) to a maximum of 9,500 ppm.

In addition to tank removal, EBS Consultants used a hand auger to conduct additional shallow soil sampling from the undisturbed area surrounding the former tank excavation. The depth of the soil sampling ranged from 5.1 to 7.1 feet below ground surface. The undisturbed soil analytical results showed moderate levels of TPHg and BTEX. No groundwater investigation was conducted by EBS.

Alameda County Health Care Services--Department of Environ-mental Health (ACHCS-DEH) requested a preliminary soil/groundwater investigation including the removal of contaminated soil and the further delineation of the extent of petroleum hydrocarbons in the soil and groundwater.

In August 1990, Kamur Industries, Inc., retained STE to conduct further investigations as requested by the ACHCS-DEH. STE prepared a work plan (dated August 30, 1990) to conduct further investigation for local agency approval. STE performed a preliminary subsurface investigation in February and March 1991 which were as follows:

- Task 1: Removed contaminated soil to the depth feasible and arranged for its proper disposal.
- Task 2: Drilled ten exploratory borings.
- Task 3: Installed four monitoring wells.

The preliminary subsurface investigation is described in STE's report, dated July 2, 1991, entitled "Preliminary Subsurface Environmental Assessment at Kamur Industries, Inc., Car Wash. . ." The report recommended quarterly monitoring and sampling of the four on-site wells.

In July 1991, quarterly groundwater monitoring and sampling of the four wells (STMW-1 to STMW-4) were initiated. The results of the first quarterly sampling are summarized in STE's report, dated July 30, 1991. The second quarterly sampling was conducted in October 1991, and the results are summarized in STE's report dated November 12, 1991. The third quarterly sampling was conducted in January 17, 1992, and the results are summarized in STE's report dated February 5, 1992. The fourth quarterly sampling was conducted in April 27, 1992, and the results are summarized STE's report dated May 8, 1992.

The site is currently used as car washing facility surrounded by a paved parking lot.

### FIELD ACTIVITIES:

#### GROUNDWATER MONITORING:

The four on-site wells (STMW-1 to STMW-4) were monitored on July 30, 1992, using an electronic probe capable of measuring free-floating product and depth-to-water. A blackish, light petroleum sheen and petroleum odor were detected in well STMW-1 and STMW-3

during the field observation. No petroleum sheen was observed in these two wells after purging of the well for sampling. Table 1 summarizes the monitoring data.

The water elevation data were used to determine groundwater direction. The groundwater flow direction beneath the site was in northerly direction as of July 30, 1992 (Figure 2).

### GROUNDWATER SAMPLING:

On July 30, 1992, following visual groundwater monitoring, each well was purged and sampled in accordance with STE's Standard Operation Procedures (Appendix "B"), which follows state and local agency guidelines. The samples were submitted for analysis to a state-certified laboratory, accompanied by a chain-of-custody record.

The groundwater extracted from the wells during purging and sampling process was stored in 55-gallons drums and remain on-site pending proper disposal.

#### CHEMICAL ANALYSIS AND RESULTS:

The water samples from wells STMW-1, STMW-2, STMW-3 and STMW-4 were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) per EPA Methods 5030/8015. Water samples from wells STMW-1, STMW-2 and STMW-3 were analyzed for Volatile Organic Compounds (VOC's) per

EPA Method 601. Water sample from well STMW-3 was also analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) per EPA Method 3550, and Total Oil and Grease (TOG).

Well STMW-4 showed TPHg, Benzene, Toluene, Ethylbenzene and Total Xylenes below detection limit. Low to moderate concentrations of TPHg were detected in wells STMW-1, STMW-2 and STMW-3 ranging from 0.05 milligrams per liter (mg/L) to a maximum of 340 mg/L. Benzene concentrations in wells STMW-1 and STMW-3 were 1.2 mg/L; Toluene concentrations ranged from 0.0025 mg/L to 2.2 mg/L; Ethylbenzene levels ranged from 0.0009 mg/L to 1.4 mg/L; and Total Xylenes were 0.011 mg/L to 9.3 mg/L, respectively. The concentration of TPH as diesel in well STMW-3 was 1.5 mg/L, and TOG concentration level was 6 mg/L.

Water samples from wells STMW-1 and STMW-3 detected Trichloroethene (from 0.0017 to 0.0098 mg/L) and Tetrachloroethene (from 0.0092 to 0.024 mg/L).

The analytical results are summarized in Table 2. The laboratory results and chain-of-custody records are in Appendix "C".

#### SUMMARY:

A comparison of the recent results with the last quarter (April 27, 1992) results showed an increase in the concentrations of TPHg and BTEX in wells STMW-1, STMW-2 and STMW-3. Well STMW-4

continued to show non-detectable levels of TPHg and BTEX levels. TOG concentrations in well STMW-3 increase from 4.7 mg/L to 6 mg/L. TPHd concentrations in well STMW-3 decrease from 3 mg/L to 1.5 mg/L.

Well STMW-2 continued to show VOC's below detection limit. Wells STMW-1 and STMW-3 showed an increase in the concentrations of Trichloroethene and Tetrachloroethene.

#### RECOMMENDATION:

At this time, the dissolve contamination beneath the site is relatively low to moderate level. The shallow groundwater beneath the site is not used for domestic. Significant impact due to minor dissolved plum migration is considered remote. Dilution and natural bio-degradation may reduce contamination over time, thus reducing potential impacts. Therefore, we recommend continual of quarterly monitoring and sampling of the on-site wells for additional three more quarters. The proposed program will be reevaluated at the end of fourth quarters, unless a joint agreement is reached with the adjacent owner to do an interim remediation.

Next quarterly monitoring and sampling program is scheduled in October 1992.

A copy of this report will be sent to Alameda County Health Department and to California Regional Water Quality Control Board, San Francisco Bay Region as requested.

### LIMITATIONS:

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.

TABLE 1
GROUNDWATER MONITORING DATA

: 	T					
Date	Well #	Well Head Elevation (feet)	Depth-to Water (feet)	Water Elevation (feet)	Petroleum Thickness (inches)	Petroleum Odor
7/08/91	STMW-1	99.46	7.54	91.92	Sheen	Strong
	STMW-2	98.12	6.23	91.89	None	None
	STMW-3	99.90	7.96	91.94	None	Mild
	STMW-4	98.78	6.90	91.88	None	None
10/21/91	STMW-1	99.46	7.63	91.83	L. Sheen	Strong
	STMW-2	98.12	6.33	91.79	None	None
	STMW-3	99.90	7.83	92.07	Sheen	Strong
	STMW-4	98.78	6.54	92.24	None	None
1/17/92*	STMW-1	8.10	6.96	1.14	Sheen	Strong
	STMW-2	7.01	5.69	1.32	None	None
	STMW-3	8.33	6.71	1.62	Sheen	Strong
	STMW-4	7.45	6.00	1.45	None	None

<sup>\*</sup> Well casing elevation surveyed by the other consultant.

### TABLE 1 CONT'D GROUNDWATER MONITORING DATA

Date	Well No.	Well Head Elevation feet	Depth-to- Water feet	Water Elevation feet	Petroleum Thickness	Petroleum Odor
4/27/92	STMW-1	8.10	6.69	1.41	Sheen	Mila
<u> </u>	STMW-2	7.01	5.52	1.49	None	None
	STMW-3	8.33	6.86	1.47	Sheen	Strong
	STMW-4	7.45	5.84	1.61	None	None
7/30/92	STMW-1	8.10	7.40	0.70	Sheen	Mild
	STMW-2	7.01	6.20	0.81	None	None
	STMW-3	8.33	7.71	0.62	Sheen	Strong
	STMW-4	7.45	6.64	0.81	None	None

### TABLE 2 GROUNDWATER ANALYTICAL RESULTS

### . DISSOLVED PETROLEUM HYDROCARBONS IN MILLIGRAMS PER LITER (mg/L)

Well #	Date	трна	ТРНд	В	T	E	х	TOG
STMW-1	4/05/91	NA	180	11	20	3.2	18	NA
]	7/04/91	NA	58	14	7	2.7	8.3	NA
	10/31/91	NA	112.6	19.6	19	ND	26.4	NA
	1/17/92	NA	160	16	6.8	2.6	16	NA
	4/27/92	NA	54	0.72	0.2	0.5	1.3	NA
	7/30/92	NA	73	1.2	0.77	1.1	2.7	NA
STMW-2	4/05/91	NA	ND	ND	ND	ND	ND	NA
	7/04/91	NA	ND	ND	ND	ND	ND	NA
	10/21/91	NA	ИD	0.004	ND	ND	ND	NA
	1/17/92	NA	ND	ND	ND	ND	ND	NA
	4/27/92	NA	ND	ND	ND	ND	ND	NA
	7/30/92	NA	0.05	ND	0.0025	0.0009	0.011	NA

TPHg = Total Petroleum Hydrocarbons as gasoline TPHd = Total Petroleum Hydrocarbons as diesel

BTEX = Benzene, Toluene, Ethylbenzene, Total Xylenes

NA = Not Analyzed

ND = Not Detected (Below Detection Limit)

### TABLE 2 CONT'D GROUNDWATER ANALYTICAL RESULTS

### . DISSOLVED PETROLEUM HYDROCARBONS IN (mg/L) CONT'D

Well #	Date	TPHd	TPHg	В	T	Е	x	TOG
STMW-3	4/05/91	NA	260	20	34	3.6	19	NA
	7/04/91	11	66	11	17	1.9	8.9	ND
	10/21/91	ND	165	48.5	19	ND	46	20
	1/17/92	ND	390	21	41	6.4	4.7	7.9
	4/27/92	3	120	0.66	0.9	0.48	1.8	4.7
	7/30/92	1.5	340	1.2	2.2	1.4	9.3	6
STMW-4	4/05/91	NA	ND	0.3	0.3	ND	0.7	NA
	7/04/91	NA	ND	ND	ND	ND	ND	NA
	10/21/91	NA	0.186	0.011	0.005	ND	0.037	NA
	1/17/92	NA	0.06	0.0008	0.0024	0.0005	0.004	NA
	4/27/92	NA	ND	ND	ND	ND	ND	NA
	7/30/92	NA	ND	ND	ND	ND	ND	NA

TPHd - Total Petroleum Hydrocarbons as diesel

TPHg - Total Petroleum Hydrocarbons as gasoline

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes

TOG - Total Oil and Grease

ND - Not Detected (Below Laboratory Detection Limit)

NA - Not Analyzed

### TABLE 2 CONT'D GROUNDWATER ANALYTICAL RESULTS

### II. VOLATILE ORGANIC COMPOUNDS (VOC's) RESULTS

Date	Monitoring Well No.	VOC Compounds Detected Per EPA Metho Results in Parts Per Billion (ppb)	d 601	DHS-DWS (ppb)
4/05/91	STMW-1	1,2-Dichloroethane Trichloroethylene 1,1,2-Trichloroethane (PEC) Tetrachloroethene cis-1,2-Dichloroethene	350 4 0.5 0.9	0.5 5 32 5 6
7/04/91	STMW-1	1,2-Dichloroethane	290	
10/21/91	STMW-1	Carbon Tetrachloride	48	
1/17/92	STMW-1	None Detected		
4/27/92	STMW-1	None Detected		
7/30/92	STMW-1	Trichloroethene Tetrachloroethene	1.7 9.2	
4/05/91	STMW-2	1,2-Dichloroethane Trichloroethylene Tetrachloroethene	8 4 27	0.5 5 5
7/04/91	STMW-2	Trichloroethene (Trichloroethylene) Tetrachloroethene	1.3 18	
10/21/91	STMW-2	None Detected		
1/17/92	STMW-2	Trichloroethene Tretrachloroethene	0.0028 0.011	

DHS-DWS - Department of Health Services--Drinking Water Standards

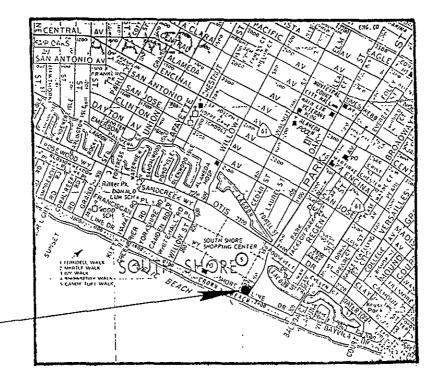
### TABLE 2 CONT'D GROUNDWATER ANALYTICAL RESULTS

### I. VOLATILE ORGANIC COMPOUNDS (VOC's) RESULTS CONT'D

Date	Monitoring Well No.	VOC Compounds Detected Per EPA Method 601 Results in Parts Per Billion (ppb)	DHS-DWS (ppb)
4/27/92	STMW-2	None Detected	
7/30/92	STMW-2	None Detected	
4/05/91	STMW-3	1,2-Dichloroethane 450	0.5
7/04/91	STMW-3	Methylene Chloride 9 Trichloroethene 230	
10/21/91	STMW-3	Carbon Tetrachloride 40	
1/17/92	STMW-3	None Detected	
4/27/92	STMW-3	None Detected	
7/30/92	STMW-3	Trichloroethene 9.8 Tetrachloroethene 24	
4/05/91	STMW-4	None Detected	
7/04/91	STMW-4	None Detected	
10/21/91	STMW-4	None Detected	
1/17/92	STMW-4	None Detected	
4/27/92	STMW-4	Not Detected	
7/30/92	STMW-4	Not Detected	

DHS-DWS = Department of Health Services--Drinking Water Standards

A P P E N D I X "A"

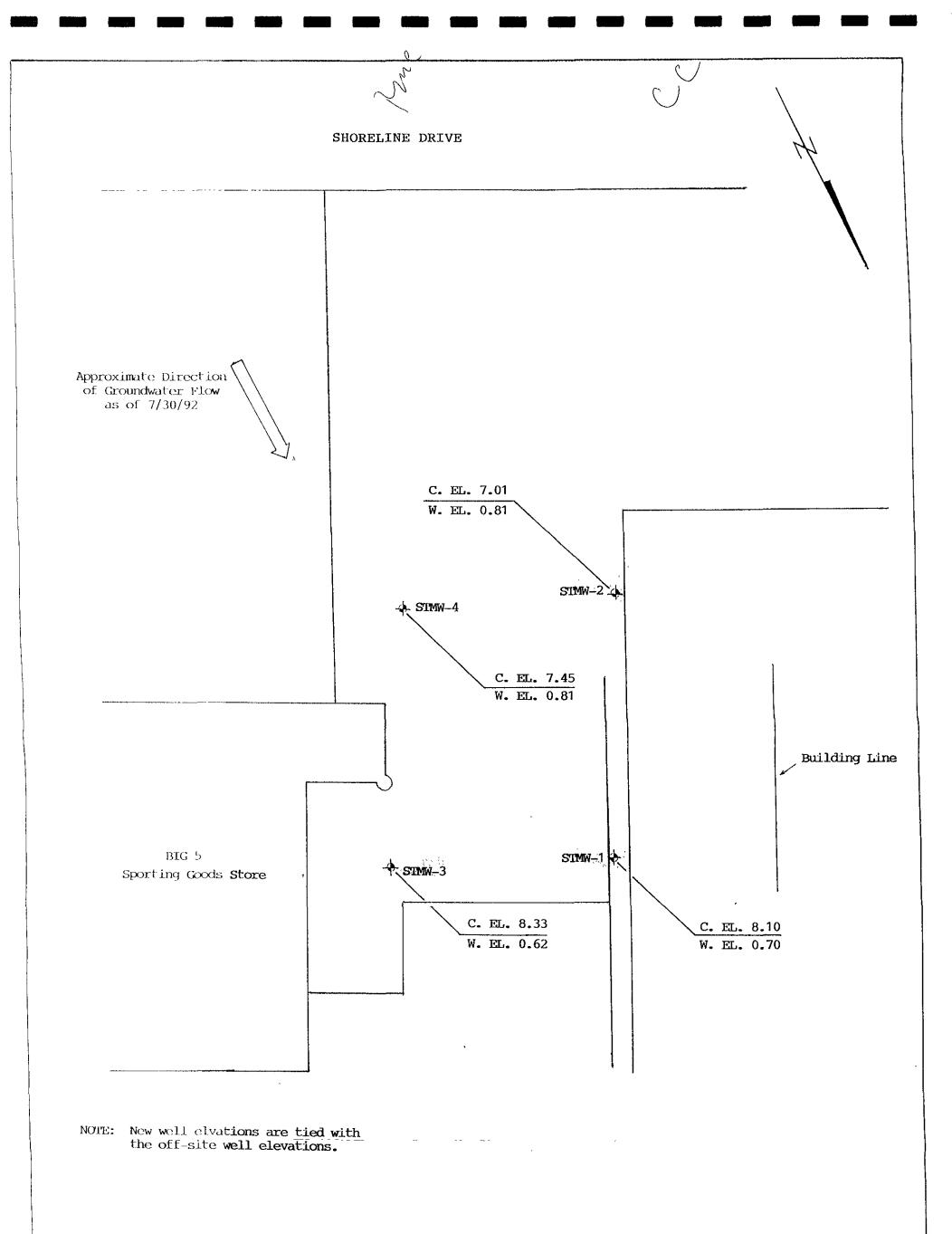




Site — Location

> Thomas Brothers Map 1982 Edition Alameda - Contra Costa Counties

> > Page 11 D7



2351 SHORELINE DRIVE, ALAMEDA, CALIFORNIA

SCALE: 1"=30'
PROJECT NO. 8-90-418-SI
FIGURE - 2
4-27-92

SOIL TECH ENGINEERING, INC.
298 BROKAW ROAD, SANTA CLARA, CALIFORNIA 95050

A P P E N D I X "B"

#### 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 in the well recovered to 80% of its static level.

Forty milliliter (ml.), glass volatile organic analysis (VOA) vials with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap 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.

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Environmental Analytical Laboratory Precision

August 03, 1992

PEL # 9207069

SOIL TECH ENGINEERING

Noori Ameli

Re:

Four water samples for Gasoline/BTEX , Diesel, and

Oil & Grease analyses.

Project name: 2351 Shoreline Dr. -Alameda

Project number: 8-90-418-SI

Date extracted: Aug 01-03,1992

Date sampled: July 30, 1992

Date submitted: July 31, 1992

Date analyzed: Aug 01-03,1992

RESULTS:

SAMPLE I.D.	Gasoline	Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Oil & Grease
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L)
STMW-1	73000		1200	770	1100	2700	40 00
STMW-2	50		N.D.	2.5	0.9	11	
STMW-3	340000	1500	1200	2200	1400	9300	6.0
STMW-4	N.D.		N.D.	N.D.	N.D.	N.D.	
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	95.2%	90.9%	95.3%	94.2%	102.1%	96.7%	
Duplicate Spiked Recovery	94.8%	102.5%	87.6%	89.4%	95.8%	93.2%	
Detection limit	50	50	0.5	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	3510 / 8015	602	602	602	602	5520 C & F

Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636

Fax: 408-946-9663



Precision Environmental Analytical Laboratory

August 08, 1992

PEL #: 9207069

SOIL TECH ENGINEERING

Project Name: 2351 Shoreline Dr.-Alameda

Attn: Noori Ameli Project Number: 8-90-418-SI

Sample I.D.: STMW-1

Date Sampled: July 30, 1992

Date Analyzed: Aug 08, 1992

Date Submitted: July 31, 1992

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION ( ug/L )	SPIKE RECOVERY (%)
Chloromethane	N.D.	
Vinyl Chloride	N.D.	90.2
Bromomethane	N.D.	
Chloroethane	N.D.	<del></del>
Trichlorofluoromethane	N.D.	
1,1-Dichloroethene	N.D.	
Methylene Chloride	N.D.	92.1
1,2-Dichloroethene (TOTAL)	N.D.	ngay agas also black maps
1,1-Dichloroethane	N.D.	
Chloroform	N.D.	
1,1,1-Trichloroethane	N.D.	
Carbon Tetrachloride	N.D.	
1,2-Dichloroethane	N.D.	
Trichloroethene	1.7	88.5
1,2-Dichloropropane	N.D.	
Bromodichloromethane	N.D.	
2-Chloroethylvinylether	N.D.	
Trans-1,3-Dichloropropene	N.D.	
Cis-1,3-Dichloropropene	N.D.	
1,1,2-Trichloroethane	N.D.	
Tetrachloroethene	9.2	95 <b>.</b> 7
Dibromochloromethane	N.D.	
Chlorobenzene	N.D.	
Bromoform	N.D.	
1,1,2,2-Tetrachloroethane	N.D.	
1,3-Dichlorobenzene	N.D.	
1,4-Dichlorobenzene	N.D.	<del>_</del> _
1,2-Dichlorobenzene	N.D.	<b>_</b>

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636 Fax: 408-946-9663



Precision Environmental Analytical Laboratory

August 08, 1992

PEL #: 9207069

SOIL TECH ENGINEERING

Project Name: 2351 Shoreline Dr.-Alameda

Attn: Noori Ameli Project Number: 8-90-418-SI

Sample I.D.: STMW-2

Date Sampled: July 30, 1992

Date Analyzed: Aug 08, 1992

Date Submitted: July 31, 1992

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME CONCENTRATION SPIKE RECOVERY

	( ug/L )	(%)
Chloromethane	N.D.	
Vinyl Chloride	N.D.	90.2
Bromomethane	N.D.	
Chloroethane	N.D.	
Trichlorofluoromethane	N.D.	
1,1-Dichloroethene	N.D.	
Methylene Chloride	N.D.	92.1
1,2-Dichloroethene (TOTAL)	N.D.	
1,1-Dichloroethane	N.D.	
Chloroform	N.D.	
1,1,1-Trichloroethane	N.D.	
Carbon Tetrachloride	N.D.	
1,2-Dichloroethane	N.D.	
Trichloroethene	N.D.	88.5
1,2-Dichloropropane	N.D.	
Bromodichloromethane	N.D.	
2-Chloroethylvinylether	N.D.	
Trans-1,3-Dichloropropene	N.D.	
Cis-1,3-Dichloropropene	N.D.	
1,1,2-Trichloroethane	N.D.	
Tetrachloroethene	N.D.	95 <b>.</b> 7
Dibromochloromethane	N.D.	
Chlorobenzene	N.D.	
Bromoform	N.D.	
1,1,2,2-Tetrachloroethane	N.D.	
1,3-Dichlorobenzene	N.D.	
1,4-Dichlorobenzene	N.D.	<del></del>
1,2-Dichlorobenzene	N.D.	

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636 Fax: 408-946-9663



Precision Environmental Analytical Laboratory

August 08, 1992

PEL #: 9207069

SOIL TECH ENGINEERING

Project Name: 2351 Shoreline Dr.-Alameda

Project Number: 8-90-418-SI

Attn: Noori Ameli

Sample I.D.: STMW-3

Date Sampled: July 30, 1992

Date Analyzed: Aug 08, 1992

Date Submitted: July 31, 1992

Method of Analysis: EPA 601 Detection limit: 0.5 ug/L

COMPOUND NAME CONCENTRATION SPIKE RECOVERY (%) (ug/L)Chloromethane N.D. Vinyl Chloride N.D. 90.2 Bromomethane N.D. Chloroethane N.D. Trichlorofluoromethane N.D. 1,1-Dichloroethene N.D. Methylene Chloride N.D. 1,2-Dichloroethene (TOTAL) N.D. 1,1-Dichloroethane N.D. Chloroform N.D. 1,1,1-Trichloroethane N.D. Carbon Tetrachloride N.D. 1,2-Dichloroethane N.D. Trichloroethene 88.5 9.8 1,2-Dichloropropane N.D. Bromodichloromethane N.D. 2-Chloroethylvinylether N.D. Trans-1,3-Dichloropropene N.D. Cis-1,3-Dichloropropene N.D. 1,1,2-Trichloroethane N.D. Tetrachloroethene 24 Dibromochloromethane N.D. Chlorobenzene N.D. Bromoform N.D. 1,1,2,2-Tetrachloroethane N.D. 1,3-Dichlorobenzene N.D. 1,4-Dichlorobenzene N.D. 1,2-Dichlorobenzene N.D.

David Duong
Laboratory Director

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

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