



June 15, 1992

Project No. 020501659

404 Market Bahland 94607

Mr. Steven Ritchie Executive Officer California Regional Water Quality Control Board San Francisco Bay Region 2101 Webster Street, Suite 500 Oakland, CA 94612

RE:

SUBMITTAL OF THE QUARTERLY REPORT OF GROUNDWATER MONITORING AND RELATED ACTIVITIES CONDUCTED AT THE SAFETY-KLEEN OAKLAND SERVICE CENTER, OAKLAND, CALIFORNIA.

Dear Mr. Ritchie:

Safety-Kleen Corporation is pleased to present this report which summarizes the activities conducted at the Safety-Kleen Oakland Service Center during the period from March through May 1992.

We hope this report meets your needs at this time. If you have any questions or comments, please call either Mr. Mike Wray of Groundwater Technology, Inc., at (510) 871-2387, or me at (310) 831-3903.

Sincerely.

Änne Lunt

Senior Project Manager - Remediation

will Wray for

Safety-Kleen Corporation

cc:

Ms. Jane Maier, Safety-Kleen Corporation

Mr. Gary Long, Safety-Kleen Corporation

Mr. Ed Hoople, Safety-Kleen Corporation

Mr. Alfred Wong, State of California Department of Health Services

Mr. Dennis Byrnes, Alameda County Department of Environmental Services

Mr. Mike Wray, Groundwater Technology, Inc.

Enclosure

R1659A4.DH (62)

(02)



QUARTERLY GROUNDWATER MONITORING REPORT SAFETY-KLEEN OAKLAND SERVICE CENTER OAKLAND, CALIFORNIA MARCH THROUGH MAY 1992

6-15-92

020501659

JUNE 15, 1992

Prepared for:
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Groundwater Technologies, Inc. Written/Submitted by

Deborah H. Horner

Geologist

Michael J. Wray Project Manager

R1659A4.DH (62) **Groundwater Technologies, Inc.** Reviewed/Approved by

DAVIO R. KLEESATTE NO. 5138

David R. Kleesattel

Registered Geologis

No. 5136

For:

John Gaines

Regional Manager

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QUARTERLY GROUNDWATER MONITORING REPORT SAFETY-KLEEN OAKLAND SERVICE CENTER OAKLAND, CALIFORNIA MARCH THROUGH MAY 1992

JUNE 15, 1992

1.0 INTRODUCTION

This report discusses the groundwater monitoring and related environmental assessment activities conducted by Groundwater Technology, Inc. at the Safety-Kleen facility located at 404 Market Street of Adaptive of California (Figure 1). The period discussed in this report is from March through May 1992. Activities performed previously were addressed in the Quarterly Report of Groundwater Monitoring, Safety-Kleen Oakland Service Center, for December 1991 through February 1992.

2.0 SITE BACKGROUND

The Safety-Kleen Oakland Service Center serves as a local distribution center for Safety-Kleen products. The clean and spent mineral spirits were previously stored in three underground storage tanks (USTs). Two 6,000-gallon steel USTs were used to store spent mineral spirits before shipment to Safety-Kleen's recycling center in Reedley, California. A third, 10,000-gallon UST was used to store clean mineral spirits.

The three former USTs were replaced with two new double-walled tanks in June and July 1990. All appropriate permits were obtained before the tank removal operation. The Report of Underground Storage Tank Replacement Activities, dated September 1990, was submitted to the Department of Health Services and the California Regional Water Quality Control Board.



3.0 SCOPE OF WORK

3.1 Groundwater Monitoring

Monthly groundwater monitoring and sampling was performed at the Safety-Kleen Oakland Service Center for 20 months, ending August 1990, at which time a quarterly monitoring and sampling program began. The previous quarterly sampling event was conducted on February 14, 1992. This report presents the results of the April 27, 1992, monitoring and sampling event.

Wellhead elevations have been surveyed relative to mean sea level to allow determination of groundwater elevations relative to a known datum. The wells were monitored for depth to water using an INTERFACE PROBE™ Well Monitoring System. A clear bailer was used to measure 2.5 feet of separate-phase hydrocarbons in well MW-9. Table 1 summarizes the April 27, 1992, monitoring data.

Figure 2 illustrates the potentiometric surface of the shallow groundwater as interpreted from the monitoring data presented in Table 1. Because monitoring well MW-13 is completed in a deeper hydrogeologic zone, data from that well was excluded in preparing the potentiometric surface map (Figure 2). The apparent groundwater flow direction is toward the south-southwest with an average gradient of 0.002 ft/ft in the site vicinity.

3.2 Groundwater Sampling

Groundwater sampling was conducted by initially purging each well until the extracted water indicated that the temperature, pH, and conductivity had stabilized. Water levels were then allowed to recover to at least 80 percent of their original static level. Groundwater samples were then collected using a clean TeffonTM sampling bailer. The samples were placed into 40-milliliter glass vials, labeled, placed in an ice-chilled cooler and delivered under chain-of-custody protocol to GTEL Environmental Laboratories, Inc., a California-certified laboratory (CA Cert. No. E675).



The samples were analyzed for total petroleum hydrocarbons (TPH)-as-mineral spirits using modified Environmental Protection Agency (EPA) Method 8015 and for purgeable halocarbons using EPA Method 601. Well MW-11 contains an obstruction at approximately 8 feet below grade and could not be sampled. Well MW-9 was not sampled because separate-phase hydrocarbons were present.

Detectable concentrations of TPH-as-mineral spirits were not found in the groundwater samples collected on April 27, 1992. Table 2 summarizes the results of purgeable halocarbon analyses by EPA Method 601. Figures 3 through 6 present the distribution of trichloroethene (TCE), chlorobenzene, chloroform, and 1,2-dichloroethane (DCA) detected in water samples over the past year, including the results from the April 1992 sampling event.

The presence of TCE in the upgradient wells has been interpreted as an off-site plume, unrelated to activities at the Safety-Kleen facility. The highest TCE concentrations were detected in the samples from monitoring wells MW-4 and MW-10, upgradient (north) of the Safety-Kleen facility (Figure 3). Concentrations of TCE have been consistently detected in these wells since installation of the wells in 1988 and 1989 (Groundwater Technology <u>Update Report Additional Assessment</u>, June 1990). The chloroform concentrations are associated with the encroaching upgradient TCE plume. Since February 1991, TCE concentrations have decreased in samples from well MW-10. The TCE concentrations in samples from well MW-4 increased from July 1991 to April 1992, which suggests that the off-site plume may be encroaching further onto the Safety-Kleen property.

Figures 4, 5, and 6 present the distribution of chlorobenzene, chloroform, and 1,2-DCA detected in water samples over the past year. Chlorobenzene was detected at 1.6 ppb in the sample from well MW-3 and 7.2 ppb in the sample from well MW-8. Chloroform was detected in the sample from well MW-6 at 0.7 ppb. The halocarbon 1,2-DCA was found in the samples from well MW-3 at 2.3 ppb, well MW-8 at 5.3 ppb, and well MW-12 at 2.2 ppb.

4.0 FUTURE ACTIVITIES

The next quarterly sampling and monitoring event will be conducted during July 1992.



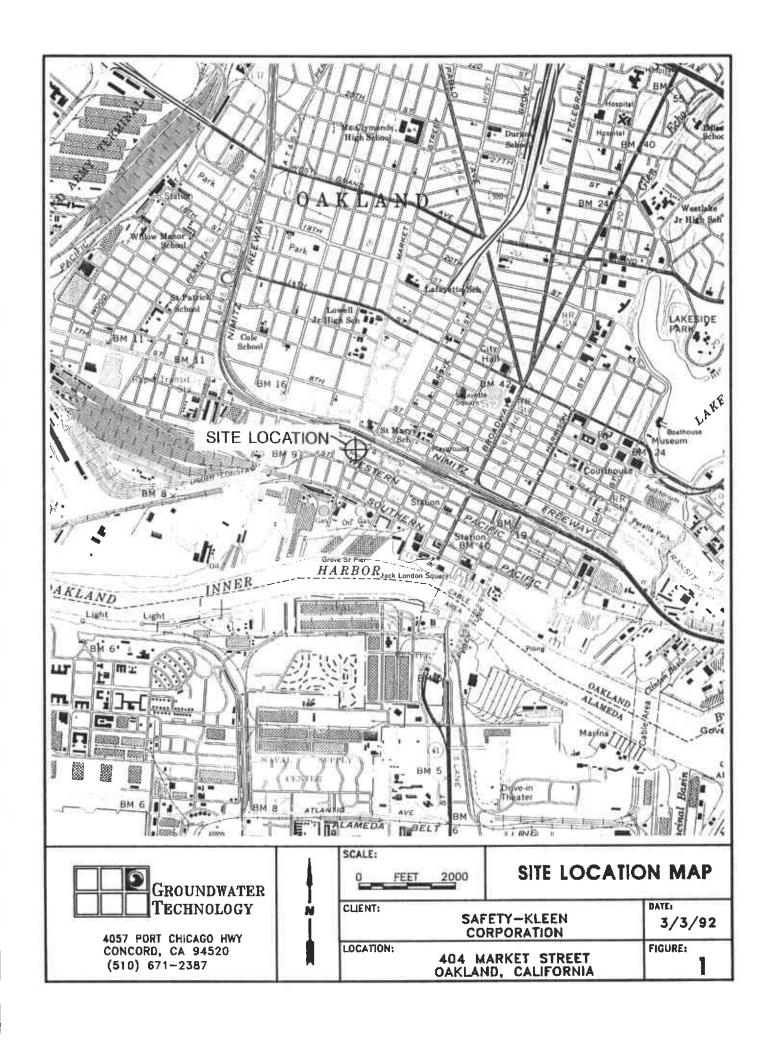
5.0 CLOSURE

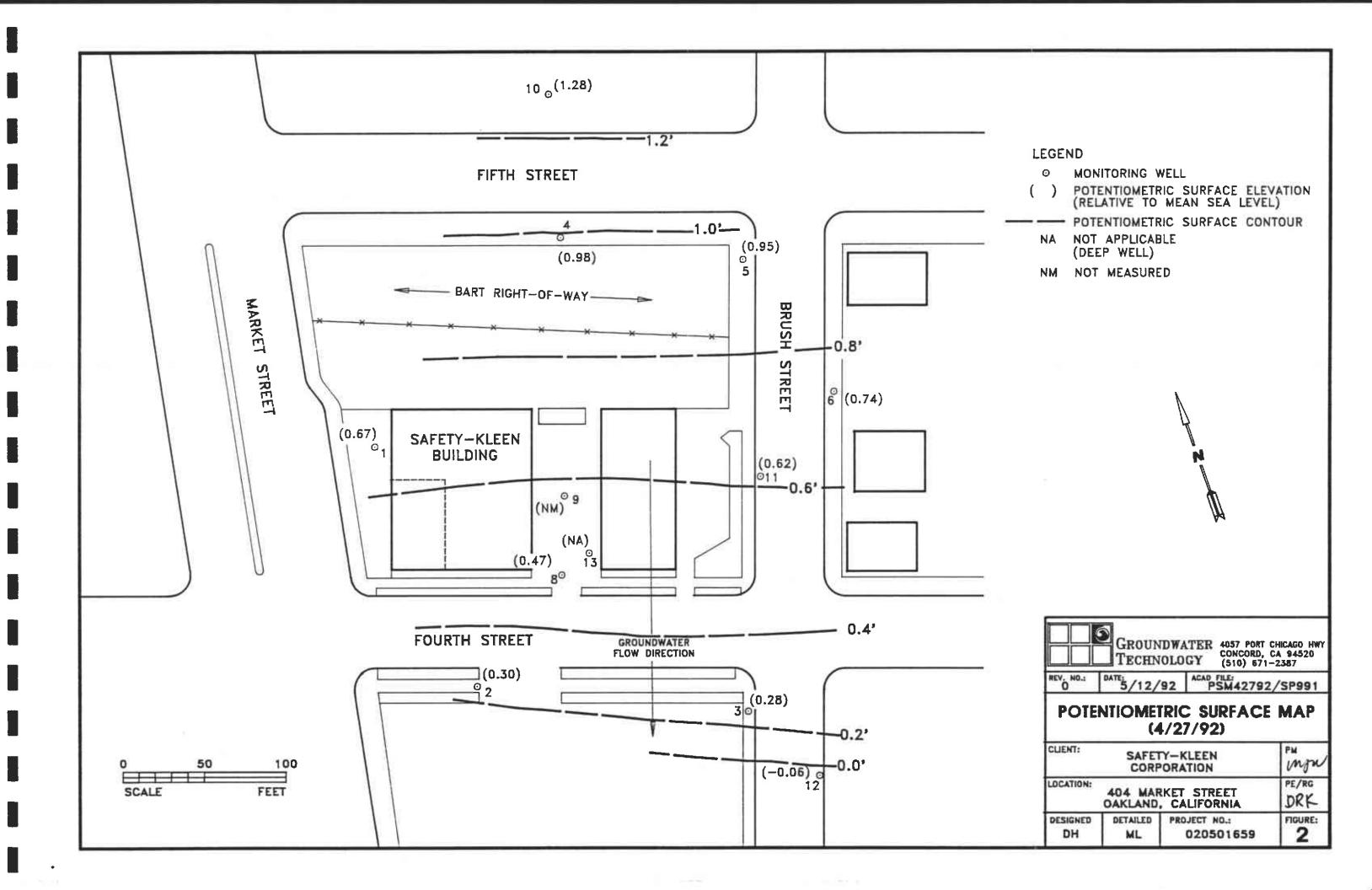
This concludes the <u>Quarterly Groundwater Monitoring Report</u> for the Oakland Service Center facility for March through May 1992. If you have any questions, or require additional information, please contact our Concord office at (510) 671-2387.

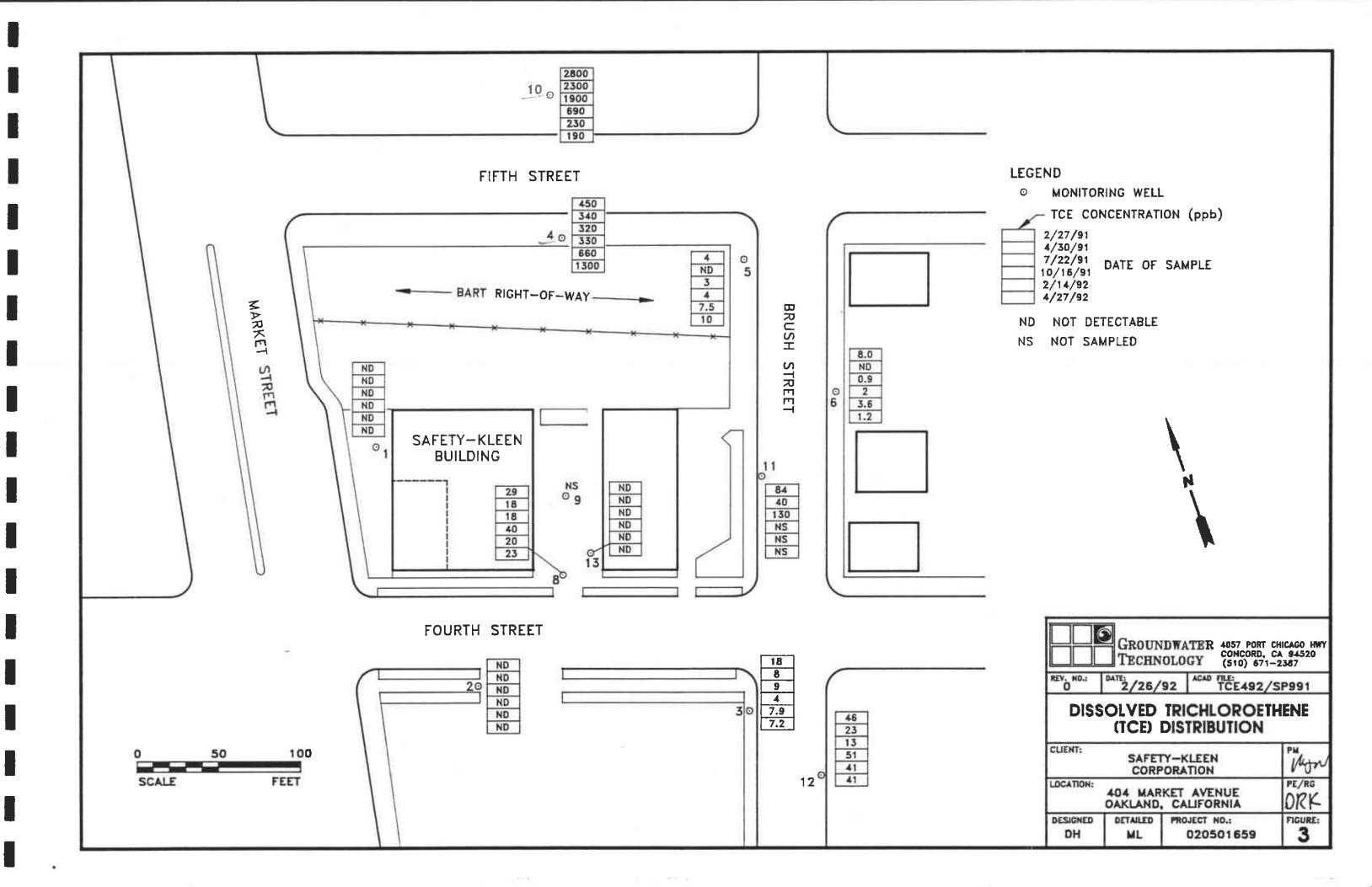
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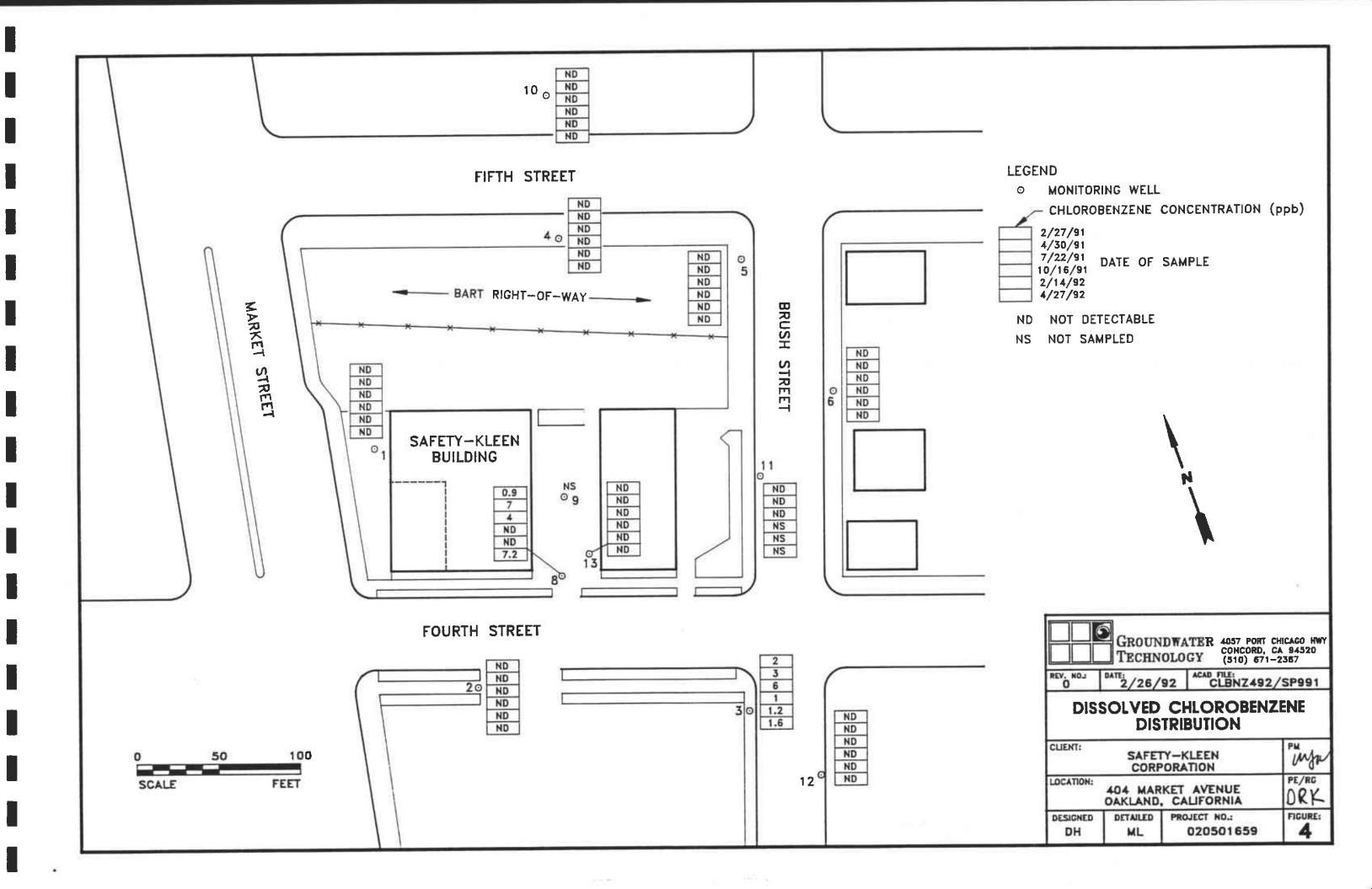
FIGURE 1	SITE LOCATION MAP
FIGURE 2	POTENTIOMETRIC SURFACE MAP
FIGURE 3	DISTRIBUTION OF DISSOLVED TCE CONCENTRATIONS
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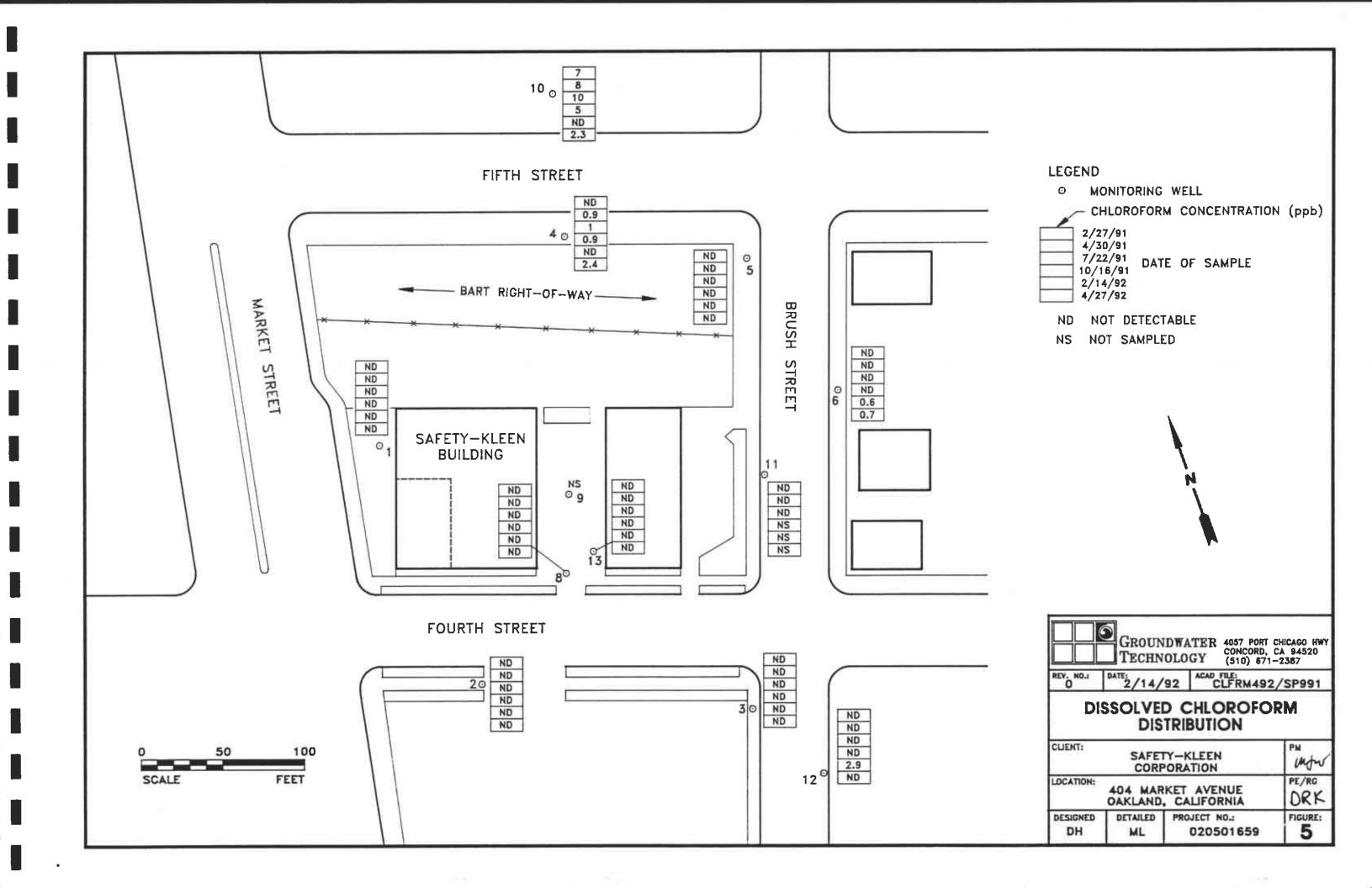


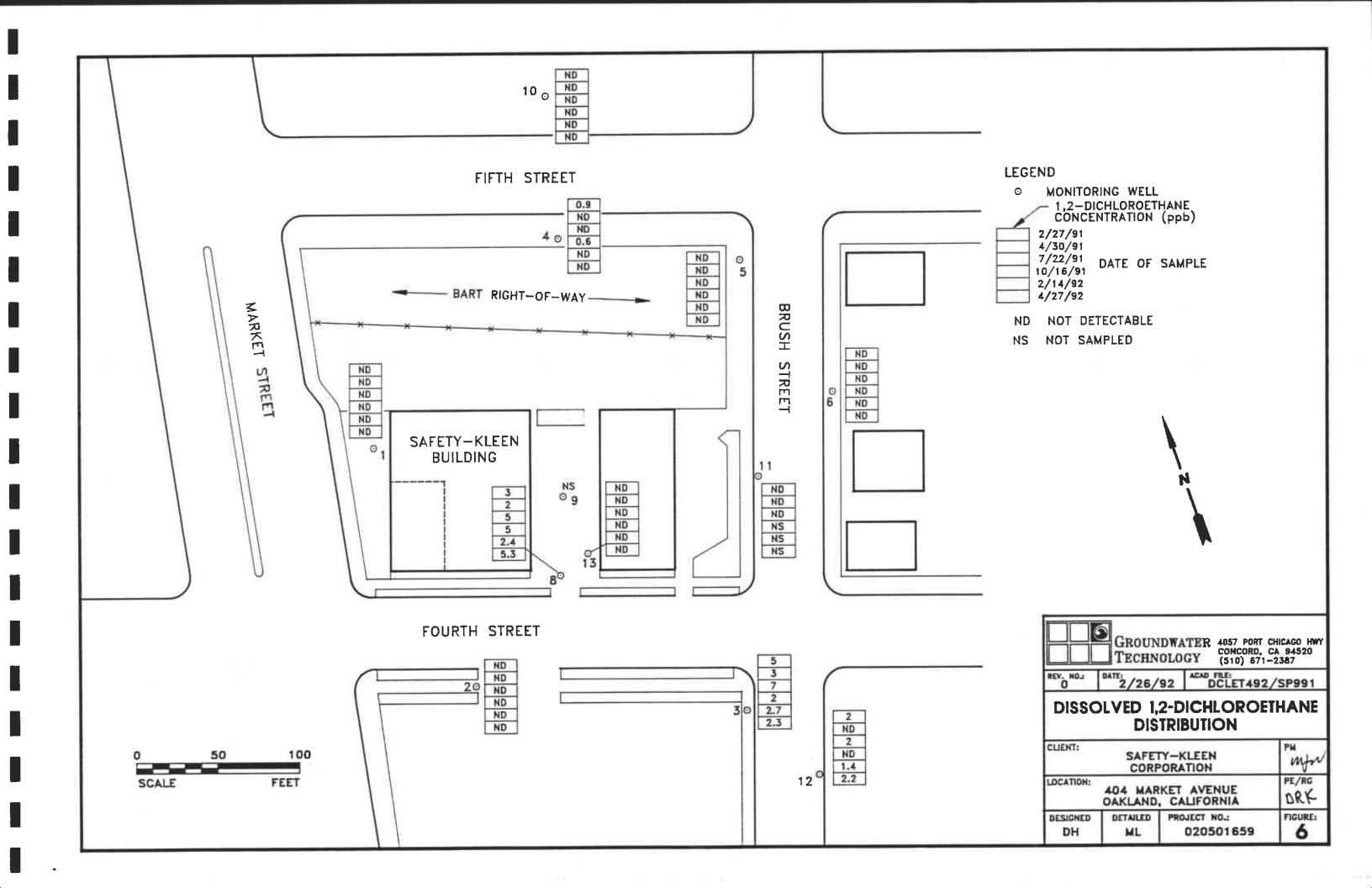












LIST OF TABLES

TABLE 1 GROUNDWATER MONITORING DATA

TABLE 2 ANALYTICAL RESULTS OF GROUNDWATER SAMPLES



TABLE 1 GROUNDWATER MONITORING DATA APRIL 27, 1992

WELL	TOC ELEVATION (ft msl)	DT W (ft)	DTP (ft)	PT (ft)	ADJ ELEVATION (ft msl)
MW-1	7.99	7.32	-	•	0.67
MW-2	8.20	7.90	-		0.30
MW-3	6.66	6.38	•	•	0.28
MW-4	10.32	9.34	-	_	0.98
MW-5	10.28	9.33	-	•	0.95
MW-6	8.97	8.23	•	-	0.74
MW-8	7.80	7.33	-	-	0.47
MW-9	8.21	NM	7.22*	2.5*	
MW-10	10.43	9.15	•	-	1.28
MW-11	7.91	7.29	-	-	0.62
MW-12	6.74	6.80	-	-	-0.06
MW-13	8.08	11.43	-	•	-3.35

TOC = Top of casing
DTW = Depth-to-water

DTP = Depth-to-product (separate-phase hydrocarbons)

PT = Product thickness

ADJ

ELEVATION = Adjusted water level elevation. If product is present in the well, the

water level elevation is adjusted by adding 0.8 x the product

thickness.

* = Product thickness measured with clear bailer.

NM = Not measured

TABLE 2 ANALYTICAL RESULTS OF GROUNDWATER SAMPLES EPA METHOD 601 APRIL 27, 1992

(Results in parts per billion)

WELL	1,1- DCE	1,1- DCA	1,2- DCA	1,2 DCE	CHLR- FORM	1,1,1- TCA	TCE	CHLR- BENZ	1,2- DCP	FREON	PCE	1,4- DCB
MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND
MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	ND	4.8	2.3	1.4	ND	ND	7.2	1.6	ND	ND	0.5	ND
MW-4	ND	ND	ND	82	2.4	ND	1,300	ND	ND	ND	ND	מא
MW-5	ND	ND	ND	ND	ND	1.7	10	ND	ND	6.5	ND	ND
MW-6	D	ND	ND	ND	0.7	ND	1.2	ND	ND	ND	ND	ND
MW-8	ND	2.4	5.3	0.9	ND	ND	23	7.2	0.7	ND	1.1	2
MW-10	0.6	ND	ND	34	2.3	ДN	190	ND	ND	ND	ND	ND
MW-11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
MW-12	ND	3.3	2.2	2.8	ND	ND	41	ND	ND	ND	ND	ND
MW-13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Only detected compounds are listed. For a complete list of analytes see Appendix A.

NS = Not sampled

ND = Not detected. See laboratory reports in Appendix A for detection

Abbreviations:

1,1-DCE	= 1,1-Dichloroethene	1,1,1-TCA	= 1,1,1-1 richioroethane
1,1-DCA	= 1,1-Dichloroethane	TCE	Trichloroethene
1,2-DCA	= 1,2-Dichloroethane	CHLRBENZ	Chlorobenzene
1,2-DCE	= 1,2-Dichloroethene	CHLRFORM	= Chloroform
1,2-DCP	= 1,2-Dichloropropane	FREON II	 Trichlorofluoromethane
PCF	= Tetrachloroethene	1 4-DCB	= 1.4-Dichlorobenzene

R1659A4.DH (62)



APPENDIX A LABORATORY REPORTS





Northwest Region

4080-C Pike Lane Concord, CA 94520 (510) 685-7852 (800) 544-3422 from inside California (800) 423-7143 from outside California (510) 825-0720 (FAX)

May 4, 1992

Mike Wray Groundwater Technology, Inc. 4057 Port Chicago Hwy. Concord, CA 94520

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 04/28/92, under chain of custody records 72-13356, 72-13394 and 72-13395.

A formal Quality Control/Quality Assurance (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

Eileen F. Bullen

Laboratory Director

Table 1

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Mineral Spirits in Water

Modified EPA Method 5030/8015a

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.

GTEL Sample Number	01	02	03	04						
Client Identification		RBMW13 MW13 MW1 I								
Date Sampled		04/27/92	27/92 04/27/92 04/27/92 0							
Date Analyzed		04/29/92 04/29/92 04/29/92 04/29								
Analyte	Quantitation Limit, mg/L	Concentration, mg/L								
Mineral spirits	1	<1	<1	<1	<1					
Quantitation Limit Multiplier		1	1							

GTEL Sample Number		05	06	07	08				
Client Identification		MW6	MW5	МW3	MW10				
Date Sampled		04/27/92	04/27/92						
Date Analyzed		04/29/92	04/29/92	04/29/92	04/29/92				
Analyte	Quantitation Limit, mg/L								
Mineral spirits	1	<1	<1	<1	<1				
Quantitation Limit Multiplier		1	1	1	1				



Table 1 (Continued)

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Mineral Spirits in Water

Modified EPA Method 5030/8015a

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.

GTEL Sample Number		09	10	11					
Client Identification		MW12	MW4						
Date Sampled		04/27/92	04/27/92						
Date Analyzed		04/29/92 04/29/92 04/29/92							
Analyte	Quantitation Limit, mg/L		Concentration, mg/L						
Mineral spirits	1	<1	<1	<1					
Quantitation Limit Multiplier		1	1	1					





Northwest Region
4080 Pike Lane
Concord, CA 94520
{415} 685-7852

(800) 544-3422 from inside California (800) 423-7143 from outside California Client Number: GTI72SFK01
Consultant Project Number: 020501659
Project ID: Oakland
Work Order Number: C2-04-769

May 4, 1992

Mike Wray Groundwater Technology, Inc. 4057 Port Chicago Hwy. Concord, CA 94520

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 04/28/92, under chain of custody records 72-13356, 72-13394 and 72-13395.

A formal Quality Control/Quality Assurance (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

GTEL is certified by the California State Department of Health Services to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

Eileen F. Bullen

Laboratory Director

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Table 1

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601a

GTEL Sample Number		01	02	03	04	
Client Identification		MW13	MW1	MW2	MW6	
Date Sampled		04/27/92	04/27/92	04/27/92	04/27/92	
Date Analyzed		04/29/92	04/29/92	04/29/92	04/29/92	
Analyte	Quantitation Limit, ug/L		Concentration	on, ug/L		
Chloromethane	0.5	< 0.5	<0.5	< 0.5	< 0.5	
Bromomethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Vinyl chloride	1	<1	<1	<1	<1	
Chloroethane	0.5	< 0.5	<0.5	<0.5	<0.5	
Methylene chloride	0.5	< 0.5	<0.5	< 0.5	< 0.5	
1,1-Dichloroethene	0.2	< 0.2	<0.2	<0.2	<0.2	
1,1-Dichloroethane	0.5	< 0.5	< 0.5	<0.5	< 0.5	
1,2-Dichloroethene	0.5	< 0.5	< 0.5	<0.5	< 0.5	
Chloroform	0.5	< 0.5	<0.5	< 0.5	0.7	
1,2-Dichloroethane	0.5	< 0.5	< 0.5	<0.5	< 0.5	
1,1,1-Trichloroethane	0.5	<0.5	< 0.5	< 0.5	< 0.5	
Carbon tetrachloride	0.5	< 0.5	< 0.5	<0.5	< 0.5	
Bromodichloromethane	0.5	< 0.5	<0.5	< 0.5	< 0.5	
1,2-Dichloropropane	0.5	< 0.5	<0.5	< 0.5	< 0.5	
cis-1,3-Dichloropropene	0.5	< 0.5	< 0.5	<0.5	< 0.5	
Trichloroethene	0.5	< 0.5	<0.5	< 0.5	1.2	
Dichlorodifluoromethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Dibromochloromethane	0.5	<0.5	< 0.5	< 0.5	< 0.5	
1,1,2-Trichloroethane	0.5	< 0.5	< 0.5	<0.5	< 0.5	
trans-1,3-Dichloropropene	0.5	< 0.5	< 0.5	<0.5	<0.5	
2-Chloroethylvinyl ether	1	<1	<1	<1	<1	
Bromoform	0.5	< 0.5	<0.5	<0.5	<0.5	
Tetrachloroethene	0.5	< 0.5	0.9	<0.5	< 0.5	
1,1,2,2-Tetrachloroethane	0.5	< 0.5	<0.5	< 0.5	< 0.5	
Chlorobenzene	0.5	< 0.5	< 0.5	< 0.5	<0.5	
1,2-Dichlorobenzene	0.5	< 0.5	<0.5	< 0.5	< 0.5	
1,3-Dichlorobenzene	0.5	<0.5	< 0.5	< 0.5	< 0.5	
1,4-Dichlorobenzene	0.5	< 0.5	<0.5	< 0.5	<0.5	
Trichlorofluoromethane	0.5	< 0.5	< 0.5	<0.5	<0.5	
Quantitation Limit Multiplier		1	11	1	1	

a. Federal Register, Vol. 49, October 26, 1984.



Table 1 (Continued)

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601^a

GTEL Sample Number		05	06	07	08
Client Identification		MW5	мwз	MW4	MW10
Date Sampled		04/27/92	04/27/92	04/27/92	04/27/92
Date Analyzed		04/29/92	04/29/92	04/29/92	04/29/92
Analyte	Quantitation Limit, ug/L		Concentration	n, ug/L	
Chloromethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.5	<0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	1	<1	<1	<1	<1
Chloroethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene chloride	0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloroethene	0.2	<0.2	< 0.2	<0.2	0.6
1,1-Dichloroethane	0.5	< 0.5	4.8	<0.5	< 0.5
1,2-Dichloroethene	0.5	< 0.5	1.4	82	34
Chloroform	0.5	< 0.5	<0.5	2.4	2.3
1,2-Dichloroethane	0.5	< 0.5	2.3	< 0.5	< 0.5
1,1,1-Trichloroethane	0.5	1.7	<0.5	< 0.5	< 0.5
Carbon tetrachloride	0.5	< 0.5	<0.5	< 0.5	<0.5
Bromodichloromethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	0.5	<0.5	<0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	10	7.2	1300	190
Dichlorodifluoromethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	0.5	< 0.5	<0.5	< 0.5	<0.5
trans-1,3-Dichloropropene	0.5	< 0.5	< 0.5	<0.5	< 0.5
2-Chloroethylvinyl ether	1	<1	<1	<1	<1
Bromoform	0.5	<0.5	< 0.5	<0.5	< 0.5
Tetrachloroethene	0.5	< 0.5	0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	< 0.5	1.6	<0.5	<0.5
1,2-Dichlorobenzene	0.5	< 0.5	< 0.5	<0.5	< 0.5
1,3-Dichlorobenzene	0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	6.5	<0.5	< 0.5	< 0.5
Quantitation Limit Multiplier		1	11	1	1

a. Federal Register, Vol. 49, October 26, 1984.



Table 1 (Continued)

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601a

GTEL Sample Number		09	10		
Client Identification		MW12	MW8		
Date Sampled		04/27/92	04/27/92		
Date Analyzed		04/29/92	04/29/92		
Analyte	Quantitation Limit, ug/L		Concentration	on, ug/L	
Chloromethane	0.5	< 0.5	<0.5		
Bromomethane	0.5	< 0.5	< 0.5		
Vinyl chloride	1	<1	<1		
Chloroethane	0.5	<0.5	< 0.5		
Methylene chloride	0.5	< 0.5	< 0.5		
1,1-Dichloroethene	0.2	< 0.2	<0.2		
1,1-Dichloroethane	0.5	3.3	2.4		
1,2-Dichloroethene	0.5	2.8	0.9		
Chloroform	0.5	<0.5	< 0.5		
1,2-Dichloroethane	0.5	2.2	5.3		·
1,1,1-Trichloroethane	0.5	< 0.5	<0.5		
Carbon tetrachloride	0.5	< 0.5	<0.5		
Bromodichloromethane	0.5	< 0.5	< 0.5		
1,2-Dichloropropane	0.5	< 0.5	0.7		
cis-1,3-Dichloropropene	0.5	< 0.5	< 0.5		
Trichloroethene	0.5	41	23		
Dichlorodifluoromethane	0.5	< 0.5	<0.5		
Dibromochloromethane	0.5	< 0.5	< 0.5		
1,1,2-Trichloroethane	0.5	< 0.5	< 0.5		
trans-1,3-Dichloropropene	0.5	<0.5	< 0.5		
2-Chloroethylvinyl ether	1	<1	<1		
Bromoform	0.5	< 0.5	< 0.5		
Tetrachloroethene	0.5	< 0.5	1.1		
1,1,2,2-Tetrachioroethane	0.5	<0.5	< 0.5		<u> </u>
Chlorobenzene	0.5	< 0.5	7.2		·
1,2-Dichlorobenzene	0.5	< 0.5	< 0.5		
1,3-Dichlorobenzene	0.5	< 0.5	< 0.5		
1,4-Dichlorobenzene	0.5	< 0.5	2		
Trichlorofluoromethane	0.5	< 0.5	<0.5		
Quantitation Limit Multiplier		11	1		

a. Federal Register, Vol. 49, October 26, 1984.



GTE		Pike Lane rd, CA 94520	800	-544-3422			C	HAI ND /	N-C A <i>N</i> /)F- AL	gU SI	ST SF	OD IEC	Y R	EC ST	OR	D.	72	- 1	13	39	14	Jus	TODY	RECORE
EN VIRONMEN LABORATORIES		15-7852	800	-423-7143	(Outside C	A) [AN	AL	YSI	S F	RE()UE	ST				٦			
Project Manager. Address: Project Number: 1 attest that the proper procedures were used of these samples.	659 er field sampling	II.	240	cation: Name: ON I Name: ON (M)		-	8020 🗆 with MTBE 🗆	BTEX/TPHGas 602/8015 \$\text{C} 8020/8015 \$\text{C} MTBE\$\text{TPH as \$\text{C}\$ as \$\text{C}\$ Dissel \$\text{C}\$ loss \$\text{C}\$ as \$\text{C}\$ and \$\text{C}\$ as \$\text{C}\$ as \$\text{C}\$ and \$\text{C}\$ and \$\text{C}\$ as \$\text{C}\$ and \$\text{C}\$ an	(SIMOIS)		ydrocarbons: 418.1 □ 503E □	DCA only C			G NBS +15 G	+ SBN	Pesticides	Met	26	된	MINECASSITE	rapide Haloreman			Laboratory: Way bill #
Field Source Sample of ID Sample	GTEL Lab # (Lab use only)	# CONTAINERS SOIL SOIL	P	Method reserved	Œ		BTEX 602 [] 802	BTEX/TPHGas 602	è G	Total Oil & Grease:	Total Petroleum Hydrocarbons:	EPA 601 🗆 8010 🗅	EPA 602 [] 8020 []	EPA 610 🗆 8310 🖸	EPA 624 🗆 8240	EPA 625 🗆 8270 🗅	EPTOX: Metals C	EPA Priority Pollutant	742		ACIS TREE	2 /	Received by:	Received by:	Received by Lab
Blank RBMW13 MW12	OL DZ	2	X		41												7				X	X	Time	Time	Time
mwl mwl	03	2 2	X		127											1	<i>y</i> .			12 12	X	X	Jaig -	//Date	4-28
Buns Mms Frums	04	2	X		92						1.7	3			0.1		2				X	X			
24 HOURS ID EXPEDITED 48 SEVEN DAY ID	(#) BUSIN			18	REPORTING	3			,	. <u>-</u>		•	Use	l	20	 `9ē	Ab	ZP Æ	Loc	l OC atlo	arf	I Shit	Relinquisher by Sampler.	Relinquished by:	Relinquished by:

ANALYSIS REQUEST Preject Manager. Project Name: COCOOL Project Name: COCOOL Project Name: COLOS O I Consultation: Address: Address: Address: Cocool Analysis Request FAX :: Address: Ad	GTEL 4080- Pike Lane Concord, CA 94520 800-544-3422 (In CA)	CHAIN-OF-CUSTODY RECORD 72-13395 CUSTODY RI	ECORD
Site location: A L A COLORD Project Number: O 2 O S O 16 S O 10 S O 1	ENVIRONMENTAL 415-685-7852 800-423-7143 (Outside CA		
Sample S	Address: CONCORD Project Number: Site location: AKAND Project Name:		way bill #
REMUGE MWG REMUS MWG REMUS MWG REMUS MWG REMUS R	I attest that the proper field sampling procedures were used during the collection of these samples. Sampler Name (Print): Sampler Name (Print): FGOR MERINO	9020 with the policy with th	8
REMULE MWG REMUS R	Sample of Lab # Preserved	BTEX 602 C BTEX TPH Gas. TPH as C Gas Product I.D. by Total Oil & Great Total Petroleur EPA 602 C 80 EPA 600	Received by L
MWS MWS PMW3 MW3 MW3 PMW4 PMW4 PMW4 PMW4 PMW4 PMW4 PMW4 PMW4	RBMUG DS Z X X /		Time
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	GTE	L Co	80- Pil	, CA	945		8	800-544-3422 (In CA) 800-423-7143 (Outside CA) CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST ANALYSIS REQUEST ANALYSIS REQUEST													cus	TOD	ΥR	ECORE										
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ERMWID MWID EBMWIZ MWIZ MWIZ UBMWB MWB		29 29	1121212121	X	000	100 E	E XX XX XX	H)	I	$[\chi]$	N X	72		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	118	<u>a</u>	Pro	Tot	Tot	eg (743	E F	EP	EP	EP	<u> </u>	CAN	Con	x (2 1 X X X X X X X X X X X X X X X X X X	Date Time Rece	Time		- X
SPECIAL HANDLING 24 HOURS EXPEDITED 48 Hours SEVEN DAY OTHER (#) BUSINESS DAYS OA/OC CLP Level Blue Level SPECIAL DETECTION LIMITS (Specify) SPECIAL DETECTION LIMITS (Specify) REMARKS: TPH-MINE(ALSPICTS-8015) (AUDIFIED) PUGE Able Haloc Arbon's - (b) NOT ACIDIFIED Lab Use Only Storage Location Lot #: Work Order #:													Helinquished by Sampler	Relinquished by:	Relinquished by																			