



SUMMIT REALTY INTERESTS, LLC

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ALCO
HAZMAT

94 JUN 15 PM 3:45

June 8, 1994

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, CA 94621

RE: STID 3738
901 Jefferson Street, Oakland

Dear Jennifer:

Enclosed please find a summary of groundwater monitoring results prepared by Streamborn for water extracted from our Jefferson Street property on December 15, 1993. As you can see, the contaminant concentrations have not changed significantly since the last time the water was monitored in early 1993.

Also enclosed is a detailed evaluation of the bioremediation treatability test which was performed on the property's groundwater earlier this year. As you will read, the test results indicated a significant reduction of contamination within a two month time frame.

We are impressed with these laboratory results and are working with Streamborn to establish a budget to perform a full-scale testing of the bioremediation process on our property over a 6 to 9 month period.

Before we proceed to authorize any further investigative/corrective work, we would like to arrange a time to sit down in your office with you and Doug Lovell of Streamborn. It is important for us to be assured that the County is comfortable with the bioremediation approach and our test results before we commit any further funds. We plan to be in the Bay Area in July and will contact you soon to arrange a meeting date and time.

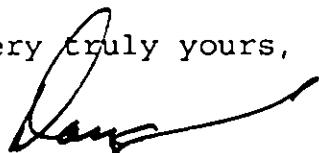
Streamborn's initial bioremediation cost projections were much lower than the Vapor Extraction budgets we had been working with, and we were optimistic that we could manage the cost at our level of income. Subsequently, Streamborn predicted higher costs and we lost confidence that this would be possible. They are currently preparing a new budget as a result of these tests. Our final cost of remediation may be dependent upon some form of disposition of the

Ms. Jennifer Eberle
June 7, 1994
Page Two

property or a breakthrough on public funding in order that we can generate sufficient resources to cover the costs.

Please do let us know if you have any further input at this time.

Very truly yours,

A handwritten signature in black ink, appearing to read "Doug", with a long horizontal flourish extending to the right.

Douglas N. Salter

cc: Doug Lovell, Streamborn
510-528-4234

Douglas N. and Shar Salter
1551 Larimer Street, #1302
Denver CO 80202

2 February 1994
Project No. P135

Data Submittal - Groundwater Monitoring
901 Jefferson Street
Oakland CA

Dear Mr. and Ms. Salter:

Attached is our data submittal documenting groundwater monitoring performed on 15 December 1993 at 901 Jefferson Street, Oakland CA (Figures 1 and 2).

Groundwater monitoring was performed for wells MW-5 and MW-18; and included water level measurement, purging, sampling, and analysis for total petroleum hydrocarbons reported as gasoline (TPH-gasoline), and benzene, toluene, ethylbenzene, and xylenes (BTEX). Because floating product was observed in well MW-19, sampling was not performed at this well.

Groundwater monitoring results are summarized in the following:

- Table 1 presents a chronology of environmental activities at the property.
- Table 2 summarizes groundwater elevation measurements.
- Table 3 includes groundwater purging and sampling data.
- Table 4 contains groundwater analytical results.
- Figure 3 shows monitoring well locations and groundwater elevation contours.

Monitoring revealed:

- Detectable concentrations of TPH-gasoline and BTEX in the samples from wells MW-5 and MW-18.
- Approximately 1/3-inch of floating product in well MW-19.
- Based on the 15 December 1993 groundwater elevation data, the calculated hydraulic gradient is approximately 0.010. The calculated direction of groundwater flow is approximately S58°E.

Groundwater concentrations did not change significantly since the previous groundwater monitoring event (2 March 1993).

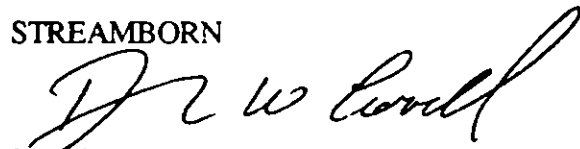
The standard operating procedure we employed is included in Attachment 1. The groundwater sampling forms are contained in Attachment 2, the chain-of-custody form is presented in Attachment 3, and the laboratory data sheets are contained in Attachment 4.

Purge water generated prior to sampling was containerized in a 55-gallon drum and stored onsite.

If you have any questions regarding this data submittal, please call.

Sincerely,

STREAMBORN



Douglas W. Lovell, PE
Geoenvironmental Engineer

Attachments

Table 1
Chronology of Environmental Activities

Date of Activity	Activity Performed By	Description
Unknown	Unknown	<ul style="list-style-type: none"> Four 550-gallon underground tanks installed at property.
1946 to 1953	Unknown	<ul style="list-style-type: none"> Property used as automotive service station. Four 550-gallon underground fuel tanks used to store gasoline.
Circa 1953	Unknown	<ul style="list-style-type: none"> Automotive service station demolished, property paved, and property subsequently used as a parking lot.
Circa 1978	Douglas N. Salter	<ul style="list-style-type: none"> Douglas N. Salter purchased property. The property continued to be used as a parking lot.
19 and 20 April 1989	WCC	<ul style="list-style-type: none"> 6 borings drilled (Borings 1 through 6). Analytical results of composite soil samples revealed elevated TPH-Gasoline and BTEX in one boring, with the remaining TPH-Gasoline, BTEX, and lead results nondetect/nonelevated.
21 April 1989	WCC	<ul style="list-style-type: none"> Boring 5 completed as groundwater monitoring well (MW-5).
24 April 1989	WCC	<ul style="list-style-type: none"> Groundwater elevation measured and groundwater sample collected at MW-5. Analytical results revealed elevated concentrations of TPH-Gasoline and BTEX.
4 and 7 August 1989	WCC	<ul style="list-style-type: none"> 10 borings drilled (Borings 7 through 10, and 12 through 17). Samples exhibiting gasoline odor were analyzed for TPH-Gasoline and BTEX. Analytical results revealed elevated TPH-Gasoline and BTEX concentrations near the northeast corner of the property. Borings 18 and 19 completed as groundwater monitoring wells (MW-18 and MW-19).
14 August 1989	WCC	<ul style="list-style-type: none"> Groundwater elevations measured and groundwater samples collected at MW-5, MW-18, and MW-19. Groundwater samples analyzed for TPH-Gasoline and BTEX. Samples collected from MW-5 were also analyzed for volatile organic compounds by EPA Method 8240. Analytical results generally revealed elevated TPH-Gasoline and BTEX with nondetect volatile organic compounds.
10 and 11 April 1990	WCC	<ul style="list-style-type: none"> 10 borings drilled (Borings 20 through 29). Samples exhibiting gasoline odor were analyzed for TPH-Gasoline and BTEX. Analytical results generally revealed elevated TPH-Gasoline and BTEX concentrations near the northeast corner of the property.
15 February 1991	WCC	<ul style="list-style-type: none"> Groundwater elevations measured and groundwater samples collected at MW-5, MW-18, and MW-19. Groundwater samples analyzed for TPH-Gasoline and BTEX. Analytical results generally revealed elevated TPH-Gasoline and BTEX.
20 February 1991	WCC	<ul style="list-style-type: none"> Vapor extraction pilot test performed. Analytical results from soil vapor samples revealed detectable levels of BTEX and elevated concentrations of total volatile organic vapors.
2 March 1993	WCC	<ul style="list-style-type: none"> Groundwater elevations measured and groundwater samples collected at MW-5, MW-18, and MW-19. Groundwater samples analyzed for TPH-Gasoline and BTEX. Analytical results generally revealed elevated TPH-Gasoline and BTEX.
15 December 1993	Streamborn	<ul style="list-style-type: none"> Groundwater elevations measured and groundwater samples collected at MW-5 and MW-18. Groundwater sample collected at well MW-19 for use in treatability study. Groundwater samples analyzed for TPH-Gasoline and BTEX. Analytical results generally revealed elevated TPH-Gasoline and BTEX. Floating product observed in well MW-19.

General Notes:

- (a) WCC = Woodward-Clyde Consultants, Oakland CA.
- (b) BTEX = benzene, toluene, ethylbenzene, and xylenes.
- (c) TPH-Gasoline = total petroleum hydrocarbons as gasoline.

Table 2
Groundwater Elevation Measurements

Date or Parameter	Measured By	MW-5		MW-18		MW-19	
		Measuring Point = Top of Well Casing at Notch, Elevation = -0.47		Measuring Point = Top of Well Casing at Notch, Elevation = -0.27		Measuring Point = Top of Well Casing at Notch, Elevation = 0.0	
		Depth	Elevation	Depth	Elevation	Depth	Elevation
14 August 1989	WWC	24.95	-25.42	25.26	-25.53	25.23	-25.23
15 February 1991	WWC	25.95	-26.42	26.30	-26.57	26.40	-26.40
27 March 1991	WWC	25.29	-25.76	25.66	-25.93	25.55	-25.55
2 March 1993	WWC	22.93	-23.40	23.41	-23.68	23.50	-23.50
15 December 1993	Streamborn	24.31	-24.78	24.70	-24.97	25.02	-25.02 (1)
Total Depth (last measurement)	Streamborn	29.11		29.23		30.10	

General Notes

- (a) WWC = Woodward-Clyde Consultants, Oakland CA.
- (b) Elevations referenced to site-specific datum (top of casing at MW-19 = 0.0).
- (c) Measurements in units of feet.

Footnote

- (1) Petroleum odor observed upon opening the well. Free product observed.

Table 3
Groundwater Purging and Sampling Data

Sample Location	Sample Identification	Date	Time	Type of Sample	Odor, Free Product, or Chemical Discoloration?	Specific Conductance ($\mu\text{mho}/\text{cm}^2$ at field temperature)	pH	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen (mg/L)	Purge Method	Purge Duration (min)	Volume Purged (gallons)	Purged Dry?	Static Casing Volumes Removed	Turbidity	Comments
MW-5	MW-5 (15Dec93)	15 Dec 1993	1630	Grab (bailer)	OVM= ± 60 ppmv @ wellhead, no product	820	6.6	19.2	1.9	Bailer	± 30 min	3.2	no	± 4	Cloudy	
MW-18	MW-18 (15Dec93)	15 Dec 1993	1520	Grab (bailer)	OVM= ± 10 ppmv @ wellhead, no obvious odor, no product	860	6.6	19.5	1.4	Bailer	± 35 min	3.2	no	± 4	Cloudy	

Table 4
Groundwater Analytical Results

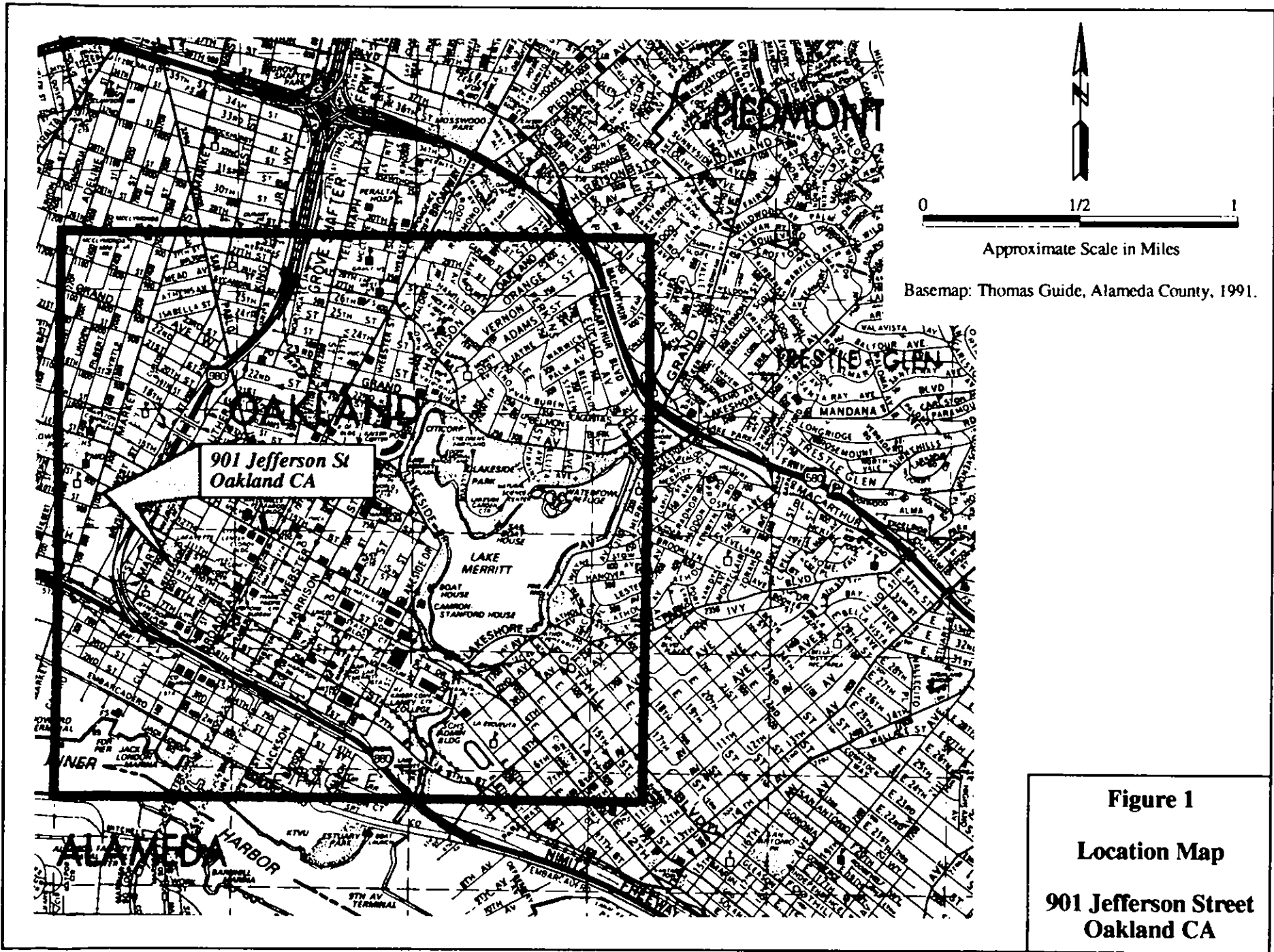
VOCs
8240

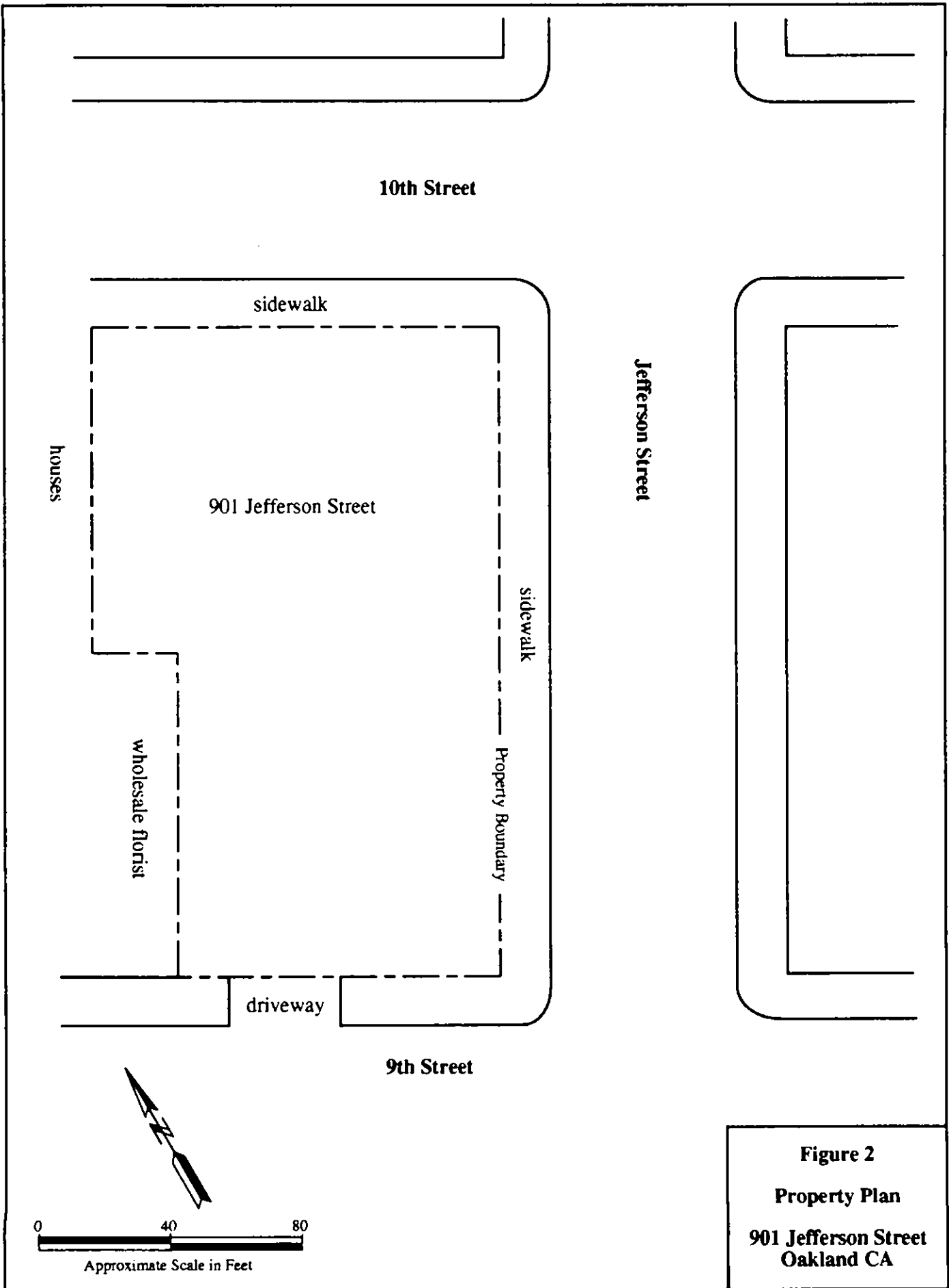
Location	Sample Date	Sampled By	Sample Type	TPH-Gasoline (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Volatile Organic Compounds (µg/L)	Comments
MW-5	24 April 1989	WCC	Grab	24 ✓	7.5 ✓	0.22 ✓	0.99 ✓	0.73 ✓	acetone = 2.1 benzene = 8.1 ethylbenzene = 0.890 toluene = 0.220 xylenes = 0.460 Other compounds = ND	
	14 August 1989	WCC	Grab	19 ✓	5.4 ✓	0.21 ✓	0.77 ✓	0.44 ✓	benzene = 7.9 ethylbenzene = 0.860 toluene = 0.290 xylenes = 0.420 Other compounds = ND	
	15 February 1991	WCC	Grab	13	7.5	0.25	1.0	0.34	NM	
	2 March 1993	WCC	Grab	32	4.4	0.17	0.62	0.26	NM	
	15 December 1993	Streamborn	Grab	20 ✓	4.4 ✓	0.18	0.76	0.24	NM	
MW-18	14 August 1989	WCC	Grab	7.6	0.16	0.021	0.21	0.014	NM	
	15 February 1991	WCC	Grab	2.7	0.056	0.022	0.094	0.02	NM	
	2 March 1993	WCC	Grab	3.2	0.011	0.026	0.017	0.019	NM	
	15 December 1993	Streamborn	Grab	5.9 ✓	0.0079 ✓	0.039	0.019	0.028	NM	
MW-19	14 August 1989	WCC	Grab	26	4.3	0.69	0.98	2.6	NM	
	15 February 1991	WCC	Grab	13	1.8	0.64	0.51	2.6	NM	
	2 March 1993	WCC	Grab	46	10	1.1	1.7	4.5	NM	1/4-inch floating product observed during sampling - sample results may not be representative of dissolved concentrations.
	15 December 1993	Streamborn	Grab	NM	NM	NM	NM	NM	NM	Approximately 1/3-inch floating product observed in well.

General Notes

- (a) ND = Not detected. Detection limit varied according to compound, as is normal.
- (b) Volatile Organic Compounds = Compounds of interest per EPA Method 8240 (GC/MS).
- (c) NM = Not measured.
- (d) WCC = Woodward-Clyde Consultants (Oakland CA).
- (e) Samples collected on 15 December 1993 analyzed by Chromalab, San Ramon CA. All other samples analyzed by Sequoia Analytical, Redwood City CA.

data





10th Street

sidewalk

houses

901 Jefferson Street

sidewalk

Property Boundary

wholesale florist

driveway

9th Street

Jefferson Street

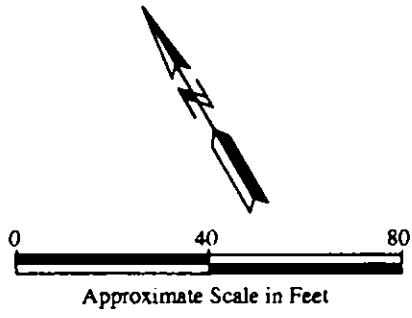
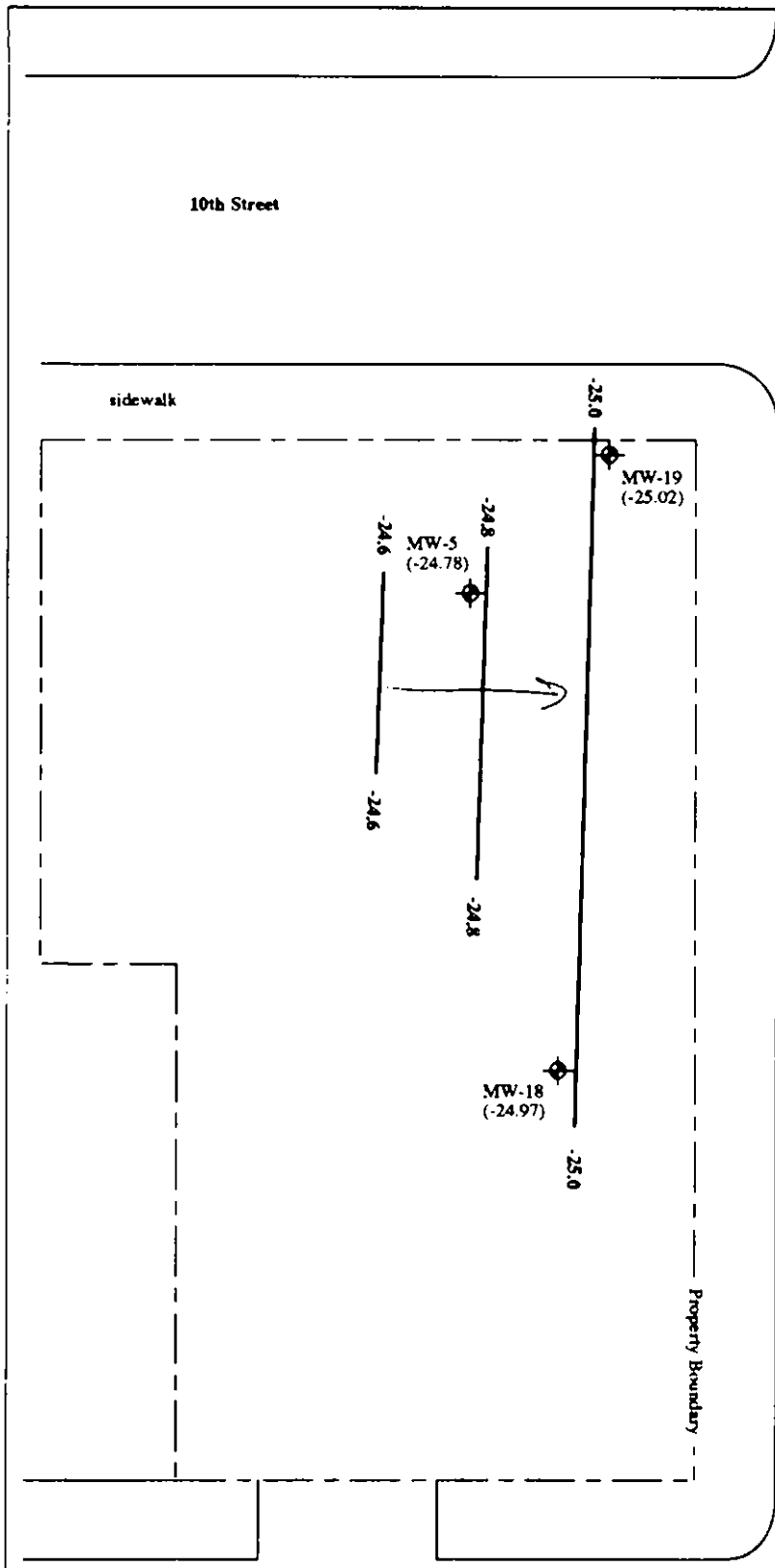




Figure 2
Property Plan
901 Jefferson Street
Oakland CA








Legend

 Monitoring Well and Groundwater Elevation Reported in Feet
 MW-19 (-25.02)

 -25.0 Groundwater Equipotential Contour (feet)

Groundwater Elevations Referenced to Site-Specific Datum (Top of Casing @ MW-19 = 0.0 ft)

Groundwater Gradient Data

Date	Magnitude	Direction
8/14/89	0.0056	N84°W 
2/15/91	0.0018	S9°W 
3/27/91	0.0062	N90°W 
3/2/93	0.0059	S38°E 
12/15/93	0.0098	S58°E 

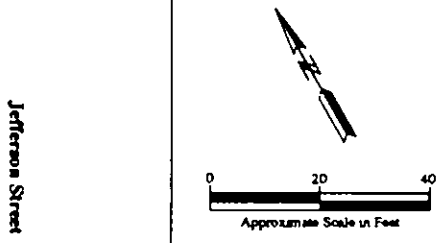


Figure 3
 Groundwater Elevations
 (15 December 1993)
 901 Jefferson Street
 Oakland CA

ATTACHMENT 1
Standard Operating Procedure

ATTACHMENT 3

Chain-of-Custody Form

RUSH

STREAMBORN CHAIN-OF-CUSTODY FORM

312205
order # 17486
207/39576-7
6

Project Name: 901 Jefferson Street	Project Location: 901 Jefferson Street, Oakland CA	Project Number: P135
Sampler: Keith Beury	Laboratory: Chromalab	Laboratory Number:

Sample Designation	Date	Time	Matrix			Type		Number of Containers	Type of Containers	Preservative	Filtration	Turnaround			Analyses					Sampler Comments	Laboratory Comments			
			Soil	Water	Vapor	Grab	Composite					48-Hour	5-Working Days	10-Working Days	TPH-Gasoline	BTEX								
MW-5 (15Dec93)	15 Dec 1993	1630		X		X		4	40-ml VOA					X	X	X								
MW-18 (15Dec93)	15 Dec 1993	1520		X		X		4	40-ml VOA					X	X	X								

Note: Sampler and laboratory to observe preservative, condition, integrity, etc. of samples and record (under "Comments") any exceptions from standard protocols.

Relinquished By: <i>Keith Beury/Sborn</i>	Received By: <i>[Signature]</i>	Date: <i>12-16-93</i>	Time: <i>11:21</i>
Relinquished By:	Received By:	Date:	Time:

STREAMBORN Mail: P.O. Box 9504, Berkeley CA 94709-0504 Office: 900 Santa Fe Ave, Albany CA 94706 510/528-4234 Fax: 528-2613

ATTACHMENT 4

Laboratory Data Sheets

standing water, terminate purging anyway. Wells should be allowed to recover to at least 1/2 the original standing water depth prior to sampling.

Slow Recharge Wells: Wells that are initially purged dry, and do not recover to 1/2 the original standing water depth within 4 hours, should be purged dry again and then sampled when sufficient recovery has occurred to sample. Generally, 1-foot of recovery may be considered sufficient recovery.

6. If recharge has submerged the entire screened interval, sample from mid-depth of screened interval. Otherwise, sample from mid-depth of water column at time of sampling.
7. Fill sample containers directly and preserve according to the requirements of Table 1. Containers should generally filled to capacity. Containers for volatile organic compound analysis should be filled from the bottom using a bottom-emptying device fitted into the bailer. Containers for volatile organic compound analysis should not have headspace.
8. Label sample containers, place in ziplock bag, and place on ice in cooler.
9. Log samples onto chain-of-custody form and maintain sample custody until shipped to or picked up by laboratory.
10. Containerize purge water and excess sample in steel drum(s). Label drum(s) with hazardous waste label, contents, and well number from which waste originated.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL

Field quality control samples are not mandatory. Optional field quality control samples may include:

- Duplicate samples at a frequency of 1 per 10 natural samples.
- Cross-contamination blank (also known as a sampler rinsate blank) at a frequency of 1 per 10 natural samples. Cross-contamination blanks are prepared by passing deionized water over and through decontaminated sampling equipment (including sample filter if used).
- If volatile organic compound analyses are specified, travel blanks should also be included at a frequency of 1 per day of sampling.
- Standard reference materials and natural matrix spikes.

Meters for measurement of field parameters should be calibrated at least once per day. Calibration standards should generally approximate or span natural groundwater characteristics. Recalibration may be appropriate if unusual measurements are noticed.

5.0 DOCUMENTATION

The following information should be collected prior to sampling and taken into the field for reference:

- Well completion schematic
- Summary of historic water level, total depth, and field parameter measurements

U.S. Environmental Protection Agency, 1989. A Compendium of Superfund Field Operations Methods, EPA/540/P-87/001, OSWER Directive 9355.0-14. USEPA, Office of Emergency and Remedial Response, Washington, DC. December 1989.

STREAMBORN MONITORING WELL PURGE DATA

Project Name/Number: 901 Jefferson Street	Logged By: Keith Beury
Property Location: 901 Jefferson Street, Oakland CA	Date: 15 December 1993
Well Number: MW-18	Sample Type: Grab ground water
Sampling Equipment: Bailer	Depth to Water: 24.70
Measuring Point: Top of Casing	Total Depth: 29.23
Free Product: No	Odor: No obvious odor
Comments:	Sample Number: MW-18 (15Dec93) OUM ≈ 10 ppm no obvious odor

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Casing Volume (gallons)
29.23	-	24.70	x	0.16	=	0.73

x 3 = 2.19 = 3 well volumes

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µmhos/cm ²)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	2:40	1.6	6.56	900	19.1	40	Slight cldy	clear	No	Start purge
1.5	2:54	1.6	6.54	922	20.4	45	" "	clear	No	Temp using Se i DO
2.0	3:04	1.6	6.62	890	19.6	40	" "	brown-grey	No	meters generally
3.2	3:15	1.4	6.65	860	19.5	45	" "	brown-grey	No	lower than pH meter reading (shown here)
										Collect sample 3:20

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

STREAMBORN MONITORING WELL PURGE DATA

Project Name/Number: 901 Jefferson Street	Logged By: Keith Beury
Property Location: 901 Jefferson Street, Oakland CA	Date: 15 December 1993
Well Number: MW-19	Sample Type: Grab ground water
Sampling Equipment: Bailer	Depth to Water: 25.02
Measuring Point: Top of Casing	Total Depth: 35.10
Free Product: Yes - 1/3" gasoline	Odor: OUM ≈ 375 Petroleum odor
Comments:	Sample Number: MW-19 (15Dec93)

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Casing Volume (gallons)
	-		x		=	

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity (µmhos/cm ²)	Temp (°C)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0										Start purge
										NO SAMPLE COLLECTED BECAUSE
										FLOATING PRODUCT OBSERVED
										Collect sample

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

ATTACHMENT 2
Groundwater Sampling Forms

STREAMBORN MONITORING WELL PURGE DATA

Project Name/Number: 901 Jefferson Street	Logged By: Keith Beury
Property Location: 901 Jefferson Street, Oakland CA	Date: 15 December 1993
Well Number: MW-5	Sample Type: Grab ground water
Sampling Equipment: Bailer	Depth to Water: 24.31
Measuring Point: Top of Casing	Total Depth: 29.11 (sed. in bottom of well?)
Free Product: No	Odor: Wellhead too deep - none obvious
Comments: Petroleum odor during purge	Sample Number: MW-5 (15Dec93) OUM 50-70 ppm

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

Total Depth (feet)	-	Depth to Water (feet)	x	0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well	=	Casing Volume (gallons)
29.11	-	24.31	x	0.16	=	0.77

$\times 3 = 2.31 = 3 \text{ well volumes}$

Purge Volume (gallons)	Time	Dissolved Oxygen (mg/L)	pH	Specific Conductivity ($\mu\text{mhos}/\text{cm}^2$)	Temp ($^{\circ}\text{C}$)	ORP (mV)	Turbidity	Color	Purged Dry?	Comments
0	3:55	1.3	6.53	828	19.6	-40	cloudy	6109	No	Start purge
1.2	4:07	1.8	6.58	915	19.5	-45	" "	" "	No	
2.7	4:20	1.7	6.55	830	19.9	-40	" "	" "	No	
3.2	4:27	1.9	6.57	816	19.2	-45	" "	" "	No	
										Collect sample 4:30

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

STANDARD OPERATING PROCEDURE (SOP) 16A
WELL PURGING AND SAMPLING ASSOCIATED WITH
UNDERGROUND TANK RELEASES

1.0 INTRODUCTION AND SUMMARY

This SOP describes procedures to purge and sample wells that have been properly installed and developed for the investigation of potential or confirmed releases from underground tanks. Typically, this SOP will be used for sampling monitoring wells with 2- or 4-inch diameter casing. The sampling described herein is appropriate for groundwater analyses typically required for underground tank release investigations, including: volatile and semivolatile organic compounds. For newly installed and developed wells, the purging and sampling described in this SOP is typically performed at least 7 days after well development to allow ambient groundwater conditions to re-establish in the vicinity of the well.

The procedures described in this SOP should be modified for domestic wells or wells with dedicated sampling equipment. The procedures should also be modified if product is observed in the well.

Typical well sampling and purging activities include decontaminating the purging and sampling equipment, purging the stagnant water from the well casing and filter pack by bailing, measuring field parameters and volume of evacuated groundwater during purging, terminating the purging process when field parameters stabilize, collecting groundwater samples by bailing, and labeling and preserving the collected samples.

2.0 EQUIPMENT AND MATERIALS

- Water sampling log
- Buckets and bristle brushes for decontamination
- Low residue, organic free soap such as Liquinox or Alconox
- If sampling is to be performed for metals, dilute (10%) reagent-grade nitric acid (for decontamination)
- Tap water (for decontamination)
- Distilled water (for decontamination and potential quality control blank samples)
- Cooler with ice (do not use blue ice or dry ice)
- Ziplock bags of size to accommodate sample containers
- Steel, 55-gallon, open-top drums, DOT 17H
- Field organic vapor monitor. The make, model, and calibration information of the field organic vapor monitor (including compound and concentration of calibration gas) should be documented.
- Laboratory-cleaned containers of proper type and size for the analytical parameters (refer to Table 1)
- Glass beaker, ± 250 milliliter for measurement of field parameters. A similar flow-through cell may also be used.
- Water level meter

Table 1
Sampling and Preservation for Groundwater Samples

Parameter	Analytical Method	Container	Preservation	Maximum Holding Time
Purgeable Halocarbons by GC	EPA 8010	Two 40-ml glass vials	Place on ice in a cooler (Cool to 4° C)	14 days after collection
Purgeable Aromatics by GC (including Benzene, Toluene, Ethylbenzene, and Xylenes)	EPA 8020	Two 40-ml glass vials	Place on ice in a cooler (Cool to 4° C)	14 days after collection
Volatile Organic Compounds by GC/MS	EPA 8240	Two 40-ml glass vials	Place on ice in a cooler (Cool to 4° C)	14 days after collection
Semivolatile Organic Compounds by GC/MS (Base/Neutral/Acid Extractable Organics)	EPA 8270	Two 1-liter amber glass bottles	Place on ice in a cooler (Cool to 4° C)	Extract 7 days after collection Analyze 40 days after extraction
Total Petroleum Hydrocarbons as Motor Oil	Extract by EPA 3510 and analyze by GCFID	Two 1-liter amber glass bottles	Place on ice in a cooler (Cool to 4° C)	Extract 7 days after collection Analyze 7 days after extraction
Total Petroleum Hydrocarbons as Diesel	Extract by EPA 3510 and analyze by GCFID	Two 1-liter amber glass bottles	Place on ice in a cooler (Cool to 4° C)	Extract 7 days after collection Analyze 7 days after extraction
Total Petroleum Hydrocarbons as Gasoline	Extract by EPA 5030 and analyze by GCFID	Two 40-ml glass vials	Place on ice in a cooler (Cool to 4° C)	Extract 7 days after collection Analyze 7 days after extraction
Oil & Grease	SM 5520	One 1-liter amber glass bottles	Place on ice in a cooler (Cool to 4° C)	28 days after collection

Alameda County Department of Environmental Health
Hazardous Materials Division

80 Swan Way, Rm. 200, Oakland, CA 94621
Ph: 510-271-4320 FAX: 510-568-3706

Meeting Attendees

Subject 901 Jefferson St., Oakland CA

Date 7-28-94

Location 1131 Harbor Bay Pkwy, Alameda CA 94502

Name	Affiliation	Phone #	FAX #
1 Jennifer Eberle	Alameda Co. (510)	567-6700	1337-9335
2 Doug ^{a SHAR} Salter	Owners 9th & Jefferson	303.595.0201	303.595.0212
3 Doug Lovell	Stromborn	510/528-4231	510/528-2613
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