

December 9, 1998

**QUARTERLY GROUNDWATER MONITORING
REPORT**

Fourth Quarter 1997

DEC

1353 E. 14th Street
Oakland, CA

Project No. 1599

Prepared For

Foss Lampshade Studios, Inc.
1340 E. 12th Street
Oakland, CA 94606

Prepared By

All Environmental, Inc.
3364 Mt. Diablo Boulevard
Lafayette, CA 94583
(800) 801-3224

AEI



January 9, 1998

Mr. Norman Foss
Foss Lampshade Studios, Inc.
1340 E. 12th Street
Oakland, CA 94606

**Re: Quarterly Groundwater Monitoring and Sampling Report
Fourth Quarter 1997**
1353 E. 14th Street
Oakland, CA 94606
Project No. 1599

Dear Mr. Foss:

All Environmental, Inc. (AEI) has prepared this report to document the second quarterly monitoring of the on-site groundwater monitoring well at the above referenced site (Figure 1: Site Location Map). The investigation was initiated by the property owner in accordance with requirements from the Alameda County Health Care Service (ACHCS). The purpose of this activity is to monitor groundwater quality in the vicinity of the dry cleaning operation. This report presents the findings of the second episode of groundwater monitoring and sampling conducted in the fourth quarter of 1997.

Site Description and Background

The subject property currently supports the operation of Style Center Cleaners, a dry cleaning facility. The property has reportedly contained a dry cleaning facility for the last 50 years. A closed-loop dry cleaning machine was installed approximately 5 years ago by the current tenant. The floor of the building is wooden with a crawl space separating the floor from the ground. A concrete pad foundation supports the current dry cleaning machine. A small driveway runs the length of the dry cleaning building on the south (Figure 2: Site Plan).

On August 26, 1996, Ms. Madhulla Logan of the ACHCSA requested a soil and groundwater investigation be performed on the property. The investigation was requested to determine if the on-site dry cleaning facility was a source of solvent contamination found in the groundwater at the former General Tire site, located adjacent to the subject property. Three groundwater monitoring wells were installed at the former General Tire site between March, 1992 and September, 1993 by Jonas & Associates, Inc. The wells (labeled MW-1, MW-2 and MW-3) were installed to investigate petroleum hydrocarbon contamination.

Corporate Headquarters:

901 Moraga Road, Suite C
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Hermosa Beach, CA 90254
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Fax: (310) 798-2841

During quarterly monitoring of the wells, solvents were present in groundwater samples collected from MW-2 at concentrations ranging from 14 µg/l to 44 µg/l.

AEI performed a subsurface investigation at the property on December 13, 1996. The investigation included the advancement of five soil borings (BH-1 through BH-5). Concentrations of tetrachloroethene (PCE) were detected in all analyzed soil samples at concentrations ranging from 8.7 µg/l to 150 µg/l. Trichloroethene (TCE) and chloroform were detected in the soil at maximum concentrations of 0.45 µg/kg and 640 µg/kg, respectively. No other volatile halocarbons were detected above the method detection limit. PCE, TCE and chloroform were present in grab groundwater samples collected from four of the soil borings at maximum concentrations of 1100 µg/l, 3.0 µg/l and 4.8 µg/l, respectively.

On July 3, 1997, AEI installed a single groundwater monitoring well (AE-1) located approximately 10 feet down-gradient from the dry cleaning machine (Figure 2). Groundwater samples were collected from the well on July 31, 1997. Groundwater samples were also collected from MW-1 and MW-2 located on the adjacent site. MW-3 was not sampled. The four wells were surveyed in order to determine groundwater flow direction and gradient. No volatile halocarbons were detected in groundwater samples collected from AE-1, the on-site well. Refer to Table 2 for a summary of the analytical results from the first and subsequent groundwater monitoring episodes.

Summary of Activities

AEI measured the depth to groundwater in all four of the wells and collected water samples from AE-1 on November 6, 1997. The well locations are shown on Figure 2. The depth from the top of the well casings were measured prior to sampling with an electric water level indicator.

AE-1 was purged using a battery powered submersible pump and a groundwater sample was collected using a clean disposable Teflon bailer. Temperature, pH, and turbidity were measured during the purging of the well (refer to Attachment A). AEI removed at least 3 well volumes. Once the temperature, pH, and turbidity stabilized, a water sample was collected.

Water was poured from the bailer into 40 ml VOA vials and capped so that there was no head space or visible air bubbles within the sample containers. Samples were shipped on ice under proper chain of custody protocol to McCampbell Analytical, Inc. of Pacheco, California (State Certification #1644).

Groundwater samples were submitted for chemical analyses for Volatile Halocarbons (EPA method 60/8010).

Field Results

Groundwater levels for the current monitoring episode ranged from 9.83 to 14.81 feet above Mean Sea Level (MSL). These groundwater elevations were consistent with the previous monitoring episode. The direction of the groundwater flow at the time of measurement was to the southeast. The latest estimated groundwater gradient is approximately 0.05 feet per foot.

Groundwater elevation data is summarized in Table 1. The groundwater elevation contours and the groundwater flow direction are shown in Figure 2. Refer to Attachment A for the Groundwater Monitoring Well Field Sampling Forms.

Groundwater Quality

Volatile halocarbons were not detected in groundwater samples collected from AE-1. The non-detect results are consistent with the previous monitoring episode.

A summary of groundwater quality data is presented in Table 2. Laboratory results and chain of custody documents are included in Attachment B. Previous laboratory results and chain of custody documents are included in Attachment C.

Recommendations

AEI recommends the continued quarterly groundwater monitoring and sampling of the on-site well. Groundwater level measurements will continue to be collected from the three off-site wells; MW-1, MW-2 and MW-3. The next monitoring and sampling episode is scheduled for January 30, 1998. Groundwater samples from AE-1, MW-1 and MW-2 will be collected and analyzed during the next monitoring episode.

References

- AEI, Phase II Subsurface Investigation Report, issued January 31, 1997
- AEI, Groundwater Monitoring Well Installation and Sampling Report, issued October 6, 1997

Report Limitations and Signatures

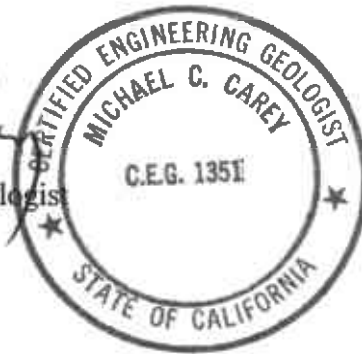
This report presents a summary of work completed by All Environmental, Inc., including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices in the environmental engineering and construction field that existed at the time and location of the work.

Sincerely,
All Environmental, Inc.

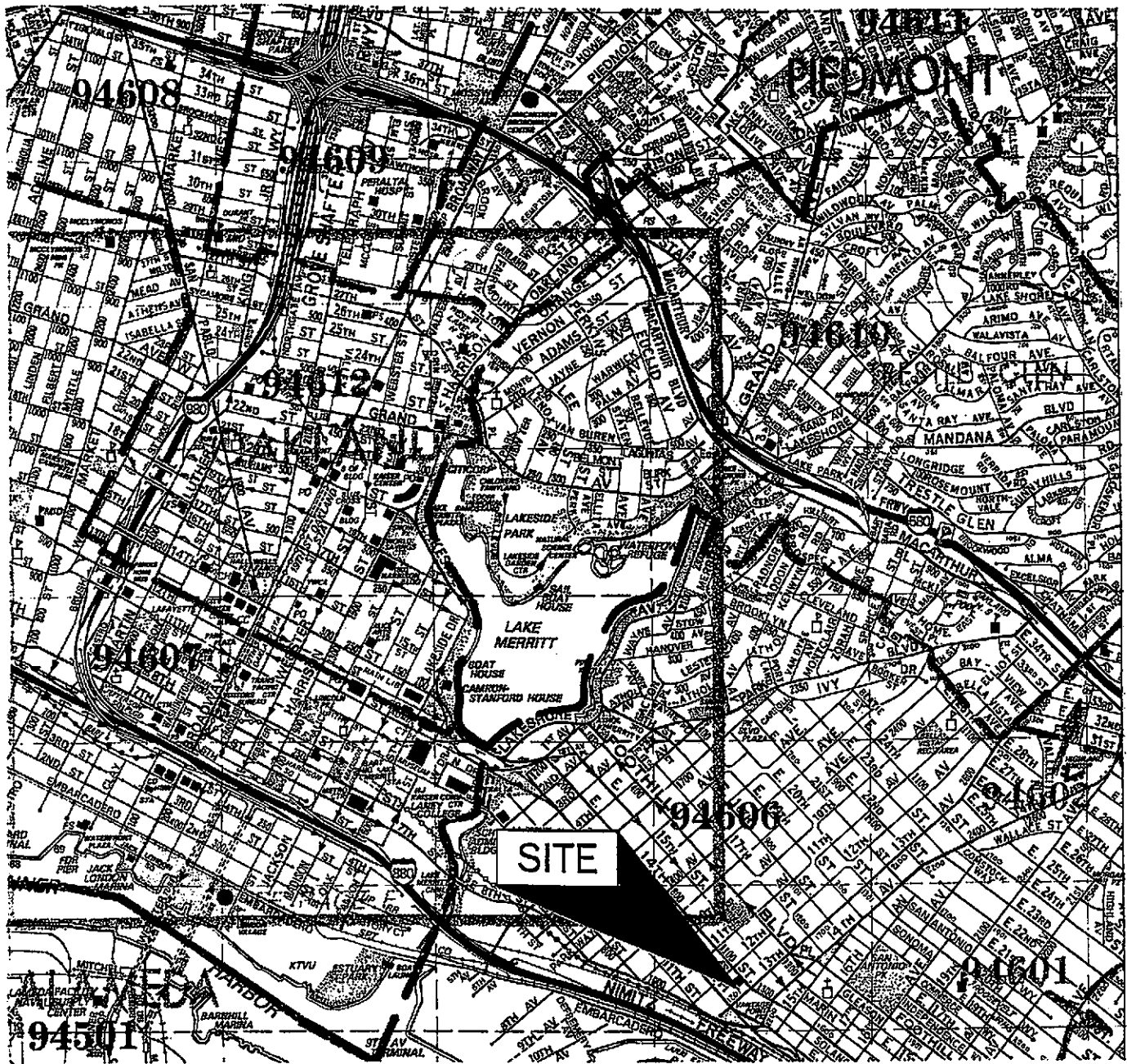

Jennifer Pucci
Project Manager


Michael Carey, CEG
Certified Engineering Geologist



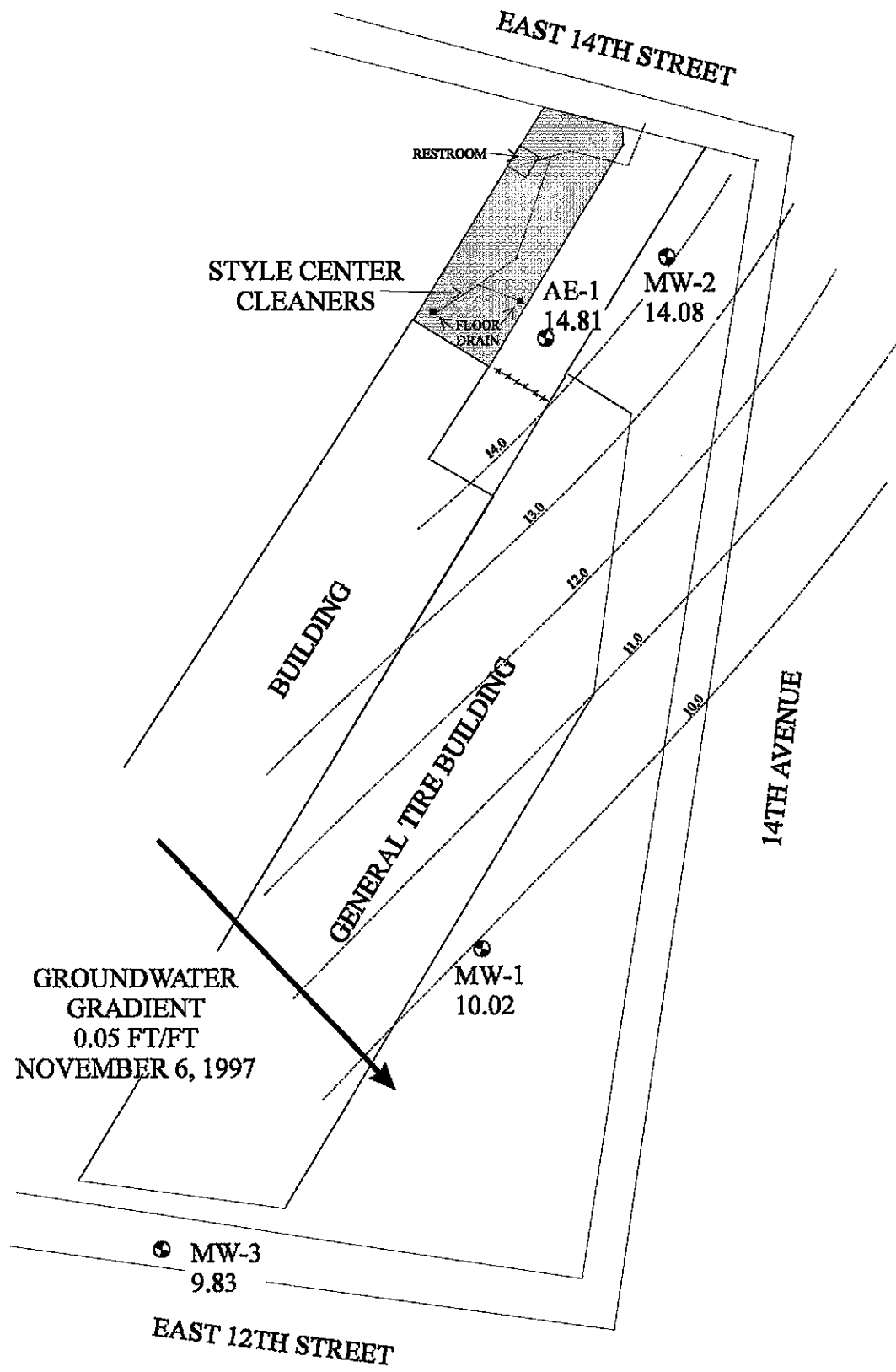
Figures
Tables
Attachment A
Attachment B
Attachment C

cc: Ms. Madhulla Logan, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577.



FROM:
THOMAS BROS. MAPS

ALL ENVIRONMENTAL, INC. 3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 1/4 MI	APPROVED BY:	DRAWN BY:
DATE: 6 NOVEMBER 97		REVISED:
SITE LOCATION MAP		
1353 E. 14TH STREET OAKLAND, CALIFORNIA		DRAWING NUMBER: FIGURE 1



ALL ENVIRONMENTAL, INC. 3364 MT. DIABLO BOULEVARD, LAFAYETTE, CA	
SCALE: 1 IN = 40 FT	DATE: 7/31/97
SITE PLAN	
1353 E. 14TH STREET OAKLAND, CALIFORNIA	DRAWING NUMBER: FIGURE 2

TABLE 2

Volatile Halocarbon* Groundwater Sample Analytical Data

Well Number	Date	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis 1,2-DCE (µg/l)	trans 1,2-DCE (µg/l)	PCE (µg/l)	TCE (µg/l)	Vinyl Chloride (µg/l)
AE-1	7/31/97	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
	11/6/97	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
MW-1	7/31/97	0.63	<0.5	0.80	<0.5	<0.5	<0.5	<0.5
	11/6/97	NS	NS	NS	NS	NS	NS	NS
MW-2	7/31/97	<1.0	1.4	46	1.9	27	100	2.3
	11/6/97	NS	NS	NS	NS	NS	NS	NS
MCLs		5.0	6.0	6.0	10	5.0	5.0	0.5

* All unlisted Volatile Halocarbons (EPA method 601) were not detected above the method detection limit of 0.5 µg/l

µg/l = micrograms per liter (ppb)

NS = Not Sampled

ALL ENVIRONMENTAL INC. - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM					
Monitoring Well Number: AE-1					
Project Name: Foss			Date of Sampling: 11/6/97		
Job Number: 1599			Name of Sampler: DR		
Project Address: 1353 E. 14 th Street					
Oakland, CA					
MONITORING WELL DATA					
Well Casing Diameter (2"/4"/6")			2"		
Seal at Grade -- Type and Condition			good		
Well Cap & Lock -- OK/Replace			OK		
Elevation of Top of Casing			20.42		
Depth of Well			15.0		
Depth to Water			5.61		
Water Elevation			14.81		
Three Well Volumes (gallons)*					
2" casing: (TD - DTW)(0.16)(3)			4.5		
4" casing: (TD - DTW)(0.65)(3)					
6" casing: (TD - DTW)(1.44)(3)					
Actual Volume Purged (gallons)			5 gallons		
Appearance of Purge Water			turbid		
GROUNDWATER SAMPLES					
Number of Samples/Container Size			2-40ml VOAs		
Time	Vol Remvd (gal)	Temp (deg C)	pH	Cond (mS)	Comments
1100	1	65.5	7.26	959	
1105	2	66.1	7.36	832	
1107	3	66.1	7.55	830	
1110	4	65.6	7.67	825	
1113	5	65.7	7.67	824	
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)					
No odor.					

TD - Total Depth of Well
DTW - Depth To Water

ALL ENVIRONMENTAL INC. - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM					
Monitoring Well Number: MW-1					
Project Name: Foss			Date of Sampling: 11/6/97		
Job Number: 1599			Name of Sampler: DR		
Project Address: 1353 E. 14 th Street Oakland, CA					
MONITORING WELL DATA					
Well Casing Diameter (2"/4"/6")			2"		
Seal at Grade -- Type and Condition			good		
Well Cap & Lock -- OK/Replace			OK		
Elevation of Top of Casing			18.29		
Depth of Well			15.5		
Depth to Water			8.27		
Water Elevation			10.02		
Three Well Volumes (gallons)*					
2" casing: (TD - DTW)(0.16)(3)					
4" casing: (TD - DTW)(0.65)(3)					
6" casing: (TD - DTW)(1.44)(3)					
Actual Volume Purged (gallons)					
Appearance of Purge Water					
GROUNDWATER SAMPLES					
Number of Samples/Container Size					
Time	Vol Remvd (gal)	Temp (deg C)	pH	Cond (mS)	Comments
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)					
No gw samples collected.					

TD - Total Depth of Well
DTW - Depth To Water

ALL ENVIRONMENTAL INC. - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM					
Monitoring Well Number: MW-2					
Project Name: Foss			Date of Sampling: 11/6/97		
Job Number: 1599			Name of Sampler: DR		
Project Address: 1353 E. 14 th Street					
Oakland, CA					
MONITORING WELL DATA					
Well Casing Diameter (2"/4"/6")			4"		
Seal at Grade -- Type and Condition			Good		
Well Cap & Lock -- OK/Replace			OK		
Elevation of Top of Casing			20.18		
Depth of Well			15.5		
Depth to Water			6.10		
Water Elevation			14.08		
Three Well Volumes (gallons)*					
2" casing: (TD - DTW)(0.16)(3)					
4" casing: (TD - DTW)(0.65)(3)					
6" casing: (TD - DTW)(1.44)(3)					
Actual Volume Purged (gallons)					
Appearance of Purge Water					
GROUNDWATER SAMPLES					
Number of Samples/Container Size					
Time	Vol Remvd (gal)	Temp (deg C)	pH	Cond (mS)	Comments
COMMENTS (i.e., sample odor, well recharge time & percent, etc.)					
No samples collected.					

TD - Total Depth of Well
DTW - Depth To Water

**ALL ENVIRONMENTAL INC. - GROUNDWATER MONITORING WELL
FIELD SAMPLING FORM**

Monitoring Well Number: MW-3

Project Name: Foss	Date of Sampling: 11/6/97
Job Number: 1599	Name of Sampler: DR
Project Address: 1353 E. 14th Street	
Oakland, CA	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing	19.55
Depth of Well	15.5
Depth to Water	9.72
Water Elevation	9.83

Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	

Actual Volume Purged (gallons)	
Appearance of Purge Water	

GROUNDWATER SAMPLES

Number of Samples/Container Size	
----------------------------------	--

Time	Vol Remvd (gal)	Temp (deg C)	pH	Cond (mS)	Comments

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No samples collected.

TD - Total Depth of Well
DTW - Depth To Water



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 510-798-1620 Fax : 510-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

All Environmental, Inc. 3364 Mt. Diablo Blvd. Lafayette, CA 94549	Client Project ID: Foss; Oakland	Date Sampled: 11/06/97
		Date Received: 11/10/97
	Client Contact: Jennifer Pucci	Date Extracted: 11/10/97
	Client P.O:	Date Analyzed: 11/10/97

11/17/97

Dear Jennifer:

Enclosed are:

- 1). the results of 1 samples from your **Foss; Oakland** project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



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All Environmental, Inc. 3364 Mt. Diablo Blvd. Lafayette, CA 94549	Client Project ID: Foss; Oakland	Date Sampled: 11/06/97
		Date Received: 11/10/97
	Client Contact: Jennifer Pucci	Date Extracted: 11/10/97
	Client P.O:	Date Analyzed: 11/10/97

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	82836		
Client ID	AE-1		
Matrix	W		
Compound	Concentration		
Bromodichloromethane	ND		
Bromoform ^(b)	ND		
Bromomethane	ND		
Carbon Tetrachloride ^(c)	ND		
Chlorobenzene	ND		
Chloroethane	ND		
2-Chloroethyl Vinyl Ether ^(d)	ND		
Chloroform ^(e)	ND		
Chloromethane	ND		
Dibromochloromethane	ND		
1,2-Dichlorobenzene	ND		
1,3-Dichlorobenzene	ND		
1,4-Dichlorobenzene	ND		
Dichlorodifluoromethane	ND		
1,1-Dichloroethane	ND		
1,2-Dichloroethane	ND		
1,1-Dichloroethene	ND		
cis 1,2-Dichloroethene	ND		
trans 1,2-Dichloroethene	ND		
1,2-Dichloropropane	ND		
cis 1,3-Dichloropropene	ND		
trans 1,3-Dichloropropene	ND		
Methylene Chloride ^(f)	ND		
1,1,2,2-Tetrachloroethane	ND		
Tetrachloroethene	ND		
1,1,1-Trichloroethane	ND		
1,1,2-Trichloroethane	ND		
Trichloroethene	ND		
Trichlorofluoromethane	ND		
Vinyl Chloride ^(g)	ND		
% Recovery Surrogate	99		
Comments			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe
 Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

QC REPORT FOR EPA 8010/8020/EDB

Date: 11/10/97

Matrix: WATER

Analyte	Concentration (ug/L)				% Recovery		
	Sample # (82716)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0.0	9.9	10.5	10.0	99	105	5.7
Trichloroethene	0.0	9.0	9.5	10.0	90	95	6.3
EDB	0.0	8.0	8.3	10.0	80	83	4.1
Chlorobenzene	0.0	9.4	9.8	10.0	94	98	4.3
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

9846 XALE199

McCAMBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #17
PACIFICCO, CA 94553

Telephone: (510) 798-1620

Fax: (510) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HOUR 48 HOUR 5 DAY

Report To: TENV. FOR PULL Bill To:
Company: All Environmental, Inc.
3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Tele: (510) 283-6000 Fax: (510) 283-6121
Project #: Project Name: Foss
Project Location: OAKLAND
Sampler Signature: Dusty Roy

Analysis Request

Other

Comments

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other					
AE-1		11/6/97		2		X													

BTEX & TPH as Gas (602/8020 - 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418,1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239,2/6010)	RCI					
				X															

82836

Relinquished By: Dusty Roy Date: 11/6/97 Time: 11:00am
Received By: Chidi Pucca
Relinquished By: Date: Time: Received By:
Relinquished By: Date: Time: Received By:

Remarks:
ICEA GOOD CONDITION
HEAD SPACE ABSENT
PRESERVATION APPROPRIATE
CONTAINERS
VOAS O&G METALS OTHER



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All Environmental, Inc. 3364 Mt. Diablo Blvd. Lafayette, CA 94549	Client Project ID: #1599; Foss	Date Sampled: 07/31/97
		Date Received: 07/31/97
	Client Contact: Jennifer Pucci	Date Extracted: 07/31/97
	Client P.O:	Date Analyzed: 07/31/97

08/07/97

Dear Jennifer:

Enclosed are:

- 1). the results of 3 samples from your #1599; Foss project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



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	Client Contact: Jennifer Pucci	Date Received: 07/31/97
	Client P.O:	Date Extracted: 07/31/97
		Date Analyzed: 08/01-08/04/97

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	79258	79259	79260
Client ID	MW-1	MW-2	AE-1
Matrix	W	W	W
Compound	Concentration*		
Bromodichloromethane	ND	ND<1.0	ND
Bromoform ^(b)	ND	ND<1.0	ND
Bromomethane	ND	ND<1.0	ND
Carbon Tetrachloride ^(c)	ND	ND<1.0	ND
Chlorobenzene	ND	ND<1.0	ND
Chloroethane	ND	ND<1.0	ND
2-Chloroethyl Vinyl Ether ^(d)	ND	ND<1.0	ND
Chloroform ^(e)	ND	ND<1.0	ND
Chloromethane	ND	ND<1.0	ND
Dibromochloromethane	ND	ND<1.0	ND
1,2-Dichlorobenzene	ND	ND<1.0	ND
1,3-Dichlorobenzene	ND	ND<1.0	ND
1,4-Dichlorobenzene	ND	ND<1.0	ND
Dichlorodifluoromethane	ND	ND<1.0	ND
1,1-Dichloroethane	0.63	ND<1.0	ND
1,2-Dichloroethane	ND	ND<1.0	ND
1,1-Dichloroethene	ND	1.4	ND
cis 1,2-Dichloroethene	0.80	46	ND
trans 1,2-Dichloroethene	ND	1.9	ND
1,2-Dichloropropane	ND	ND<1.0	ND
cis 1,3-Dichloropropene	ND	ND<1.0	ND
trans 1,3-Dichloropropene	ND	ND<1.0	ND
Methylene Chloride ^(f)	ND	ND<1.0	ND
1,1,2,2-Tetrachloroethane	ND	ND<1.0	ND
Tetrachloroethene	ND	27	ND
1,1,1-Trichloroethane	ND	ND<1.0	ND
1,1,2-Trichloroethane	ND	ND<1.0	ND
Trichloroethene	ND	100	ND
Trichlorofluoromethane	ND	ND<1.0	ND
Vinyl Chloride ^(g)	ND	2.3	ND
% Recovery Surrogate	103	103	102
Comments			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe
 Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than -5 vol. % sediment; (j) sample diluted due to high organic content.

QC REPORT FOR EPA 8010/8020/EDB

Date: 08/01/97

Matrix: Water

Analyte	Concentration (ug/L)				% Recovery		
	Sample # (78138)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0.0	8.6	8.6	10.0	86	86	0.0
Trichloroethene	0.0	8.6	8.7	10.0	86	87	1.2
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0.0	9.0	9.1	10.0	90	91	1.1
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

