aqua science engineers inc.

January 5, 2000

QUARTERLY GROUNDWATER MONITORING REPORT
DECEMBER 20, 1999 GROUNDWATER SAMPLING
ASE JOB NO. 3389

at

Lerer Brothers Transmission
6340 Christie Ave.
Emeryville, CA 94608

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
208 W. El Pintado
Danville, CA 94526
(925) 820-9391

1.0 INTRODUCTION

Site Location (Site), See Figure 1
Lerer Brothers Transmission
6340 Christie Ave.
Emeryville, CA 94608

Responsible Party
Mr. Richard Gold
P.O. Box 117820
Burlingame, CA 94011-7820

Environmental Consulting Firm
Aqua Science Engineers, Inc. (ASE)
208 W. El Pintado
Danville, CA 94583
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review
Alameda County Health Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy., Suite 250
Alameda, CA 94502
Contact: Ms. Susan Hugo
(510) 567-6700

California Regional Water Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
Contact: Mr. Chuck Headlee
(510) 622-2433

The following is a report detailing the results of the December 20, 1999 quarterly groundwater sampling at the above-referenced site. This sampling was conducted as required by the RWQCB. ASE has prepared this report on behalf of Mr. Richard Gold, owner of the property.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 20, 1999, ASE associate geologist Ian Reed measured the depth to water in each site groundwater monitoring well using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. There was no free-floating product or sheen present in any well. Groundwater elevation data is presented as Table One.

TABLE ONE
Groundwater Elevation Data

Well I.D.	Date of Measurement	Top of Casing Elevation (relative to project datum)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-1	1-28-99	10.00	4.85	5.15
	3-29-99		4.85	5.15
	7-20-99		5.08	4.92
	10-22-99		5.08	4.92
	12-20-99		**5.10**	**4.90**
MW-2	1-28-99	9.96	4.17	5.79
	3-29-99		3.89	6.07
	7-20-99		4.30	5.66
	10-22-99		4.36	5.60
	12-20-99		**4.48**	**5.48**
MW-3	1-28-99	9.25	4.23	5.02
	3-29-99		4.41	4.84
	7-20-99		3.86	5.39
	10-22-99		3.94	5.31
	12-20-99		**4.18**	**5.07**

A groundwater potentiometric surface map is presented as Figure 2. The groundwater flow direction is to the southeast with a gradient of approximately 0.011-feet/foot. This groundwater flow direction is consistent with previous findings.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

Prior to sampling, each monitoring well was purged of four well casing volumes of groundwater using a dedicated bailer. Slight petroleum hydrocarbon odors were present during the purging and sampling of the groundwater monitoring wells. The parameters pH, temperature and conductivity were monitored during the well purging. Samples were not collected until these parameters stabilized. Groundwater samples were

collected from each well using dedicated polyethylene bailers. The samples were decanted from the bailers into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid. The samples were capped without headspace, labeled and placed in coolers with wet ice for transport to Chromalab, Inc. of Pleasanton, California (ELAP 1094) under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A.

The groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) by EPA Method 5030/8015M, benzene, toluene, ethylbenzene and total xylenes (collectively known as BTEX) by EPA Method 8020 and methyl tertiary butyl ether (MTBE) by EPA Method 8020. The analytical results for this sampling period are presented in Table Two. The certified analytical report and chain-of-custody documentation are included as Appendix B.

TABLE TWO
Certified Analytical Results of **GROUNDWATER** Samples
All results are in **parts per billion**

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Lead
MW-1							
1-28-99	730	22	3.3	24	61	<5.0	<5.0
3-29-99	950	37	5.7	27	60	<5.0	--
7-20-99	970	40	5.4	67	120	<5.0	--
10-22-99	1,300	71	7.2	100	210	<10	--
12-20-99	**2,000**	**72**	**10**	**93**	**220**	**< 5.0**	--
MW-2							
1-28-99	710	20	180	14	67	<5.0	<5.0
3-29-99	500	8.6	44	4.3	25	<5.0	--
7-20-99	510	8.4	44	6.0	31	<5.0	--
10-22-99	280	13	10	6.2	36	<5.0	--
12-20-99	**480**	**8.6**	**4.6**	**5.8**	**29**	**< 5.0**	--
MW-3							
1-28-99	<50*	<0.5	<0.5	<0.5	0.69	<5.0	<5.0
3-29-99	130	1.9	8.2	1.4	7.1	<5.0	--
7-20-99	170	<0.5	1.9	<0.5	0.89	<5.0	--
10-22-99	70**	<0.5	<0.5	<0.5	<0.5	<0.5	--
12-20-99	**110**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 5.0**	--
DHS MCL	NE	1	150	700	1,750	13	15
EPA METHOD	5030/ 8015M	8020	8020	8020	8020	8020	6010

Notes:
* = Hydrocarbons uncharacteristic of gasoline detected in the gasoline range at 68 ppb.
** = Hydrocarbons detected do not match a gasoline standard
-- = Not analyzed
NE = DHS MCL not established
DHS MCL = California Department of Health Services maximum contaminant level for drinking water.
Non-detectable concentrations noted by the less than sign (<) followed by the laboratory detection limit.

4.0 CONCLUSIONS

The groundwater flow direction beneath this site is to the southeast at a gradient of 0.011 feet/foot. This groundwater flow direction is consistent with previous findings.

Hydrocarbon concentrations detected in groundwater samples collected from all three monitoring wells are similar to previous results. The TPH-G concentration increased slightly in the groundwater samples collected from all three wells. Benzene concentrations in groundwater samples collected from monitoring wells MW-1 and MW-2 exceeded the California Department of Health Services (DHS) maximum contaminant level (MCL) for drinking water. MTBE has not been detected in any groundwater sample collected in the past five quarters.

5.0 RECOMMENDATIONS

Following the October quarterly groundwater sampling, Ms. Susan Hugo of the ACHCSA stated that if the results of the next sampling were lower than the October sampling, and the TPH-G concentration was below 1,000 ppb, then the ACHCSA would close this case. However, the results were almost identical to the October results except the TPH-G concentration in monitoring well MW-1 rose to 2,000 ppb. Although the conditions for closure were not met, ASE still recommends that this case be closed because (a) relatively low hydrocarbon concentrations have been detected for over four quarters of groundwater monitoring, (b) the horizontal extent of hydrocarbons in groundwater at the site is very limited, (c) the hydrocarbon plume does not lie beneath any buildings, (d) the site lies in a commercial/industrial area, and (e) there is no current or expected usage of groundwater for drinking purposes in the site vicinity.

6.0 REPORT LIMITATIONS

The results presented in this report represent the conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of independent CAL-EPA certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

Aqua Science Engineers appreciates the opportunity to provide environmental consulting services to Lerer Brother Transmission Service, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Ian Reed
Associate Geologist

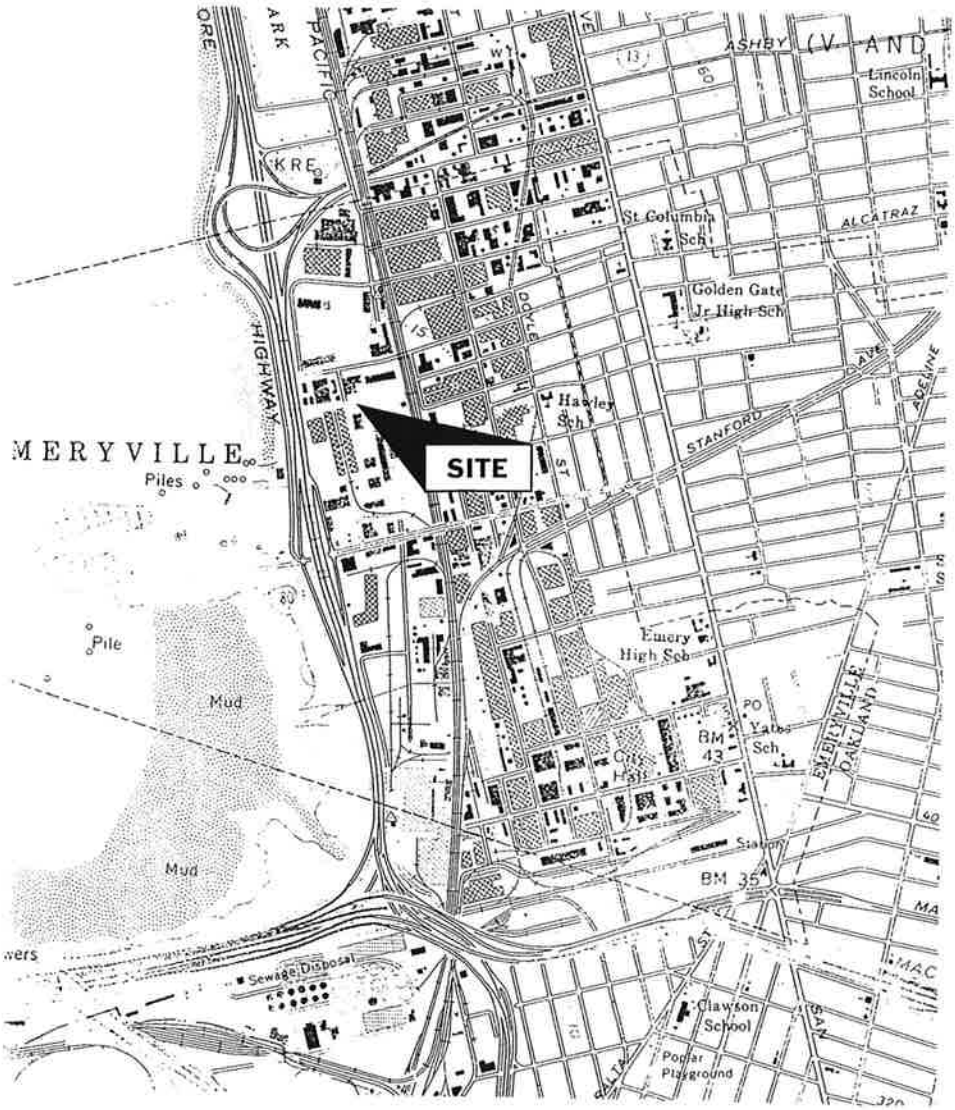
Robert E. Kitay, R.G., R.E.A.
Senior Geologist

Attachments: Figures 1 and 2
Appendices A and B

cc: Ms. Susan Hugo, Alameda County Health Care Services Agency
Mr. Chuck Headlee, RWQCB, San Francisco Bay Region

FIGURES

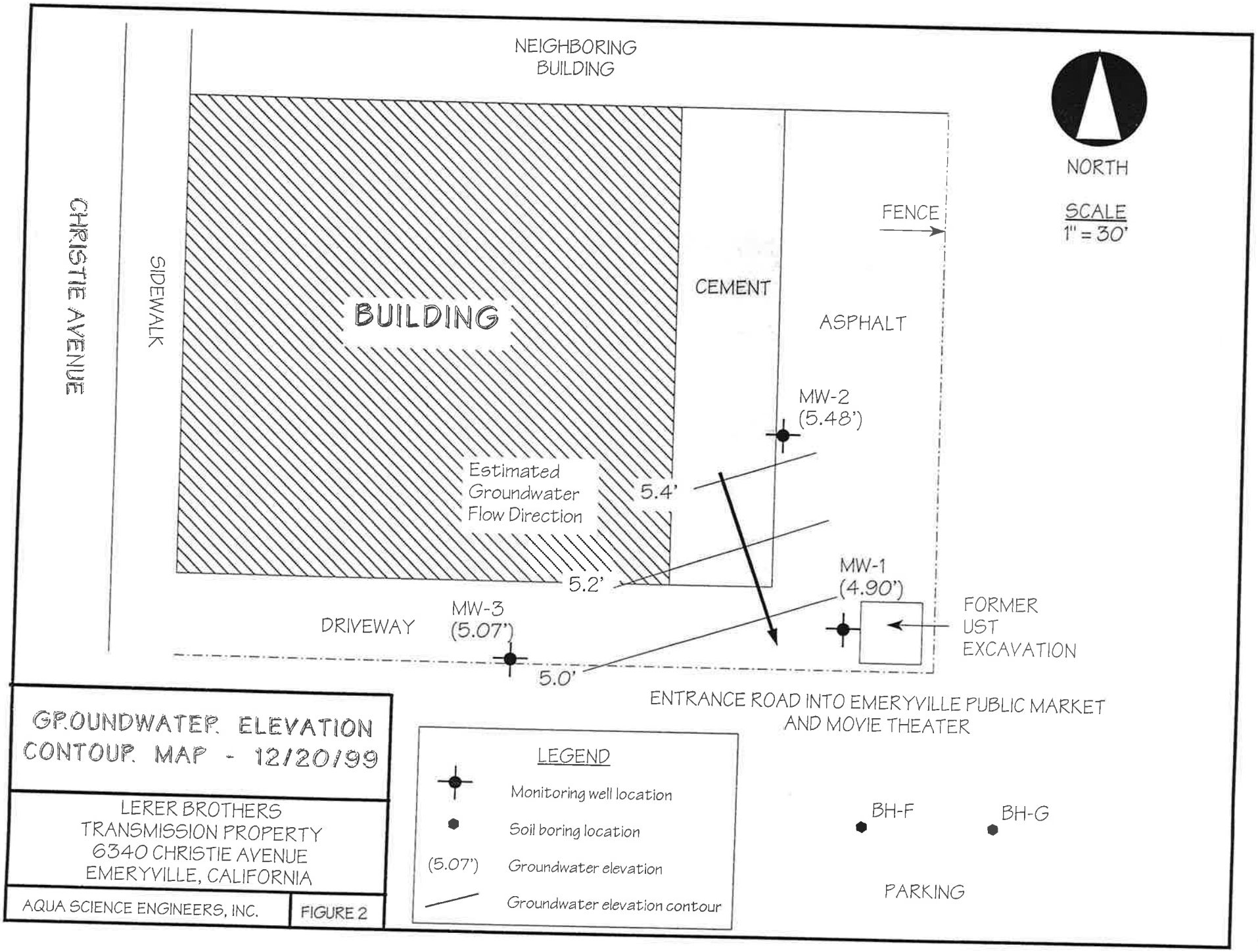
NORTH



SITE LOCATION MAP

LERER BROTHERS
TRANSMISSION PROPERTY
6340 CHRISTIE AVENUE
EMERYVILLE, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC. | FIGURE 1



GROUNDWATER ELEVATION CONTOUR MAP - 12/20/99

LERER BROTHERS
TRANSMISSION PROPERTY
6340 CHRISTIE AVENUE
EMERYVILLE, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC. | FIGURE 2

APPENDIX A

Well Sampling Field Logs

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: Lerer Brothers
Job #: 3389 Date of sampling: 12-20-99
Well Name: MW-1 Sampled by: ITR
Total depth of well (feet): 17.72 Well diameter (inches): 2"
Depth to water before sampling (feet): 5.10'
Thickness of floating product if any: —
Depth of well casing in water (feet): 12.62'
Number of gallons per well casing volume (gallons): 2.1
Number of well casing volumes to be removed: 4
Req'd volume of groundwater to be purged before sampling (gallons): 8.4
Equipment used to purge the well: dedicated bailer
Time Evacuation Began: 1600 Time Evacuation Finished: 1625
Approximate volume of groundwater purged: 8.5
Did the well go dry?: NO After how many gallons: —
Time samples were collected: 1630
Depth to water at time of sampling: 5.14'
Percent recovery at time of sampling: 99%
Samples collected with: dedicated bailer
Sample color: clear/gray Odor: slight hydrocarbon
Description of sediment in sample: silt

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1	70.3	5.61	871
2	71.2	5.57	904
3	71.6	5.61	861
4	71.4	5.74	891

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-1	3	40ml VOA	✓	✓	TPH-G/MTBE/BTEX

2411 Old Crow Canyon Road #4, San Ramon, CA 94583 • 510-820-9391 • Fax 510-837-4853

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: Lerer Brothers
Job #: 3389 Date of sampling: 12-20-99
Well Name: MW-2 Sampled by: ITR
Total depth of well (feet): 18.45 Well diameter (inches): 2"
Depth to water before sampling (feet): 4.48
Thickness of floating product if any:
Depth of well casing in water (feet): 13.97
Number of gallons per well casing volume (gallons): 2.4
Number of well casing volumes to be removed: 4
Req'd volume of groundwater to be purged before sampling (gallons): 9.5
Equipment used to purge the well: dedicated bailer
Time Evacuation Began: 1530 Time Evacuation Finished: 1535
Approximate volume of groundwater purged: 9.5
Did the well go dry?: NO After how many gallons: -
Time samples were collected: 1600
Depth to water at time of sampling: 4.51'
Percent recovery at time of sampling: 99%
Samples collected with: dedicated bailer
Sample color: clear Odor: None
Description of sediment in sample: silt

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1	71.4	6.01	610
2	72.0	5.97	691
3	71.6	6.31	613
4	71.9	6.24	641

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-2	3	40ml VOAs	✓	✓	TPH-G/MTBE/BTEX

2411 Old Crow Canyon Road #4, San Ramon, CA 94583 • 510-820-9391 • Fax 510-837-4853

aqua science engineers inc.

WELL SAMPLING FIELD LOG

Project Name and Address: Lerer Brothers
Job #: 3389 Date of sampling: 12-20-99
Well Name: MW-3 Sampled by: TTR
Total depth of well (feet): 18.45 Well diameter (inches): 2"
Depth to water before sampling (feet): 4.18'
Thickness of floating product if any:
Depth of well casing in water (feet): 14.27
Number of gallons per well casing volume (gallons): 2.4
Number of well casing volumes to be removed: 4
Req'd volume of groundwater to be purged before sampling (gallons): 9.6
Equipment used to purge the well: dedicated bailer
Time Evacuation Began: 1520 Time Evacuation Finished: 1525
Approximate volume of groundwater purged: 9.6
Did the well go dry?: NO After how many gallons: -
Time samples were collected: 1530
Depth to water at time of sampling: 4.23
Percent recovery at time of sampling: 99 %
Samples collected with: dedicated bailer
Sample color: clear / gray Odor: slight HC odor
Description of sediment in sample: silt

CHEMICAL DATA

Volume Purged	Temp	pH	Conductivity
1	71.7	6.10	501
2	71.6	6.53	473
3	72.4	6.19	489
4	71.0	6.91	523

SAMPLES COLLECTED

Sample	# of containers	Volume & type container	Pres	Iced?	Analysis
MW-3	3	40ml Voas	✓	✓	TPH-G/MTBE/BTEX

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

Aqua Science Engineers, Inc.
208 West El Pintado Road
Danville, CA 94526

Attn.: Mr. Ian T. Reed

Project: 3389
Lerer Brothers

Site: 6340 Christie Ave.
Emeryville, CA

Dear Mr. Reed,

Attached is our report for your samples received on Tuesday December 21, 1999
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after January 20, 2000 unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: vvancil@chromalab.com

Sincerely,

Vincent Vancil

Gas/BTEX and MTBE

Aqua Science Engineers, Inc.

208 West El Pintado Road
Danville, CA 94526

Attn: Ian T. Reed

Phone: (925) 820-9391 Fax: (925) 837-4853

Project #: 3389

Project: Lerer Brothers

Site: 6340 Christie Ave.
Emeryville, CA

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	12/20/1999 16:30	1
MW-2	Water	12/20/1999 16:00	2
MW-3	Water	12/20/1999 15:30	3

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-12-0359

To: **Aqua Science Engineers, Inc.**

Attn.: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	**MW-1**	Lab Sample ID:	**1999-12-0359-001**
Project:	3389 Lerer Brothers	Received:	12/21/1999 15:14
Site:	6340 Christie Ave. Emeryville, CA	Extracted:	12/29/1999 19:20
Sampled:	12/20/1999 16:30	QC-Batch:	1999/12/29-01.01
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	2000	50	ug/L	1.00	12/29/1999 19:20	
Benzene	72	0.50	ug/L	1.00	12/29/1999 19:20	
Toluene	10	0.50	ug/L	1.00	12/29/1999 19:20	
Ethyl benzene	93	0.50	ug/L	1.00	12/29/1999 19:20	
Xylene(s)	220	0.50	ug/L	1.00	12/29/1999 19:20	
MTBE	ND	5.0	ug/L	1.00	12/29/1999 19:20	
Surrogate(s)						
Trifluorotoluene	116.5	58-124	%	1.00	12/29/1999 19:20	
4-Bromofluorobenzene-FID	133.2	50-150	%	1.00	12/29/1999 19:20	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-12-0359

To: **Aqua Science Engineers, Inc.**

Attn.: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	**MW-2**	Lab Sample ID:	**1999-12-0359-002**
Project:	3389 Lerer Brothers	Received:	12/21/1999 15:14
Site:	6340 Christie Ave. Emeryville, CA	Extracted:	12/29/1999 19:48
Sampled:	12/20/1999 16:00	QC-Batch:	1999/12/29-01.01
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	480	50	ug/L	1.00	12/29/1999 19:48	
Benzene	8.6	0.50	ug/L	1.00	12/29/1999 19:48	
Toluene	4.6	0.50	ug/L	1.00	12/29/1999 19:48	
Ethyl benzene	5.8	0.50	ug/L	1.00	12/29/1999 19:48	
Xylene(s)	29	0.50	ug/L	1.00	12/29/1999 19:48	
MTBE	ND	5.0	ug/L	1.00	12/29/1999 19:48	
Surrogate(s)						
Trifluorotoluene	95.9	58-124	%	1.00	12/29/1999 19:48	
4-Bromofluorobenzene-FID	70.0	50-150	%	1.00	12/29/1999 19:48	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-12-0359

To: **Aqua Science Engineers, Inc.**

Attn.: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	**MW-3**	Lab Sample ID:	**1999-12-0359-003**
Project:	3389 Lerer Brothers	Received:	12/21/1999 15:14
Site:	6340 Christie Ave. Emeryville, CA	Extracted:	12/30/1999 12:18
Sampled:	12/20/1999 15:30	QC-Batch:	1999/12/30-01.01
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	110	50	ug/L	1.00	12/30/1999 12:18	
Benzene	ND	0.50	ug/L	1.00	12/29/1999 20:15	
Toluene	ND	0.50	ug/L	1.00	12/29/1999 20:15	
Ethyl benzene	ND	0.50	ug/L	1.00	12/29/1999 20:15	
Xylene(s)	ND	0.50	ug/L	1.00	12/29/1999 20:15	
MTBE	ND	5.0	ug/L	1.00	12/29/1999 20:15	
Surrogate(s)						
Trifluorotoluene	62.3	58-124	%	1.00	12/29/1999 20:15	
Trifluorotoluene-FID	60.4	58-124	%	1.00	12/30/1999 12:18	

To: **Aqua Science Engineers, Inc.**

Attn.: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Method Blank | **Water** | **QC Batch # 1999/12/29-01.01**

MB: 1999/12/29-01.01-001

Date Extracted: 12/29/1999 12:36

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	12/29/1999 12:36	
Benzene	ND	0.5	ug/L	12/29/1999 12:36	
Toluene	ND	0.5	ug/L	12/29/1999 12:36	
Ethyl benzene	ND	0.5	ug/L	12/29/1999 12:36	
Xylene(s)	ND	0.5	ug/L	12/29/1999 12:36	
MTBE	ND	5.0	ug/L	12/29/1999 12:36	
Surrogate(s)					
Trifluorotoluene	86.4	58-124	%	12/29/1999 12:36	
4-Bromofluorobenzene-FID	55.4	50-150	%	12/29/1999 12:36	

To: **Aqua Science Engineers, Inc.**

Attn.: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Method Blank | **Water** | **QC Batch # 1999/12/30-01.01**

MB: 1999/12/30-01.01-001

Date Extracted: 12/30/1999 11:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	12/30/1999 11:30	
Benzene	ND	0.5	ug/L	12/30/1999 11:30	
Toluene	ND	0.5	ug/L	12/30/1999 11:30	
Ethyl benzene	ND	0.5	ug/L	12/30/1999 11:30	
Xylene(s)	ND	0.5	ug/L	12/30/1999 11:30	
MTBE	ND	5.0	ug/L	12/30/1999 11:30	
Surrogate(s)					
Trifluorotoluene	96.6	58-124	%	12/30/1999 11:30	
4-Bromofluorobenzene-FID	59.8	50-150	%	12/30/1999 11:30	

To: **Aqua Science Engineers, Inc.**

Attn: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/12/29-01.01**

LCS: 1999/12/29-01.01-002 Extracted: 12/29/1999 04:48 Analyzed: 12/29/1999 04:48

LCSD: 1999/12/29-01.01-003 Extracted: 12/29/1999 05:40 Analyzed: 12/29/1999 05:40

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	601	591	500	500	120.2	118.2	1.7	75-125	20		
Benzene	97.4	98.4	100.0	100.0	97.4	98.4	1.0	77-123	20		
Toluene	106	101	100.0	100.0	106.0	101.0	4.8	78-122	20		
Ethyl benzene	102	104	100.0	100.0	102.0	104.0	1.9	70-130	20		
Xylene(s)	296	298	300	300	98.7	99.3	0.6	75-125	20		
Surrogate(s)											
Trifluorotoluene	533	545	500	500	106.6	109.0		58-124			
4-Bromofluorobenzene-FI	396	405	500	500	79.2	81.0		50-150			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-12-0359

To: **Aqua Science Engineers, Inc.**

Attn: Ian T. Reed

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/12/30-01.01**

LCS: 1999/12/30-01.01-002 Extracted: 12/30/1999 08:39 Analyzed: 12/30/1999 08:39

LCSD: 1999/12/30-01.01-003 Extracted: 12/30/1999 09:07 Analyzed: 12/30/1999 09:07

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	608	602	500	500	121.6	120.4	1.0	75-125	20		
Benzene	94.6	93.8	100.0	100.0	94.6	93.8	0.8	77-123	20		
Toluene	98.2	96.4	100.0	100.0	98.2	96.4	1.8	78-122	20		
Ethyl benzene	101	100	100.0	100.0	101.0	100.0	1.0	70-130	20		
Xylene(s)	288	288	300	300	96.0	96.0	0.0	75-125	20		
Surrogate(s)											
Trifluorotoluene	472	486	500	500	94.4	97.2		58-124			
4-Bromofluorobenzene-FI	381	394	500	500	76.2	78.8		50-150			

99-12-0359

Aqua Science Engineers, Inc.
208 W. El Pintado Road
Danville, CA 94526
(925) 820-9391
FAX (925) 837-4853

Chain of Custody

PAGE 1 OF 1

SAMPLER (SIGNATURE) Ian Reed (PHONE NO.) (925) 820-9391

PROJECT NAME Lerer Brothers JOB NO. 3389

ADDRESS 6340 Christie Ave, Emeryville CA DATE 12-21-99

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

5-day

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-GASOLINE (EPA 5030/8015)	TPH-DIESEL (EPA 3510/8015)	PURGEABLE HALOCARBONS (EPA 601/8010)	PURGEABLE AROMATICS (EPA 602/8020)	VOLATILE ORGANICS (EPA 624/8240)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	OIL & GREASE (EPA 5520)	LUFT METALS (5) (EPA 6010+7000)	CAM 17 METALS (EPA 6010+7000)	PCBs & PESTICIDES (EPA 608/8080)	ORGANOPHOSPHORUS PESTICIDES (EPA 8140) (EPA 608/8080)	ORGANOCHLORINE HERBICIDES (EPA 8150)	FUEL OXYGENATES (EPA 8260)				COMPOSITE
MW-1	12-20-99	1630	water	3	X																	
MW-2	12-20-99	1600	water	3	X																	
MW-3	12-20-99	1530	water	3	X																	

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
Ian Reed 0830 (signature) (time)	(signature) (time) 1512	(signature) (time) 1514	Denise Harrington (signature) (time)	5-day
Ian T Reed 12-21-99 (printed name) (date)	(printed name) (date) 12-21-99	(printed name) (date) 12-21-99	D. Harrington 1514 (printed name) (date)	
Company- ASE	Company-	Company- Chromalab	Company- Chromalab 12/21/99	