

June 6, 1990
BEI Job No. 89070 90 MAY -7 AM 10:46

Mr. Dennis Byrne
Alameda County Health Care Services Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Subject: Quarterly Groundwater Sampling
Peterson Properties
1301 - 65th Street
Emeryville, California

Dear Mr. Byrne:

This letter and its enclosures constitute the second quarterly groundwater sampling report for the second year at the subject facility.

The existing monitoring well (MW-1) was sampled on May 10, 1990. The well was purged prior to sampling by removal of three well casing volumes of water. A representative sample was collected with a clean, teflon bailer and placed in two 40-milliliter volatile organics vials provided by the laboratory. The sample containers were labelled, packed on ice and delivered to Trace Analysis Laboratory, a California-certified laboratory. The sample was analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline using the California Department of Health Services Method and benzene, toluene, xylenes and ethylbenzene using EPA Method 8020. The sample was also analyzed for total lead using EPA Method 7420 to characterize the purged water for proper disposal. An equipment blank was collected after initial decontamination of the bailer, but it was not analyzed by the laboratory.

TPH as gasoline and benzene were detected in the water sample at concentrations of 290 ug/l (parts per billion) and 200 ug/l, respectively. Toluene, xylenes, ethylbenzene and lead were not detected in the water sample. A copy of the analytical report is attached.

Cordially,

BLYMYER ENGINEERS, INC.

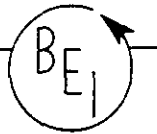
Michael S. Lewis
Environmental Specialist

Mr. Dennis Byrne
Alameda County Health Care Services Agency
June 6, 1990
Page Two

Enclosures:

Groundwater Monitoring Data form dated 5/10/90
Purge Data form dated 5/10/90
Chain of Custody Record
Laboratory Analytical Report dated 5/30/90
Site Plan

cc: Mr. Lester Feldman, San Francisco Bay
Regional Water Quality Control Board
Mr. Ed Peterson
Mr. Robert Coussan
Mr. Charles Gensler
Mr. Lawrence C. Jones, Jr.
Rick Griffith, Esq.



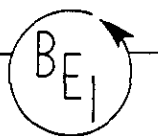
GROUNDWATER MONITORING DATA

Project Name Peterson - Emeryville, CA Project No. 89070
 Date 5-10-90 Field Technician ML/RO Sheet 1 of 1
 Weather Cloudy Temperature 65 Wind Moderate

WELL ID	TOC ELEV.	DTW	DTP	PT	PT x .8	ADJ. DTW	WATER ELEV.
<u>MW-1</u>	<u>-</u>	<u>3.90'</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
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TOC = TOP-OF-CASING
 DTW = DEPTH TO WATER
 DTP = DEPTH TO PRODUCT
 PT = PRODUCT THICKNESS

COMMENTS:
Water is slightly silty; slight petroleum odor.

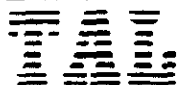


PURGE DATA

Project Name Peterson - Emeryville, CA Project No. 89070

Date 5-10-90 Field Technician ML/RO Sheet 1 of 1

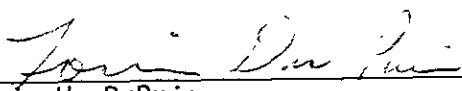
<u>WELL ID</u>	<u>WELL VOLUME NO.</u>	<u>pH</u>	<u>TEMPERATURE (F)</u>	<u>CONDUCTIVITY (uS/cm)</u>
<u>MW-1</u>	<u>Initial</u>	<u>6.37</u>	<u>67.4</u>	<u>1083</u>
	<u>1</u>	<u>6.50</u>	<u>64.6</u>	<u>1423</u>
	<u>2</u>	<u>6.36</u>	<u>64.4</u>	<u>1616</u>
	<u>3</u>	<u>6.45</u>	<u>63.1</u>	<u>1524</u>



LOG NO.: 8661
 DATE SAMPLED: 5/10/90
 DATE RECEIVED: 5/11/90
 DATE EXTRACTED: 5/24/90
 DATE ANALYZED: 5/23/90 and 5/28/90
 DATE REPORTED: 5/30/90

CUSTOMER: Blymyer Engineers, Inc.
 REQUESTER: Mike Lewis
 PROJECT: No. 89070, Peterson-Emeryville, CA

<u>Method and Constituent</u>	<u>Units</u>	<u>Sample Type: Water</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>
MW-1			
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/l	290	20
Modified EPA Method 8020:			
Benzene	ug/l	200	5
Toluene	ug/l	< 3	3
Xylenes	ug/l	< 10	10
Ethylbenzene	ug/l	< 5	5
EPA Method 7420:			
Lead	ug/l	< 100	100


 Louis W. DuPuis
 Quality Assurance/Quality Control Manager

BEI Field Services

1829 Clement Avenue
Alameda, CA 94501

CHAIN OF CUSTODY RECORD

PROJ NO. 89070		PROJECT NAME Peterson - Emeryville, CA				NO OF CON-TAINERS	TPH as gasoline + BTXE	TPH as diesel	Oil & Grease (SM503E)	VOC (EPA 624/8240)	Semi-VOC (EPA 625/8270)	HOLD	Total Lead	REMARKS
SAMPLERS (Signature) <i>Michael S. L.</i>														
DATE	TIME	COMP.	GRAB	SAMPLE LOCATION										
5-10-90	11:05A		X	Bailer Blank	2 VOAs 1-300ul						X		Standard	
5-10-90	11:35A		X	MW-1	2 VOAs 1-300ul	X						X	10 day TTT	
Relinquished by: (Signature) <i>Michael S. L.</i>		Date/Time 5/10/90 5:20 Am		Received by: (Signature)			Relinquished by: (Signature)		Date/Time		Received by: (Signature)			
Relinquished by: (Signature)		Date/Time		Received by: (Signature)			Relinquished by: (Signature)		Date/Time		Received by: (Signature)			
Relinquished by: (Signature)		Date/Time 5/10/90 5:20 Am		Received for Laboratory by: (Signature) <i>Tom Baker</i>			Date/Time		Remarks Bill to Blymyer Engineers Inc.					

65TH STREET

HOLLIS STREET

UTILITY POLE
(TYP. 2 LOCATIONS)

TANK
EXCAVATION

MW-1
⊗

BUILDING
1301 65TH STREET

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BLYMYER & SONS ENGINEERS, INC. 1829 CLEMENT STREET • ALAMEDA, CA 94501		
SCALE 1" = 30'-0"	FOR HENRY HORN & SONS	
DRAWN B.S.		
DATE 6-16-88	TITLE PLOT PLAN	
CHECKED		
APPROVED		
JOB NO. 8897.1	DRAWING NO.	REV