



April 30, 1990

Alameda County Health Care Services  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA. 94607

Attention: Dennis Byrne

Re: Monitoring well located at 6050 Hollis Street

Dear Mr. Byrne,

Enclosed is the documentation for the well at the above mentioned site as completed by Baseline Environmental Consulting firm.

If you have any questions regarding these wells, please feel free to call our office at 653-6871.

Sincerely,

A handwritten signature in cursive script that reads "Debra Baker".

Debra S. Baker  
Secretary

Enclosures

# BASELINE

## ENVIRONMENTAL CONSULTING

23 April 1990  
S9-105

Mr. Francis Collins  
Hollis Street Project  
6050 Hollis Street  
Emeryville, CA 94608

**Subject: Quarterly Monitoring Well Sampling, 6050 Hollis Street, Emeryville, California**

Dear Mr. Collins:

In accordance with the recommendations in our report, dated 8 March 1989, we have collected one groundwater sample from a monitoring well (MW-H1) at 6050 Hollis Street in Emeryville as part of a quarterly monitoring program. The well was installed in February 1989 in response to an identified unauthorized release from an underground fuel storage tank previously located at the site.

The well was sampled on 26 March 1990 in accordance with procedures described in our 8 March 1989 report. The recent sampling is the fifth sampling event at the site. The collected sample was analyzed for total petroleum hydrocarbons as diesel, gasoline, and kerosene, and benzene, toluene, xylenes, and ethylbenzene (BTXE). The laboratory report is attached. Table 1 summarizes the analytical results obtained during the five sampling events. No compound above detection limits was identified during the 8 February and 1 May 1989 sampling events. The last three sampling events have identified compounds above detection limits. During the 26 March 1990 sampling event, gasoline was identified at 0.7 mg/L, benzene at 0.093 mg/L, toluene at 0.001 mg/L, and ethylbenzene at 0.0017 mg/L.

Water generated during well sampling is stored on the site in a 55-gallon drum. The water would require off-site disposal at a permitted facility. The stored water may be stored on-site since subsequent sampling events will generate additional water; the water should be disposed of after the drum has been filled.

On the basis of the analytical results obtained to date, it is recommended that quarterly monitoring be continued. The next sampling event should occur in June 1990. Should you have any questions regarding this letter, please do not hesitate to contact us at your convenience. It should be noted that the information documented in this letter should be transmitted to the Regional Water Quality Control Board, San Francisco Bay Region and Alameda County, Department of Environmental Health.

Sincerely,



Yane Nordhav  
Principal  
Reg. Geologist #4009

YN/cr:S90b  
Attachment

**ATTACHMENT**

**SAMPLING FORM AND LABORATORY REPORT  
26 March 1990**

TABLE 1  
 SUMMARY OF ANALYTICAL RESULTS  
 6050 Hollis Street, Emeryville, California

(in mg/L)

Location	Date	Gasoline	Diesel	Kerosene	Benzene	Toluene	Ethyl- benzene	Xylenes
MW-H1	02/08/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001
MW-H1	05/01/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001
MW-H1	09/13/89	1.3	<0.5	<0.5	0.061	<0.0005	0.005	0.002
MW-H1	12/4/89	0.410/0.370	<0.5/<0.5	<0.5/<0.5	0.0072/0.011	0.0032/0.0024	0.0028/0.0014	0.0032/0.0013
MW-H1	03/26/90	0.7	<0.5	<0.5	0.093	0.001	0.0017	<0.001

Notes: xx/xx = Duplicate sample.

Laboratory report is attached for the most recent sampling.

**BASELINE**

5900 Hollis Street, Suite D  
Emeryville, CA 94608  
(415) 420-8686

**GROUNDWATER SAMPLING**

Project #: S9-105

Well No.: MW-H1

Project: Banta Collins

Well Depth from TOC: 20.0 feet

Well Diameter: 2 inches

Date: 3/26/90

Water Level from TOC: 6.42 feet

Time: 11:52

Screened: 6-20 feet

Recorded by: WKS

Elevation: \_\_\_\_\_

**WEATHER:**

Wind: Slight breeze

Precip in last 5 days: None

**VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING:**

$( \underline{20.0} - \underline{6.42} ) \times ( \underline{0.083} )^2 \times 3.14 \times 7.48 =$   
(Well depth - Water level) (Well radius)

2.2 gallons in one well volume. 11.0 gallons in five well volumes. 11.0 gallons removed.

APPEARANCE OF SAMPLE: Clear

**SAMPLING EQUIPMENT:** \_\_\_\_\_

Bailer: X Type: Disposable GPM: \_\_\_\_\_

Submersible: \_\_\_\_\_ Type: \_\_\_\_\_ GPM: \_\_\_\_\_

Dedicated: \_\_\_\_\_ Type: \_\_\_\_\_ GPM: \_\_\_\_\_

DECONTAMINATION METHOD: Used clean PVC hose, laboratory prepared bottles

SAMPLE ANALYSES: Gasoline, diesel, kerosene, and BTXE

LABORATORY: ChromaLab

# CHROMALAB, INC.

Analytical Laboratory  
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#238)
- Drinking Water (#955)
- Waste Water
- Consultation

April 10, 1990

ChromaLab File No.: 0390131

BASELINE ENGINEERS, INC.

Attn: Irene Kan

RE: One water sample for Gasoline/BTEX and TEPH analyses

Project Name: BONTA COLLINS

Project Number: S9-105

Duration of Analysis: March 28-April 1, 1990

RESULTS:

Sample No.	Gasoline (mg/L)	Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)	Kerosene (mg/L)
MW-H1	0.7	N.D.	93	1.0	1.7	N.D.	N.D.
BLANK SPIKE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
RECOVERY	102.5%	100.7%	92.8%	98.3%	99.6%	95.2%	97.6%
DETECTION LIMIT	0.5	0.5	1.0	1.0	1.0	1.0	0.5
METHOD OF ANALYSIS	MOD. 8015	3510/8015	601	601	601	601	3510/8015

\*No Motor Oil detected in this sample

CHROMALAB, INC.

  
 David Duong  
 Senior Chemist

  
 Eric Tam  
 Laboratory Director



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