



October 12, 1987

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

Attention: Dennis Byrne

Re: Monitoring well at 6050 Hollis Street and
2452 Magnolia Street

Dear Mr. Byrne,

Enclosed is the documentation for the wells at the above mentioned sites 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,

Debra S. Baker
Secretary

Enclosures

BASELINE

ENVIRONMENTAL CONSULTING

10 October 1989
S9-105

Mr. Francis Collins
HOLLIS STREET PROJECT
6050 Hollis Street
Emeryville, CA 94608

CO

Subject: Third Quarterly Monitoring Well Sampling, 6050 Hollis Street, Emeryville

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. The well was installed in February 1989 in response to identified unauthorized release from an underground fuel storage tank, previously located at the site.

The well was sampled in accordance with procedures described in our 8 March 1989 report, and the collected sample 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 three sampling events. No compounds above detection limit were identified during the previous two sampling events. During this sampling event, gasoline was identified at 1.3 mg/L, benzene at 0.061 mg/L, ethylbenzene at 0.005 mg/L, and total xylenes at 0.002 mg/L.

Water stored on the site in a 55-gallon drum from well-purging should be disposed of off-site at an appropriate facility.

Should you have any questions regarding this letter, please do not hesitate to contact us at your convenience. An additional sampling event should occur in December 1989. 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 (attention Mr. Dennis Byrne).

Sincerely,



Yane Nordhav
Principal
Reg. Geologist No. 4009

YN/cr/S23
Attachment

ATTACHMENT
SAMPLING FORM AND LABORATORY REPORT
13 September 1989

Note: Two samples are reported; only MW-H1 pertains to this site.

BASELINE

TABLE 1

SUMMARY OF ANALYTICAL RESULTS
6050 Hollis Street, Emeryville, California
(in mg/L)

Location	<i>dl</i> Date	<i>0.05</i> Gasoline	<i>0.05</i> Diesel	<i>0.05</i> Kerosene	<i>.0005</i> Benzene	Toluene	Ethyl- benzene	Xylenes	<i>PTW</i>
MW-M1	2/08/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<i>5.7%</i>
MW-M1	5/01/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	
MW-M1 ¹	9/13/89	<i>1.3</i>	<0.5	<0.5	<i>0.061</i>	<0.0005	<i>0.005</i>	<i>0.002</i>	<i>5.8%</i>

¹ Laboratory report is attached.

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

Project: Banta Collins

Project No: S9-105

GROUNDWATER SAMPLING

WELL No: MW-H1

WEATHER

DATE: 9/13/89

Wind: None

TIME: 10:38

Precip in last 5 days None

RECORDED BY: WKS

ELEVATION OF WELL:

DEPTH OF WELL: 20 ft.

SCREENED: 6-20 ft.

WATER LEVEL: 5.805 ft

WELL DIAMETER: 2 inches

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING:

$$\left(\frac{20}{\text{Depth of well}} - \frac{5.805}{\text{water level}} \right) \times \left(\frac{0.0833}{\text{well radius}} \right)^2 \times 3.14 \times 7.48 =$$

2.4 gallons in one well volume. 12.0 gallons in five well volumes.

APPEARANCE OF SAMPLE: Clear to slightly murky; slight petroleum odor

SAMPLING EQUIPMENT:

Bailer: X Type: Disposable
Submersible: _____ Type: _____ GPM: _____
Dedicated: _____ Type: _____ GPM: _____

DECONTAMINATION METHOD: Power pump with clean PVC hose

SAMPLE ANALYSES: TVH, TEH, and BTXE

LABORATORY: Curtis & Tompkins

<u>Time</u>	<u>PH</u>	<u>EC</u>	<u>T° C</u>
11:24	6.61	1500	28.0



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 09/13/89

DATE REPORTED: 09/26/89

PAGE 1 OF 3

LAB NUMBER: 18264

CLIENT: BASELINE

REPORT ON: 2 WATER SAMPLES

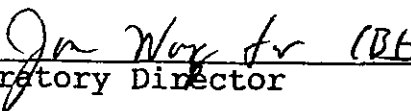
JOB #: S9-105

LOCATION: BANTA COLLINS

RESULTS: SEE ATTACHED



QA/QC Officer



Laboratory Director

LABORATORY NUMBER: 18264
 CLIENT: BASELINE
 PROJECT #: S9-105
 LOCATION: BANTA COLLINS

DATE RECEIVED: 09/13/89
 DATE ANALYZED: 09/23/89
 DATE REPORTED: 09/26/89
 PAGE 2 OF 3

Extractable Petroleum Hydrocarbons in Aqueous Solutions
 EPA 8015 (Modified)
 Extraction Method: EPA 3510

LAB ID	CLIENT ID	KEROSENE (mg/L)	DIESEL (mg/L)	OTHER (mg/L)
18264-1	MW-H1	ND(0.5)	ND(0.5)	ND(0.5)
18264-2	MW-M1	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not Detected; Limit of detection in parentheses.

QA/QC SUMMARY

RPD, %	8
Spike: % Recovery	92

LABORATORY NUMBER: 18264
 CLIENT: BASELINE
 JOB NUMBER: S9-105
 JOB LOCATION: BANTA COLLINS

DATE RECEIVED: 09/13/89
 DATE ANALYZED: 09/26/89
 DATE REPORTED: 09/26/89
 PAGE 3 OF 3

Total Volatile Hydrocarbons (TVH) by EPA 8015
 Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 602/8020
 Extraction by EPA 5030 Purge and Trap

LAB ID	CLIENT ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
18264-1	MW-H1	1,300	61	ND(0.5)	5	2
18264-2	MW-M1	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = None Detected; Limit of detection is indicated in parentheses.

QA/QC SUMMARY

%RPD	<1
%RECOVERY	84

187-4

BASELINE

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

CHAIN OF CUSTODY RECORD

Turn-Around Time Normal

Lab C&T

Contact Person _____

Project No.		Project Name and Location						Analysis										Remarks	Detection Limits
S9-105		Banta Collins						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TVH as Gasoline</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX as E</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TEH as Diesel</div> </div>											
Samplers: (Signature)																			
<i>William E. Scott</i>																			
No. Station	Date	Time	Media	Depth	Compo-sites	No. of Containers	Station Location												
MW-H1	9-13-89	11:50	Water			5		X	X	X									
MW-M1	9-13-89	14:20	Water			5		X	X	X									

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Condition of Samples upon Arrival at Laboratory: <i>Cold</i>
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	
<i>William E. Scott</i>	9-13-89 3:55	<i>[Signature]</i>	9-13 3:55	Remarks: