HOLLIS St.
PROJECT
HSP

January 19, 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 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.

I would like to know how to proceed with the closing of the monitoring well located at 2452 Magnolia Street. If you could send me any information or paperwork necessary, it would be appreciated.

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

Sincerely,

Debra Baker

Debra S. Baker
Secretary

Enclosures

6050 Hollis St., Emeryville, CA 94608 • *telephone:* (415) 653-6871 or 652-0304
mailing address: P.O. Box 8685, Emeryville, CA 94662-0685

BASELINE

ENVIRONMENTAL CONSULTING

16 January 1990
S9-105

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

Subject: Fourth 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 on 4 December 1989 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 summarized the analytical results obtained during the four sampling events. No compound above detection limits were identified during the 8 February and 1 May 1989 sampling events. During the 13 September 1989 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. During this sampling event, gasoline was identified at 0.41 mg/L (duplicate 0.037), benzene at 0.0072 mg/L (duplicate 0.011), toluene at 0.0032 mg/L (duplicate 0.0024), ethylbenzene at 0.0028 mg/L (duplicate 0.0014), and total xylenes at 0.0032 mg/L (duplicate 0.0013).

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

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 March 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 (Mr. Dennis Byrne).

Sincerely,

Yane Nordhav
Principal
Reg. Geologist No. 4009

YN/my:S90a

Attachment

5900 Hollis Street, Suite D • Emeryville, CA 94608 • (415) 420-8686 • FAX (415) 420-1707

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	2/08/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001
MW-H1	5/01/89	<0.05	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001
MW-H1	9/13/89	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

Notes: xx/xx = Duplicate sample.
Laboratory report is attached.

ATTACHMENT

SAMPLING FORM AND LABORATORY REPORT

4 December 1989

Note: Three samples are reported; only MW-H1 and MW-H1D pertains to this site.

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

Project: Banta Collins
6050 Hollis Street

Project No: S9-105

GROUNDWATER SAMPLING

WELL No: MW-H1

WEATHER

DATE: 12/04/89

Wind: None

TIME: 14:52

Precip in last 5 days Trace

RECORDED BY: WKS

ELEVATION OF WELL:
DEPTH OF WELL: 20 ft.
WATER LEVEL: 5.34+ ft.

SCREENED: 6-20 ft.
WELL DIAMETER: 2-inch

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING:

(20 - 5.34) X (0.083)^2 X 3.14 X 7.48 =
(Depth of well water level) (well radius)

2.4 gallons in one well volume. 12 gallons in five well volumes. 15 gallons removed.

APPEARANCE OF SAMPLE: Clear

SAMPLING EQUIPMENT:

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

DECONTAMINATION METHOD: None

SAMPLE ANALYSES: TVH, TEH, and BTXE

LABORATORY: Curtis & Tompkins

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 12/05/89
DATE REPORTED: 12/18/89

LAB NUMBER: 18859

CLIENT: BASELINE

REPORT ON: 3 WATER SAMPLES

PROJECT #: S9-105

RESULTS: SEE ATTACHED

M. E. Printiss
QA/QC Officer

Laboratory Director

LABORATORY NUMBER: 18859
CLIENT: BASELINE
PROJECT #: S9-105

DATE RECEIVED: 12/05/89
DATE ANALYZED: 12/14/89
DATE REPORTED: 12/18/89

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)
18859-1	MW-H1	ND(0.5)	ND(0.5)	ND(0.5)
18859-2	MW-M1	ND(0.5)	ND(0.5)	ND(0.5)
18859-3	MW-H1D	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not Detected; Limit of detection in parentheses.

QA/QC SUMMARY

RPD, %	5
Spike: % Recovery	84

Curtis & Tompkins, Ltd

LABORATORY NUMBER: 18859
CLIENT: BASELINE
JOB NUMBER: S9-105

DATE RECEIVED: 12/05/89
DATE ANALYZED: 12/15/89
DATE REPORTED: 12/18/89

Total Volatile Hydrocarbons (TVH) by EPA 8015
Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 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)
18859-1	MW-H1	410	7.2	3.2	2.8	3.2
18859-2	MW-M1	ND(50)	ND(1)	ND(1)	ND(1)	ND(1)
18859-3	MW-H1D	370	11	2.4	1.4	1.3

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

QA/QC SUMMARY

%RPD	<1
%RECOVERY	98