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15 February 1994

ALCO
HAZMAT

94 FEB 16 AM 11:51



Ms. Eva Chu
Alameda County Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Subject: Requested Information for Underground Tank Closure
1351 Ocean Avenue
Emeryville, California

Dear Ms. Chu:

This letter is in response to your telephone call of 10 February 1994 to me regarding the subject site. It is my understanding that you require some additional information in order to recommend that the former underground tank case for this site be closed.

I have attached our field notes for the days that we sampled groundwater from Monitoring Well 1. Also summarized below are the recorded water levels for those days.

17 November 1988	7.42 feet
11 December 1988	4.97 feet
5 April 1989	3.84 feet
31 July 1989	5.24 feet
29 March 1990	4.61 feet
11 September 1990	5.33 feet

We are pleased that you are reviewing this case for site closure. Please call me if you have any other questions.

Sincerely,

GEOMATRIX CONSULTANTS, INC.

A handwritten signature in cursive script, appearing to read "Elizabeth R. Jimison".

Elizabeth R. Jimison, R.E.A.
Senior Scientist

ERJ/bab
MSC\GETZ-CLS.LTR

Attachment

cc: Mr. Andrew Getz

Geomatrix Consultants, Inc.
Engineers, Geologists, and Environmental Scientists


GEOMATRIX CONSULTANTS

 ONE MARKET PLAZA
 SPEAR STREET TOWER SUITE 717
 SAN FRANCISCO, CALIFORNIA 94105
 (415) 957-9557

MONITORING WELL SAMPLING RECORD

 WELL ID: 1A DEPTH TO WATER: 7.42
 PROJECT NO: 1382A TOTAL DEPTH OF WELL: 19'
 PROJECT NAME: GETB WELL DIAMETER: 2"
 DATE: 11/17/88 CASING VOLUME: ≈ 1 gal
 SAMPLED BY: JAP METHOD OF PURGING: Post disp pump

TIME	CUMULATIVE VOL. REMOVED (GALLONS)	TEMPERATURE (°C)	pH (UNITS)	SPECIFIC CONDUCTANCE (UMHOS/CM)	REMARKS (COLOR, TURBIDITY & SEDIMENT)
1045	2	19.9	6.82	920	light brown cloudy no sed.
1112	4	19.4	6.88	900	same
1138	6	19.3	7.05	880	slightly cloudy w/ sed.
1200	8	19.3	7.01	870	clearing
1320	10	19.3	7.00	870	light brown slightly cloudy
1500	sample	19.6	7.00	820	v. light brown slightly cloudy

 NOTES: Beckman p10 ph meter SN 0211056
 Alpha RC-16C cond. bridge
 Intake at 6' off bottom of well.

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MONITORING WELL SAMPLING RECORD

WELL ID: 1A DEPTH TO WATER: 4.97
 PROJECT NO: 1382B TOTAL DEPTH OF WELL: 14'
 PROJECT NAME: Gate WELL DIAMETER: 2"
 DATE: 12-11-88 CASING VOLUME: 1.5 gal
 SAMPLED BY: JAY METHOD OF PURGING: post dig pump

TIME	CUMULATIVE VOL. REMOVED (GALLONS)	TEMPERATURE (°C)	pH (UNITS)	SPECIFIC CONDUCTANCE (UMHOS/CM)	REMARKS (COLOR, TURBIDITY & SEDIMENT)
1642	2	17.4	7.08	1074	light grey brown slightly cloudy
1709	4	18.0	7.00	1055	light grey tint slightly cloudy
1715	6	17.9	7.05	1002	some
1722	7	18.0	7.10	992	some
1730	8	18.0	7.08	986	light grey tint slightly cloudy
1750	sample	17.3	7.18	981	light grey tint no sed

Label 1A, 1B

NOTES: Cole Parmer 1481-60 conductivity
Beckman 410 pH meter 51021056
Intake at 1' above BOW (bottom of well)

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MONITORING WELL SAMPLING RECORD

WELL ID: <u>1A</u>	DEPTH TO WATER: <u>3.84</u>
PROJECT NO: <u>WQ-86</u>	TOTAL DEPTH OF WELL: <u>≈ 15'</u>
PROJECT NAME: <u>Getz</u>	WELL DIAMETER: <u>2"</u>
DATE: <u>4/5/89</u>	CASING VOLUME: <u>1-2 gal</u>
SAMPLED BY: <u>JAF</u>	METHOD OF PURGING: <u>post-dyno pump</u>

TIME	CUMULATIVE VOL. REMOVED (GALLONS)	TEMPERATURE (°C)	pH (UNITS)	SPECIFIC CONDUCTANCE (UMHOS/CM)	REMARKS (COLOR, TURBIDITY & SEDIMENT)
1230	2	19.8	6.31	890	slight brown tint <i>slightly cloudy</i>
1238	3	18.4	6.47	900	same
1245	5	18.4	6.50	940	light grey tint.
1250	6.5	18.0	6.70	940	same
1253	7.5	18.4	6.71	930	light grey/brown tint
1255	8.5	18.4	6.73	940	same
1300	sample	18.5	6.59	965	clear

*Sample 2-18 bottles
 for TPH-Diesel to Anametric
 on 4/6/89*

NOTES: Water Quality Sed #1 (YSI, Orion SAZ50)

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MONITORING WELL SAMPLING RECORD

WELL ID: W-1 DEPTH TO WATER: 5.24'
 PROJECT NO: 1382 B TOTAL DEPTH OF WELL: 13.25'
 PROJECT NAME: Getz Environmental WELL DIAMETER: 2"
 DATE: 7-31-89 CASING VOLUME: 21.79 gal.
 SAMPLED BY: J. Sibole METHOD OF PURGING: Pos. Displacement pump

TIME	CUMULATIVE VOL REMOVED (GALLONS)	TEMPERATURE (°C)	pH (UNITS)	SPECIFIC CONDUCTANCE (UMHOS/CM)	REMARKS (COLOR, TURBIDITY & SEDIMENT)
1450	5	22.9	5.88	839	coffee brown w sediment - muddy
1510	10	21.2	6.81	866	Taupe brown w/ sediment muddy
1530	15	21.0	6.85	886	"
1543	20	22.5	6.76	905	cloudy grey with sediment
1552	25	23.5	6.80	896	"
1603	30	21.5	6.96	873	cloudy grey w/ very little sediment
1620	35	21.4	6.95	834	"
1640	40	20.3	6.89	902	"
1645	Sample	21.4	6.78	885	"

NOTES: S.H. @ 1400 @ 31.6 °C buffers 4 & 7 Beckman 10
pH meter Serial # 0211056, I-0005-
F.c. calib. @ 1400 @ Cole-Palmer conductivity meter
1481-60 serial # 8861021 G-0027 SH @ 10.01 N/KCl, 1409A
 cell k = 1103



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MONITORING WELL SAMPLING RECORD

WELL ID: MW 1 DEPTH TO WATER: 4.61'
 PROJECT NO: 1382B TOTAL DEPTH OF WELL: 13'
 PROJECT NAME: Getz WELL DIAMETER: 2"
 DATE: 3/29/90 CASING VOLUME: $8.39' \times 0.117 = 1.43 \times 4 = 5.71$
 SAMPLED BY: JH/H METHOD OF PURGING: Bailing

TIME	CUMULATIVE VOL. REMOVED (GALLONS)	TEMPERATURE (°C)	pH (UNITS)	SPECIFIC CONDUCTANCE (UMHOS/CM)	REMARKS (COLOR, TURBIDITY & SEDIMENT)
1337	2.0	17.1 17.9	6.36	810	Slightly Brown, Turbid, None
1342	3.0	17.2	6.51	780	" " " "
1347	4.0	16.8	6.57	780	Light Brown, Turbid, Some
1350	5.0	15.5	6.58	800	" " " some sediment
1357	6.0	15.1	6.61	880	" Brown some turbidity, some sediment
Sample					
1403		17.0	6.55	890	Light Brown, Turbid, some sediment

NOTES: Model 451 Model 33 conductivity meter.
ORION SA210 pH meter.



Geomatrix Consultants

One Market Plaza
Spear Street Tower, Suite 717
San Francisco, California 94105
(415) 957-9557

MONITORING WELL SAMPLING RECORD

Well ID: MW-1
Project No: 138213
Project Name: GEI2 Environmental
Date: 9/11/90
Sampled By: JH

Depth to Water: 5.33'
Total Depth of Well: 11.5'
Well Diameter: 2"
Casing Volume: 6.17 x 17 = 1.05 x 4 = 4.2 gal
Method of Purging: (Bailer S.S)

TIME	CUMULATIVE VOL. REMOVED (gallons)	TEMP. (°C)	pH (units)	SPECIFIC CONDUCTANCE (umhos/cm)	REMARKS (color, turbidity & sediment)
950	1	20.5	6.51	640	light gray, NO, NO
953	2	22.5	6.55	890	" NO, NO
957	3	20.0	6.53	905	light brown " "
1000	4.5	20.5	6.53	905	light brown NO, NO
1005	Sample	20.5	6.42	910	very light brown NO, NO

NOTES: Pitometer Oregon SA260; Conductivity meter YSI model 33