



September 13, 1993

Mr. Brian P. Oliva  
Hazardous Materials Division  
Alameda County Health Agency  
80 Swan Way, Suite 200  
Oakland, CA 94621

RECEIVED

2:20 pm, Sep 19, 2008

Alameda County  
Environmental Health

MICHAEL J. WALLIS  
DIRECTOR OF WASTEWATER

Dear Mr. Oliva:

Re: Groundwater Monitoring Test Results for the Water Pollution  
Control Plant Power Generation Station, 2020 Wake Avenue,  
Oakland, CA 94608

Enclosed are the monitoring well test results for the above  
referenced facility.

These results are for the second quarter 1993. Samples were  
analyzed for Total Petroleum Hydrocarbons and BTEX. All results  
are below detection limits.

Test results are for one monitoring well at the site, PGS01. The  
three wells were originally used as groundwater monitoring wells  
for tank integrity for the two single walled tanks in this area.  
As you are aware, the slop oil was removed in November 1992, and  
the 15,000 gallon diesel tank was removed in March 1993. Both  
tanks were replaced with double walled fiberglass tanks, and the  
diesel tank was a 25,000 gallon tank. During removal and  
installation activities two of the three groundwater monitoring  
wells were destroyed.

To date, no detectable levels of TPH as diesel, TPH as gasoline  
or BTEX have been found in any of the samples at the three  
monitoring wells. All wells have been sampled on a quarterly  
basis since January 1988. One last round of sampling will be  
done during the third quarter 1993.

If you have any questions regarding this report, please call me  
at 287-1627.

Sincerely,

CYNTHIA ADKISSON  
Wastewater Control Representative

CCA:cca

Enclosures

P.O. BOX 24055 . OAKLAND . CA 94623-1055 . (510) 287-1405

BOARD OF DIRECTORS KATHERINE MCKENNEY . STUART FLASHMAN . ANDREW COHEN

JOHN A. COLEMAN . JOHN M. GIOIA . NANCY J. NADEL . KENNETH H. SIMMONS

Account No.: -  
Lab Number : 93 06 30 161  
Sample Type: Grab

Station Name: PGS01  
Side Sewer :

DIESEL	<	200.000	ug/L
GASOLINE	<	100.000	ug/L
BENZENE	<	.200	ug/L
CHLORO BENZENE	<	.200	ug/L
1,2-DICHLORO BENZENE	<	.200	ug/L
1,3-DICHLORO BENZENE	<	.200	ug/L
1,4-DICHLORO BENZENE	<	.200	ug/L
ETHYL BENZENE	<	.200	ug/L
TOLUENE	<	.200	ug/L
XYLENES	<	.200	ug/L

**MONITORING WELL DATA SHEET**

Project/Location: **COGENERATION STATION SD-1**

Date: 6/30 Well I.D.: **PGS-01** Samplers: RPR

Depth of Well (A): **21.66<sup>ft</sup>**

Depth to Water (B): 14.5

Depth of Standing Water (A-B): 7.16

Well Diameter (d): **0.33<sup>ft</sup>**

Calculation:  $x = \pi (d/2)^2 (A - B)(7.485\text{gal}/\text{ft}^3)$

Calculated Well Volume (x):  $(.6398663) \times (A-B)$  4.58 GALS

Purging Volume = (3x): 13.7 GALS

TIME	pH	TEMP	VOLUME PURGED
<u>1120</u>	<u>7.1</u>	<u>23°</u>	<u>4</u>
<u>1128</u>	<u>7.4</u>	<u>21°</u>	<u>7 GALS (WELL DRY)</u>
<u>1140</u>	<u>7.4</u>	<u>21°</u>	<u>9 GALS ↓</u>
<u>1145</u>			<u>SAMPLE DRAWN</u>

Delivered to Lab at (time) 1340 on (date): 6/30 by: RPR

Accepted at Lab by: J. Li

Sample Number: 930630161

Analyses required (refer to Organics Data Sheet):

**SOURCE CONTROL SAMPLING & CHAIN-OF CUSTODY REPORT**

Account Name: COGENERATION STATION SD-1  
 Account No. : Activity 2025  
 Code: WTD  
 Ins: RPL  
 Rep: MKO

DATE 6/30/93  
 DAY(S) W T F S S

**AUTO-SAMPLER INFORMATION**

SS#	Date	Time	Bott	w/sample	used	Sampler Settings (if unusual)

**CHAIN OF CUSTODY INFORMATION**

Collected by

Lab Number	Sta. ID	SS#	Analyses Requested	Samp Type	Samp Mtrx	# of Bott	Initial Date Time
930630161	PGS01	N/A	+8015 and +602 +624	G	AQ	4	RPL 6/30/93 1145
Comments: PLEASE RUN +8015 FOR TOTAL PETROLEUM HYDROCARBONS AND +602 FOR AROMATICS							
N/S	PGS02	N/A	+8015 and +602	G	AQ	4	RPL
Comments: PLEASE RUN +8015 FOR TOTAL PETROLEUM HYDROCARBONS AND +602 FOR AROMATICS							
N/S	PGS03	N/A	+8015 and +602	G	AQ	4	RPL
Comments: PLEASE RUN +8015 FOR TOTAL PETROLEUM HYDROCARBONS AND +602 FOR AROMATICS							
Comments:							
Comments:							

Relinquished by RPL date/time 6/30/93 1340 Accepted by J. J. Li Date/Time 6/30/93 1342

Sample Type Codes: G-Grab of any type, C-Composite  
 Sample Matrix Codes: Aqueous, Sludge, Ground Water, Soil, Petroleum, Other