

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT 9-11-2000

2099

September 7, 2000
StID # 67

Mr. John Robinson
PG&E Co.
4930 Coliseum Way
Oakland CA 94601

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Re: Groundwater Monitoring at 4930 Coliseum Way, Oakland CA 94601

Dear Mr. Robinson:

Our office has received and reviewed the August 18, 2000 Semi-annual Groundwater Monitoring Report for the above referenced site as prepared by CSS Environmental Services, Inc. As you are aware, this monitoring is part of the long term requirement for this site to monitor the potential impact to groundwater from the residual elevated lead contamination allowed to be left in-place by our office and the Regional Water Quality Control Board. Also required is an annual inspection of the asphalt cap at this site.

The results of this sampling indicate that lead continues not to be present in shallow groundwater beneath the impacted area, however, total petroleum hydrocarbons in the gasoline and diesel range and specific chlorinated solvents continue to impact the site.

As a point of clarification, the state maximum contaminant level (MCL) for lead provided in the report, 50 ppb, is incorrect. The current MCL set by US EPA is 0, while the MCL observed by state water treatment systems is 15 ppb. This is the level at which water treatment systems may have to take treatment steps should 10% of the tested samples exceed this level.

In regards to the TPH and chlorinated solvents being detected at this site, our office agrees that this appears to be the result of release(s) from up-gradient sites. Unfortunately, the County does not have the jurisdiction to require investigation, remediation or inspection of these nearby properties. We advise that you contact the City of Oakland Hazardous Materials Program, the Regional Water Quality Control Board and/or the Department of Toxic Substances Control to voice your concern and request their assistance.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. A. Stessman, CSS Environmental Services, 95 Belvedere St., Ste 2, San Rafael, CA 94901
Ms. B. Graham, RWQCB
Mr. L. Griffin, City of Oakland OES, 1605 Martin L. King Jr. Dr., Oakland CA 94612

4930 Coliseum Way

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 5-11-2000
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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 10, 2000
StID # 67

Mr. John Robinson
PG&E
4930 Coliseum Way
Oakland CA 94601

Re: Testing for MTBE at 4930 Coliseum Way, Oakland CA 94601

Dear Mr. Robinson:

In 1997, the Legislature added a provision to chapter 6.75 of division 20 of the Health and Safety Code requiring the testing for MTBE before the Regional Board or local agency can issue a closure letter. On March 26, 1999 Governor Gray Davis signed Executive Order D-5-99 requiring the SWRCB to prioritize MTBE impacted sites to maximize the effort toward resource protection and cleanup. Our office has been requested to classify all MTBE sites and insure that all sites be monitored for MTBE.

Therefore, our office requests that on your next semi-annual monitoring of wells OW-1, and OW-4 through OW-7, that these wells be monitored for MTBE and any detectable concentrations be verified by EPA Method 8260 or an equivalent GC/MS method. Please include these results with the normal semi-annual monitoring results. If MTBE is not detected above normal detection limits, it can be eliminated from your monitoring schedule.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. A. Stessman, CET Environmental Services, 3033 Richmond CA 94806

Mtbe4930

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro # 99

STID 67

October 10, 1996

PG & E
One California Street, Room F235
San Francisco, CA 94111
Attn: Mr. Wally Pierce

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

RE: Groundwater monitoring requirements for 4930 Coliseum Way, Oakland, CA 94601

Dear Mr. Pierce:

This office recently completed a review of the case file for the above referenced Oakland site. Due to the nature of the site assessments being performed at the 5050, 5051 and 5200 Coliseum Way properties, coordinated groundwater monitoring for the four adjoining properties is being requested by this office.

You are being requested to coordinate groundwater elevation measurements (used to calculate groundwater gradients) to include all groundwater monitoring wells which are located at the 4930, 5050, 5051 and 5200 Coliseum Way properties. **This office requests that the coordination of groundwater monitoring efforts results in depth-to-groundwater measurements for all wells on the four adjoining properties to occur within a one-hour time period.**

In addition, groundwater level measurements are to be collected during the new moon at the corresponding low and high tides. The next new moon will occur at the end of October (see enclosed tide summaries for October, November and December 1996). Also, enclosed is a tidal differences chart used to correct tides calculated for the Golden Gate Bridge. Please use the location "Bay Farm Island, San Leandro Bay" for tidal corrections. **The requested groundwater monitoring is to be completed within the calendar year 1996, including a report submitted to this office within 90 days of the date of this letter, or no later than January 10, 1997.**

Please be advised that this letter constitutes a formal request for technical reports pursuant to California Water Code Section 13267(b) and Health and Safety Code Sections 25299.37 and 25299.78.

For your information I have recently taken over management of this site from Barney Chan of this office. If you have any questions, you may reach me directly at (510) 567-6880.

Mr. Wally Pierce
RE: 4930 Coliseum Way
October 10, 1996
Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Dale Klettke". The signature is written in black ink and is positioned above a horizontal line that extends to the right.

Dale Klettke, CHMM
Hazardous Materials Specialist
enclosure

c: Ms. Melissa Cooney, The Earth Technology Corporation, 2030 Addison Street,
Suite 500, Berkeley, CA 94704
Nancy Hendrickson, c/o PG&E, 77 Beale Street, Room 2439C-B24A, San Francisco, CA
94111-3765
Thomas Peacock, LOP Manger--files
Sum Arigala, RWQCB

0067moon.new

TIDAL DIFFERENCES FROM THE GOLDEN GATE

| HIGH WATER | | LOCATION | LOW WATER | |
|------------------------------------|--------|--------------------------------------|-----------|--------|
| TIME | HEIGHT | | TIME | HEIGHT |
| OUTER COAST | | | | |
| -1.08 | -0.6 | Monterey, Monterey Bay | -0.47 | 0.0 |
| -1.08 | -0.6 | General Fish Company Pier | -0.48 | -0.1 |
| -1.10 | -0.7 | Moss Landing, Ocean Pier | -0.48 | -0.1 |
| -1.06 | -0.7 | Elkhorn Slough, Highway 1 Bridge | -0.49 | -0.1 |
| -0.64 | -0.6 | Pacific Mariculture Dock | -0.40 | 0.0 |
| -0.43 | -0.4 | Kirby Park, Elkhorn Slough | -0.39 | -0.1 |
| -0.36 | -0.4 | Elkhorn Slough Railroad Bridge | -0.39 | -0.1 |
| -1.16 | -0.8 | Santa Cruz, Monterey Bay | -0.58 | 0.0 |
| -1.06 | -0.3 | Princeton, Halfmoon Bay | -0.60 | 0.0 |
| -0.49 | +0.1 | Ocean Beach, Outer Coast | -0.35 | 0.0 |
| -0.11 | -1.6 | Bollinas Lagoon | +0.37 | -0.4 |
| -0.60 | -0.1 | Point Reyes | -0.28 | 0.0 |
| -0.12 | *0.87 | Tomales Bay Entrance | +0.20 | *0.91 |
| +0.32 | -0.7 | Blakes Landing, Tomales Bay | +1.15 | -0.2 |
| +0.38 | -0.6 | Marshall, Tomales Bay | +1.16 | -0.1 |
| +0.40 | -0.6 | Inverness, Tomales Bay | +1.24 | -0.2 |
| -0.38 | -0.2 | Bodega Harbor Entrance | -0.16 | +0.1 |
| -0.51 | -0.2 | Fort Ross | -0.30 | 0.0 |
| -0.40 | 0.0 | Arena Cove | -0.17 | 0.0 |
| -0.42 | -0.1 | Point Arena | -0.21 | 0.0 |
| -0.31 | -0.1 | Albion | -0.19 | 0.0 |
| -0.31 | -0.1 | Little River Harbor | -0.19 | 0.0 |
| -0.38 | -0.1 | Mendocino, Mendocino Bay | -0.21 | 0.0 |
| -0.30 | 0.0 | Fort Bragg Landing | -0.20 | 0.0 |
| -0.31 | +0.1 | Noyo River | -0.12 | +0.1 |
| -0.31 | -0.1 | Westport | -0.22 | 0.0 |
| -0.39 | +0.2 | Shelter Cove | -0.17 | +0.1 |
| -0.28 | -0.1 | Cape Mendocino | +0.01 | 0.0 |
| SAN FRANCISCO BAY (Central) | | | | |
| -0.17 | -0.3 | Point Bonita, Cove | -0.10 | 0.0 |
| +0.14 | 0.0 | Alcatraz Island | +0.18 | 0.0 |
| +0.13 | +0.2 | San Francisco, North Point, Pier #41 | +0.11 | 0.0 |
| +0.23 | +0.4 | Rincon Point, Pier #22½ | +0.25 | 0.0 |
| +0.32 | +0.3 | Yerba Buena Island | +0.40 | 0.0 |
| +0.28 | +0.3 | Oakland, Matson Wharf | +0.36 | 0.0 |
| +0.33 | +0.2 | Oakland Pier | +0.48 | 0.0 |
| +0.37 | +0.5 | Oakland Inner Harbor | +0.41 | 0.0 |
| +0.32 | +0.6 | Alameda | +0.41 | 0.0 |
| +0.33 | +0.4 | Oakland Harbor, Grove Street | +0.42 | 0.0 |
| +0.38 | +0.6 | Oakland Harbor, Park Street Bridge | +0.44 | 0.0 |
| +0.48 | +0.8 | Bay Farm Island, San Leandro Bay | +0.69 | 0.0 |
| +0.47 | +0.8 | Oakland Airport | +0.62 | 0.0 |
| +0.33 | +0.5 | Potrero Point | +0.46 | 0.0 |
| +0.25 | +0.9 | Hunters Point | +0.89 | 0.0 |

NOTE: When an asterisk (*) precedes a difference, that difference given is a ratio, and the height of high or low water at the Golden Gate is multiplied by the ratio to determine the height at the station.

TIDAL DIFFERENCES FROM THE GOLDEN GATE

| HIGH WATER | | LOCATION | LOW WATER | |
|----------------------------------|--------|------------------------------------|-----------|--------|
| TIME | HEIGHT | | TIME | HEIGHT |
| SAN FRANCISCO BAY (South) | | | | |
| +1.01 | +1.4 | San Leandro Channel | +1.29 | 0.0 |
| +0.22 | +1.4 | Roberts Landing, 1.3 mi West of | +1.28 | +0.1 |
| +0.38 | +1.2 | South San Francisco | +0.58 | 0.0 |
| +0.48 | +1.1 | Oyster Point Marina | +1.07 | 0.0 |
| +0.38 | +1.1 | Point San Bruno | +1.10 | -0.1 |
| +0.42 | +1.4 | Seaplane Harbor | +1.09 | 0.0 |
| +0.42 | +1.5 | Coyote Point Marina | +1.08 | 0.0 |
| +0.52 | +1.8 | San Mateo Bridge, west end | +1.20 | +0.1 |
| +0.48 | +1.8 | San Mateo Bridge, east end | +1.19 | 0.0 |
| -1.03 | +0.3 | Alameda Creek | +2.31 | -0.8 |
| +1.02 | +0.9 | Coyote Hills Slough entrance | +2.28 | -0.6 |
| +1.06 | +2.1 | Redwood Creek, entrance (inside) | +1.38 | +0.1 |
| +0.53 | *1.41 | Redwood Creek Marker #8 | +1.28 | *1.05 |
| +1.02 | +2.2 | South Bay Wreck | +1.37 | +0.1 |
| +1.03 | +2.2 | Corkscrew Slough | +1.42 | +0.1 |
| +0.58 | +2.2 | Redwood City, Wharf #5 | +1.32 | +0.1 |
| +1.03 | +2.2 | West Point Slough | +1.36 | +0.1 |
| +1.15 | +2.2 | Smith Slough | +1.58 | 0.0 |
| +1.11 | +2.6 | Newark Slough | +1.58 | +0.1 |
| +1.03 | +2.2 | Granite Rock | +1.38 | +0.1 |
| +1.09 | +2.5 | Palo Alto Yacht Harbor | +2.09 | 0.0 |
| +1.12 | +2.6 | Mowry Slough | +2.07 | 0.0 |
| +1.05 | +2.8 | Calaveras Point, west of | +1.49 | +0.1 |
| +1.19 | +1.7 | Mud Slough Railroad Bridge | +2.69 | -0.1 |
| +1.14 | +2.7 | Guadalupe Slough | +2.15 | 0.0 |
| +1.23 | +3.4 | Upper Guadalupe Slough | +2.21 | +0.2 |
| +1.13 | +3.1 | Coyote Creek, Alviso Slough | +2.08 | +0.2 |
| +1.15 | +3.4 | Gold Street Bridge, Alviso Slough | +2.34 | +0.1 |
| +1.21 | +2.6 | Coyote Creek, Tributary #1 | +2.45 | -0.3 |
| SAN FRANCISCO BAY (North) | | | | |
| +0.10 | -0.3 | Sausalito | +0.14 | 0.0 |
| +0.11 | -0.2 | Sausalito, Corps of Engineers Dock | +0.21 | 0.0 |
| +0.13 | -0.2 | Angel Island, west side | +0.21 | 0.0 |
| +0.16 | +0.1 | Angel Island, East Garrison | +0.20 | 0.0 |
| +0.21 | +0.1 | Berkeley | +0.38 | 0.0 |
| +0.23 | +0.1 | Point Isabel | +0.33 | 0.0 |
| +0.25 | 0.0 | Richmond Inner Harbor | +0.36 | 0.0 |
| +0.29 | 0.0 | Chevron Oil Company Pier | +0.36 | 0.0 |
| +0.47 | 0.0 | Point Orient | +0.52 | 0.0 |
| +0.37 | -0.1 | Corte Madera Creek | +0.52 | 0.0 |
| SAN PABLO BAY | | | | |
| +0.59 | +0.1 | Point San Pedro | +1.01 | 0.0 |
| +1.12 | *1.04 | Pinole Point | +1.26 | *0.92 |
| +1.25 | -0.1 | Hercules | +1.49 | -0.2 |
| +1.22 | +0.1 | Petaluma River Entrance | +2.11 | -0.1 |
| +1.59 | *1.11 | Lakeville, Petaluma River | +2.50 | *.81 |
| +2.10 | *1.16 | Upper Drawbridge, Petaluma River | +3.10 | *.81 |
| +1.11 | +0.1 | Gallinas Creek | +1.30 | -0.1 |

*See note, page 6.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R099

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

July 14, 1994
StID # 67

Mr. Wally Pierce
PG & E
One California St., Room F235
San Francisco, CA 94111

**RE: Groundwater Monitoring Schedule for 4930 Coliseum Way,
PG&E Construction and Distribution Yard, Oakland CA 94601**

Dear Mr. Pierce:

As you may be aware, Mr. Britt Johnson has left our offices and has transferred the oversight of this site to me. I am familiar with this site, as I originally was overseeing the petroleum hydrocarbon release at this site until I relinquished the entire site to Mr. Johnson. Prior to his departure, he discussed your proposed change from quarterly to semi-annual groundwater monitoring for the wells downgradient to the former above ground tank. Given the prior low soluble lead levels, I concur with this monitoring change. At this time all wells may be monitored on a semi-annual basis.

Please be aware our office has recently moved to:
**1131 Harbor Bay Parkway, Room 200
Alameda CA 94502.**

Until our phone system is on-line, you may leave a voice message for me at (510) 337-2864.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

cc: Ms. Melissa Cooney, The Earth Technology Corp., 2030 Addison
St., Suite 500, Berkeley, CA 94704

K. Graves, RWQCB
E. Howell, files

mon-4930

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R099

RAFAT A. SHAHID, Assistant Agency Director

February 3, 1993

Wally A. Pearce
Staff Safety Engineer
Pacific Gas and Electric
One California Street, Room F-235
San Francisco, CA 94601

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: **Monitoring Well Installation, 4930 Coliseum Way,
Oakland, CA 94601**

Dear Mr. Pearce:

Barney Chan and I have reviewed your letter of January 13, 1993 outlining PG&E's proposal for installing a new monitoring well at the above location. The proposed well location as shown in Figure 1 is approved. This approval is subject to the following conditions:

- 1) Obtain a Well Drilling Permit from the Alameda County Floor Control and Conservation District, Zone 7, Parkside Drive, Pleasanton, (510) 484-2600.
- 2) Submit a report within 45 days of completion of the well installation documenting the work done. This report must be submitted under the seal of a California Registered Geologist, Certified Engineering Geologist or Registered Civil Engineer.
- 3) The Well Construction and sampling shall done according to the August 10, 1990 Tri-Regional Recommendations of the California Regional Water Quality Control Board, San Francisco Bay Region.

Please call me at (510) 271-4320 if you have any questions.

Sincerely,

Britt Johnson
Hazardous Materials Specialist

cc: Ed Howell - files
Rich Hiatt, RWQCB
Barney Chan, Hazardous Materials Specialist
Barbara Cook, Cal-EPA, DTSC
Voytek Bajsarowicz, Aqua Resources, 2030 Addison St.
Berkeley, CA 94704

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R099

RAFAT A. SHAHID, Assistant Agency Director

May 29, 1992

Wally A. Pearce
Staff Safety Engineer
Pacific Gas and Electric
One California Street, Room F-235
San Francisco, CA 94601

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: Soil Remediation, 4930 Coliseum Way, Oakland, CA 94601

Dear Mr. Pearce:

Our records indicate that the "deposit/refund" account for this site has been depleted. We estimate that the review of the Health Risk Assessment and other work will take at least 20 additional hours. Therefore we request an additional deposit of \$1,420.00. Please make your check payable to Alameda County and remit to the address listed above.

The Alameda County Department of Environmental Health, Division of Hazardous Materials charges for the review and oversight of site remediation work on a "deposit/refund" basis. The "deposit/refund" arrangement is authorized by Section 3-140.5 of the Alameda County Code.

We collect a deposit in advance based upon the anticipated hours our work will take. Our current hourly rate is \$71.00. Any unused deposit will be refunded at the completion of our work and we keep a detailed accounting of all our charges.

The "deposit/refund" method of charging for our services is for site remediation work not eligible for inclusion in the Local Oversight Program, (LOP). The LOP is a federal and state petroleum underground storage tank cleanup program and the billing is done by the State Water Quality Control Board.

Please contact Britt Johnson, Hazardous Materials Specialist at (510) 271-4320 if you have any questions.

Sincerely,

Paul Smith
Senior Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

R099

May 7, 1992

Wally A. Pearce
Staff Safety Engineer
Pacific Gas and Electric
One California Street, Room F-235
San Francisco, CA 94601

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: **Soil Remediation, 4930 Coliseum Way, Oakland, CA 94601**

Dear Mr. Pearce:

This Department has reviewed your letter of April 2, 1992 outlining PG&E's proposal for capping this site to mitigate the lead contamination. We are pleased to approve this proposal subject to the following conditions:

- 1) A scope of work for the Human Health Risk Assessment and Site Safety Plan must be submitted for our review and approval prior to conducting this assessment. Ravi Arulanantham, Ph. D., Senior Hazardous Materials Specialist will be reviewing the assessment and he requests that you contact him at (510) 271-4320 prior to preparing the scope of work.

The Assessment must include a plan for preventing the spread of any air borne lead during the capping work. Any concerns which result from our review of this assessment must be addressed prior to the start of work.

- 2) The deed restriction must be approved by a legal representative of Alameda County. The deed restriction must include provisions restricting any use of this site to its current use as a vehicle storage and staging area. Sale of the property and any residential, retail, or office use will be prohibited until the lead contamination has been removed.
- 3) The cap must be designed to prevent the lateral and vertical spread of contamination to ground and surface water. The design plan must be approved and stamped by a licensed Engineer and submitted to us for our review and approval.
- 4) Notification must be given of the yearly inspection of the cap, so a representative from this Department can accompany your Engineer if we desire.
- 5) Contact Cal-EPA, Department of Toxic Substances Control, Berkeley Regional Office for any permit

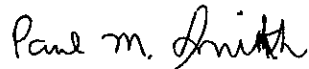
Wally A. Pearce
May 7, 1992
Page 2 of 2

requirements they may have regarding this matter.

- 5) The County must be reimbursed for all oversight costs including the legal review and the yearly inspection of the cap. The current hourly rate for the Hazardous Materials Division is \$71.00 and is subject to adjustment by the Board of Supervisors.

Please direct any questions and correspondence to Britt Johnson, Hazardous Materials Specialist, at (510) 271-4320.

Sincerely,



Paul Smith
Senior Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB
Ravi Arulananthanam, Senior Hazardous Materials Specialist
Barbara Cook, Cal-EPA, DTSC
Janusz Bajsarowicz, PE, Aqua Resources, 2030 Addison St.
Berkeley, CA 94704

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R099

RAFAT A. SHAHID, Assistant Agency Director

February 5, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. Wally Pearce
PG&E
One California St., Room F-235
San Francisco, CA 94111

Re: Requirements for Remediation in Former Gas Holder Tank Area
4930 Coliseum Way, Oakland CA 94621

Dear Mr. Pearce:

This letter recounts the January 1992 meeting with representatives from Aqua Resources Inc., PG&E and those of our Division regarding the proposal for site remediation in the area of the former gas holder tank at the above referenced site. As you will recall, the site was to be assessed and remediated as two sites, the former tank cluster area and this the former gas holder area. The remediation of the tank cluster area has been performed and a report is pending. The main contamination in the latter area is total and soluble lead from the deposition of leaded paint which was scraped and sloughed off over the years. In addition, small quantities of petroleum products were found in the gas holder tie-down boxes and the concrete slabs near the former tank. In regards to the petroleum contamination, the same action limits as used in the tank cluster location should be minimally achieved. Excavation and confirmatory sampling is acceptable. Ground water monitoring should incorporate both petroleum and soluble lead analysis.

In regards to the lead contamination problem, it was suggested that all alternatives be evaluated besides excavation and landfilling and capping the site.

The County does not have any objection to the capping of the site as long as all other regulatory agencies submit their written approval. The minimum requirements were mentioned in this meeting. They include:

1. A Waste Discharge Permit must be applied for and approved by the Regional Water Quality Control Board through their land disposal department.
2. You must seek written approval from the Department of Health Services as the capping of the site may require a variance or permit.

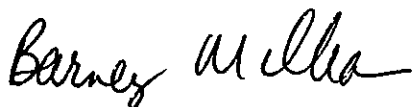
Mr. Wally Pearce
PG&E, 4030 Coliseum Way
February 5, 1991
Page 2.

3. A Risk Assessment must be performed to show the potential human and environmental impact of the hazardous material left in place.
4. A deed restriction must occur as a notice to any future buyer(s).
5. All requirements concerning the impact to ground water must be addressed. Appropriate monitoring wells must be installed and any migration of dissolved contaminants, inorganic or organic, must be mitigated and minimally confined to the property.

As a first approach, the vertical and lateral extent of lead and petroleum hydrocarbon contamination must be defined. Monitoring wells must be installed to define the zero concentration line for these contaminants. These items, regardless as to whether the capping procedure is approved, should be done. Please provide a work plan to accomplish this first step. In addition, on a quarterly basis you should sample these perimeter wells in addition to the wells on the former tank cluster area. You should also provide a timeframe for obtaining regulatory approval for the capping of the site. In the event that these approvals are not obtained, excavation and proper disposal or another preapproved method must be performed.

You may contact me at (510) 271-4320 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Karfiol, PG&E, Env. Services Department
J. Bajsarowicz, Aqua Resources Inc.
R. Hiatt, RWQCB

4930Coliseum-Pb

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R099

December 17, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Mr. Wally Pierce
PG&E
One California Street, Room F-235
San Francisco, CA 94111

Re: The Installation of Monitoring Wells at 4930 Coliseum Way, PG&E Site.

Dear Mr. Pierce:

Our office has received the faxed proposal for the installation of two monitoring wells at the above subject site. This information was sent to us by Mr. Fred Tornatore of Aqua Resources Inc. The locations of these wells is acceptable and the installation of the wells may proceed immediately. As mentioned in this communication, Well #1 will replace the former Well OW-3 which was removed during the ongoing excavation activities. Well #2 is located near the location of the two pipes extending from the metal recycler, toward the northeast corner of the property. This well will give information regarding the likelihood of upgradient contamination affecting PG&E property.

Please be advised that there was a request for the chemical analysis of the asphaltic material which was found exuding from the two pipes, and the analysis of the asphaltic material which is apparent in the soils around the base of the excavation. Additional soil and/or ground water analysis or remediation will be based on the chemical nature of this material.

Please contact me at (510)271-4320 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Karfiol, PG&E, Env. Services Department
F. Tornatore, Aqua Resources Inc.
E. So, RWQCB
WP-4930ColiseumWay

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R099

October 22, 1991

Mr. Wally Pearce
PG&E
One California Street, Room F-235
San Francisco, CA 94111

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Re: Work Plan for PG&E ENCON-GAS Transmission and Distribution
Construction Yard, Former Tank Cluster Area, 4930 Coliseum Way
Oakland 94621

Dear Mr. Pearce:

This letter recounts the meeting between representatives of PG&E, Aqua Resources Inc. and the Alameda County Hazardous Materials Division. The subject of the meeting was the adequacy of the Feasibility Study and Site Closure Plan for the above site. The County is in agreement that the proposed cleanup levels for TPH as gasoline, TPH as diesel, TPH as kerosine, Oil and Grease and BTEX are acceptable. Work may proceed at once as long as the following additional County concerns are addressed:

1. The frequency of the confirmation sampling was not specified. Please be aware that your sampling schedule should be consistent with the sampling protocol as stated in SW846, EPA's method manual for the analysis of solid wastes.
2. It was noted that in two separate soil borings, SB-6 and SB-8, chlorinated solvents were found. Therefore, in the confirmation sampling in these areas, chlorinated solvents should be run.
3. It was also noted that in the meeting that in the event that any monitoring well(s) are destroyed through soil excavation, additional well(s) will be necessary for groundwater monitoring. Also, any claims for offsite sources of groundwater contamination will need documentation which must include offsite subsurface investigation.

With these items in mind, you can proceed with your proposal. You may contact me at (510) 271-4320 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Karfiol, PG&E, Env. Services Department
J. Bajsarowicz, Aqua Resources Inc.
E. So, RWQCB 4930ColWP