

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 10-15-99
including cc's

20286

October 14, 1999

Ms. Sue Fandel
PG&E
Environmental Services
P.O. Box 7640
San Francisco, CA 94120

ENVIRONMENTAL HEALTH SERVICES

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

**RE: PG&E Emeryville Maintenance Facility - 4525 Hollis Street, Emeryville, CA 94608
(STID # 355)**

Dear Ms. Fandel:

Our records indicate that a deposit / refund account for regulatory oversight of PCB release at the above subject site has not been submitted. Please submit a deposit of \$3,000.00 payable to Alameda County, Environmental Health Services.

We must receive this deposit so that future regulatory oversight on the subject site can proceed in a timely fashion. At the completion of this project, any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently at \$ 100 per hour.

Please be sure to write the following on the check to identify your account:

- project #,
- type of project and
- site address (see RE: line above).

If you have any questions, please contact me at (510) 567-6780 or e-mail at shugo@co.alameda.ca.us.

Sincerely,

Susan L. Hugo
Hazardous Materials Specialist

c: Thomas Peacock, Program Manager
SH / files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO# 286

~~January 15, 1998~~

STID 355

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

Mr. Jesus Luna
Pacific Gas and Electric Co.
4525 Hollis Street
Emeryville, California 94608

RE: PG&E Emeryville Repair Facility - 4525 Hollis Street, Emeryville, CA 94608

Dear Mr. Luna:

This letter documents the inspection conducted today at the above referenced site concerning petroleum hydrocarbon discharge into the storm drains along 53rd Street. The reported spill appears to be related to surface spill run off due to heavy precipitation and the construction activities on 53rd Street. Mr. Juan Arreguin of Emeryville Public Works was notified of the surface run off discharge into the storm drains. However, during this inspection the following environmental issues were noted that are related to the subject site and must be addressed:

- 1) Two underground pipes sticking out of the west wall along the drive way on 53rd Street appears to be related to underground storage tanks and may have stored waste oil. Markings on that wall near the pipes states the words "tanks and waste oil". This agency has no information regarding the presence of tanks in this area. Please provide our office with documentation regarding the presence or absence of these tanks. If these tanks are abandoned and not being used, they must be removed under permit from this office. If the tanks have been removed, the pipings remaining at the site must be properly closed.
- 2) The surface run off system installed near the driveway had a break that must be corrected.

Due to the present and anticipated heavy precipitation in the future, issue #2 must be addressed immediately and submit a corrective action plan to this office in a timely manner.

With regards to issue #1, please respond within 30 days or no later than February 15, 1998.

If you have any questions regarding this letter, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Hazardous Materials Specialist

- c: Mee Ling Tung, Director, Environmental Health
Thomas Peacock, LOP / SH / files
Ari Levi / Amir Gholami, Environmental Protection Division
Juan Arreguin, City of Emeryville, 2200 Powell Street, 12th Floor, Emeryville, CA 94608
Ric Notini, Chiron Corp., 4560 Horton Street, Emeryville, CA 94608

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



#4525 Hollis

Ro 286

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

March 20, 1995
STID# 355

Ms. Michelle Boscoe
PG & E Repair Facility
4525 Hollis Street
Emeryville, California 94608

RE: Underground Storage Tank Removals at Emeryville Repair Facility - 4227 Hollis Street & 4525 Hollis Street, Emeryville, California 94608

Dear Ms. Boscoe:

This office has recently reviewed the case file regarding three underground storage tanks which were removed at the referenced sites.

On October 24, 1991, one 800 gallon underground storage tank (uncovered during the reinforcement of the building) was removed at 4227 Hollis Street. The tank appeared to contain kerosene and had been installed by previous owner prior to 1955. Soil sample collected from the west end bottom of the excavation found contamination at 460 ppm TPH gasoline, 6,230 ppm TPH kerosene, 115 ppm TOG, 0.1 ppm PCB, 88 ppm zinc, 1.43 ppm cadmium, 21.3 ppm lead, and 27.5 ppm chromium. Limited overexcavation was conducted on November, 1991. Confirmation soil samples collected from the bottom and the sidewalls of the excavation showed no detectable level of PCB, TPH gasoline, TPH kerosene, and TOG. Metals (21.5 ppm zinc, 0.33 ppm cadmium, 5.89 ppm lead, 22.4 ppm nickel, 18.2 ppm chromium) were detected in the confirmation samples. However, these metals do not appear to be related to the underground storage tank.

On December 22, 1993, two 5,000 gallon steel underground storage tanks used to store non PCB transformer oil were removed at 4525 Hollis Street site. The former tanks were decommissioned in 1986 and filled with water. Four soil samples were collected (one sample from each end of the tank) beneath the bottom of the tanks at approximately 10 feet below ground surface (bgs). Soil sample (PF-2) collected from the east end of the north tank indicated contamination as high as 2600 ppm TPH diesel, 2400 ppm oil & grease, 1.4 ppm PCB 1260, 2.2 ppm cadmium, 44 ppm chromium, 47 ppm lead, 110 ppm nickel, and 57ppm zinc. Limited overexcavation was conducted vertically (4 feet deeper) on December 29, 1993 and confirmation samples indicated the following residual soil contamination at the site: 300 ppm TPH diesel, 310 ppm oil & grease, 0.086 ppm PCB 1260, 1.6 ppm cadmium, 48 ppm chromium, 11 ppm lead, 220 ppm nickel, 50 ppm zinc.

Ms. Michelle Boscoe
RE: 4227 Hollis & 4525 Hollis Street, Emeryville
March 20, 1995
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Clearly, a release associated with the former underground storage tanks had occurred at the referenced site. The vertical and lateral extent of the soil and /or groundwater contamination must be determined. A work plan must be submitted to this office no later than May 31, 1995.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

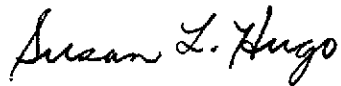
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Ms. Michelle Boscoe
RE: 4227 Hollis & 4525 Hollis Street, Emeryville
March 20, 1995
Page 3 of 3

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Gordon Coleman, Acting Chief, Environmental Protection
Division / files
Kevin Graves, San Francisco Bay RWQCB
Sum Arigala, San Francisco Bay RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0286

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 28, 1995
STID# 355

Ms. Michelle Boscoe
PG & E Repair Facility
4525 Hollis Street
Emeryville, California 94608

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

(510) 271-4000

**RE: Groundwater Investigation at Emeryville Materials
Facility - 4525 Hollis Street, Emeryville, California 94608**

Dear Ms. Boscoe:

This office has recently reviewed the case file regarding the soil and groundwater investigation at the referenced site. We are in receipt of the report "Emeryville Materials Facility, Aboveground Tank Groundwater Investigation" (May 12, 1994) prepared by PG & E Technical and Ecological Services (TES) which documents the work completed (i.e. advancing / sampling four soil borings and completion of the soil borings as groundwater monitoring wells) to assess the release associated with the former transformer oil tanks at the subject site.

Based on this review, the following items must be addressed regarding the on-going soil and groundwater investigation at the site:

- 1) TEPH as dielectric oil was detected in the soil at concentrations up to 2100 ppm (at 9 feet depth) and in ground - water at concentrations up to 340 ppb. BTEX was also detected in the soil at the following concentrations: 10 ppb benzene, 29 ppb toluene, 3 ppb ethyl benzene and 25 ppb xylenes. Groundwater showed BTEX at the following concentrations: 0.8 ppb benzene, 1.5 ppb toluene and 2.7 ppb xylenes. To date, the horizontal extent of the petroleum hydrocarbon contamination related to the former aboveground tanks remains undefined in the east and south area of the former tank farm. A workplan must be submitted to completely characterize the extent of the contaminant plume.
- 2) Section 3, page 3-1 of the report indicated the BTEX concentration units as mg/kg. However, the analytical report showed BTEX concentration units as ug/kg. Please make a note of this discrepancy.
- 3) A small perched zone with water and product was found in soil boring ESE2 at nine feet depth. The extent of this free product must be determined.

Ms. Michelle Boscoe
RE: 4525 Hollis Street, Emeryville, CA 94608
February 28, 1995
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- 4) Please submit a copy of the well completion diagram and boring log for MW-4. The rationale for the installation of MW-4 must be explained. Are there any other soil / groundwater investigations (past or present) at the site that required the installation of MW-4 ?
- 5) Groundwater monitoring wells (ESE1, ESE2, ESE3, ESE4 and possibly MW4) must be sampled at a minimum of every quarter for the following target compounds: TEPH, benzene, toluene, ethyl benzene, xylene and PCB. Groundwater elevation readings shall be incorporated in the monitoring program.
- 6) PCB concentration up to 385 ppm and TEPH up 16,000 ppm (found in soil boring B-1 and B-10 respectively) remain on site and must be remediated to acceptable levels which are protective acceptable levels which are protective to the public health and groundwater.

Response to all items mentioned above must be submitted to this office no later than April 28, 1995.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels

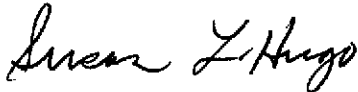
Ms. Michelle Boscoe
RE: 4525 Hollis Street, Emeryville, CA 94608
February 28, 1995
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- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Gordon Coleman, Acting Chief, Environmental Protection
Division / files
Kevin Graves, San Francisco Bay RWQCB
Sum Arigala, San Francisco Bay RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0286

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 15, 1994
STID# 355

Mr. Melvin Byrd
PG & E Repair Facility
4525 Hollis Street
Emeryville, California 94608

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

RE: Workplan for Groundwater Investigation at Emeryville Materials Facility - 4525 Hollis Street, Emeryville, California 94608

Dear Mr. Byrd:

This office has completed review of the "Investigation of Subsurface Soils" (January 11, 1994) and the "Workplan for Groundwater Investigation" (January 11, 1994) prepared by PG&E Technical and Ecological Services (TES) for the referenced site.

Based on this review, the basic elements of the workplan is acceptable provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from each boring must be from the saturated/unsaturated zone interface.
- 2) A minimum of 24 hours, and preferably 72 hours should pass between well development and purging/sampling.
- 3) Wells should be surveyed to an accuracy of 0.01 foot and referenced to a common bench mark such as mean sea level (MSL).
- 4) Please submit copies of the manifest for disposal of any hazardous waste generated during the investigation.
- 5) Soil and groundwater samples must be analyzed for the following target compounds: PCB, TPH diesel, benzene, toluene, ethyl benzene and xylene.
- 6) Submit a site map which illustrates the location of the monitoring well (MW-4) referred in the subsurface investigation report. Please cite this well relative to the proposed four monitoring wells.
- 7) The four monitoring wells to be installed must be identified (i.e. MW-1, MW-2, MW-3, MW-4).

Mr. Melvin Byrd
RE: 4525 Hollis Street, Emeryville, CA 94608
February 15, 1994
Page 2 of 3

- 8) Groundwater monitoring wells must be sampled at a minimum of every quarter and groundwater elevation readings must be incorporated in the monitoring program.
- 9) PCB concentration up to 385 ppm and TEPH up to 16,000 ppm (found in soil borings B-1 and B-10 respectively) remain on site and must be remediated to acceptable levels which are protective to the public health and groundwater.
- 10) Recall that the following contaminant source areas exist on site: B-10 (10,000 ppm TEPH); B-12 (16,000 ppm TEPH); B-7 (7700 ppm TEPH); B-1 (385 ppm PCB); B-16 (185 ppm PCB); B-9 (93 ppm PCB). Only one of the proposed well is located proximal to source area B-10. The threat or impact to groundwater of the remaining source areas should be investigated.
- 11) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

Response to items #4, #6, #9 and #10 should be included in the report to be submitted to this office following completion of this investigation. Report must be submitted within 45 days after workplan implementation.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained

Mr. Melvin Byrd
RE: 4525 Hollis Street, Emeryville, CA 94608
February 15, 1994
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- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division - files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0286

15 August 1989

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

5

Ann McDonald
Woodward Clyde Consultants
500 12th Street
Suite 100
Oakland, CA 94607-4014

Subject: Requested File Search Concerning 1271 45th St.
Emeryville.

Dear Ms. McDonald:

As per your written request a review has been conducted of our records concerning the general vicinity of the address which you had specified. The following information has been collected.

- (R01153) 1000 45th St. The Flecto Company, This facility is a hazardous waste generator and has submitted a Hazardous Materials Business Plan to this office. A five year operating permit was issued to this facility for three underground storage tanks in February of 1989.
- 1250 45th St. Equipment Associates Inc. This facility, formerly a hazardous waste generation site, is currently undergoing renovation. There is a single 5,000 gallon underground storage tank at this site for which a closure is being prepared.
- 1266 45th St. 4th Street Woodworks, This agency has no records concerning this site.
- 1270 45th St. Mesquite Products International, This agency has no records concerning this site.
- 1271 45th St. This agency has no records concerning this site.
- 1280 45th St. Tastevia Wines, This agency has no records concerning this site.
- 1290 45th St. Evan R. Inc. This agency has no records concerning this site.

Ann McDonald
Woodward Clyde Consultants
500 12th Street
Suite 100
Oakland, CA 94607-4014
File Search
15 August 1989
Page 2 of 4

(R0402) 1177 47th St. A.C. Transit Facility, A hazardous waste generator which has not yet submitted a Hazardous Materials Business Plan to this office. An interim operating permit was issued in June of 1988 for fifteen underground storage tanks at this location.

Approximately 16,000 gallons of diesel fuel was released from a leak in the delivery pipeline in April of 1989. As much as 1,000 gallons of this released fuel escaped the A.C. Transit facility tank farm and entered Temescal Creek Culvert through the storm drain system. The culvert was diked, the free product was drawn from the water surface and 180 drums of contaminated soil and absorbant pads were removed for disposal.

4060 Hollis St. United Stamping Company. This facility is listed in our records as a hazardous waste generator and a Hazardous Materials Business Plan is on record with this office.

4221 Hollis St. Morehouse Foods Inc. An underground storage tank was removed from this site in October 1987. No evidence of contamination was detected during this project.

4227 Hollis St. PG and E Facility, This agency has no records concerning this site.

4245 Hollis St. PG and E, Shop. This facility is listed in our records as a hazardous waste generator.

4246 Hollis St. Oakland Pool Supply. This agency has no records concerning this facility.

Ann McDonald
Woodward Clyde Consultants
500 12th Street
Suite 100
Oakland, CA 94607-4014
File Search
15 August 1989
Page 3 of 4

(R0286) 4525 Hollis St. PG and E Materials Distribution Facility. This site is listed in our records as a hazardous waste generator and a Hazardous Materials Business Plan has been submitted to this office. An interim operating permit for two underground storage tanks was issued to this facility in March of 1988. The California Department of Health Services is currently overseeing a remediation project on this site concerning PCB contaminated soil.

(R064) 1150 Park Ave. Pepsi Cola Bottling Plant. An interim operating permit for two underground storage tanks was issued in April of 1988. A Hazardous Materials Business Plan has been submitted to this office regarding this site.

(R02810) 1250 Park Ave. Del Monte Plant #35. This facility is currently not in operation. Five underground storage tanks were removed in March of 1989. Soil contamination of up to 500 parts per million of Total Petroleum Hydrocarbons was discovered during this project, requiring the installation of a groundwater monitoring system. This monitoring system is being sampled on a quarterly basis.

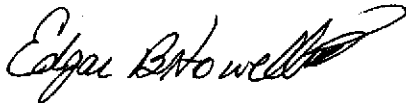
Our records contain considerable documentation regarding the sites described in this letter. Should you desire, please submit a description of any documentation that you would like to receive for a specific site. Copies of non-trade secret information in our files will be provided to you at a cost of \$1.00 per page.

Ann McDonald
Woodward Clyde Consultants
500 12th Street
Suite 100
Oakland, CA 94607-4014
15 August 1989
Page 4 of 4

This letter is limited to information available to this department and does not reflect information which may be accessible from other agencies or businesses involved with these properties. You will be billed for the provision of this service.

Please refer all further correspondence regarding this matter to, Dennis Byrne, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



for Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:DB