

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director
November 20, 2000
StID # 583

20315

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

Ms. Linda Lyons
United Parcel Service
55 Glenlake Parkway, NE
Atlanta GA 30328

Re: Status of Subsurface Investigation at UPS Center, 8400 Pardee Dr., Oakland CA 94621

Dear Ms. Lyons:

Our office has not been informed of any current or past environmental investigations occurring at the above referenced site. As you may recall, our office met with you and your consultant, Mr. Bruce Scheibach of Blasland, Bouck & Lee (BBL), on July 29, 1997. A summary of the conclusions from this meeting were included in the BBL August 4, 1997 letter work plan. These items included:

- The monitoring wells in the northern portion of the site could be properly closed, since no further work was required in this area.
- Because it appeared that there had been at least two separate releases on the southern portion of the site (one possibly from contaminated fill material) a geoprobe boring investigation of up to eight locations was proposed. Soil and groundwater samples were to be collected for chemical analysis (TPHd). (Please include the chromatograms from these analyses.)
- The oxygen-releasing compound (ORC) socks would continue to be used in the three monitoring wells and the piezometer, OW-1.

My August 8, 1997 letter approved this work plan with a number of conditions including running dissolved oxygen on the water samples and including BTEX analyses on the soil and groundwater samples from the outermost borings. Because of the potential of aeration of water during the advancement of the borings, the dissolved oxygen readings need not be taken.

Please provide an update on the status of this site. This should include any past monitoring or investigation reports since June 1997. Also include your plans for this site to complete the previously proposed work and any other actions necessary for site closure. **Please provide your response and reports to our office within 30 days or no later than December 22, 2000.**

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Ms. C. Ehrlich, UPS, 8400 Pardee Dr., Oakland CA 94621
Stat8400Pardee

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 1/5/00
Including cc's

20375

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

January 3, 2000

Mr. David Lau
Transglobal Equipment
1932 Mason Street
San Francisco, CA 94133
STID 6624

RE: 2411 Webb Avenue, Alameda, CA 94501

Dear Mr. Lau:

I have reviewed the report dated December 21, 1999 prepared by Technology, Engineering & Construction, Inc. for the Removal of Two Underground Storage Tanks (USTs) at the above site. On December 9, 1999 one 500 gallon gasoline UST and one 500 gallon heating oil UST were removed from the site. Soil samples collected underneath the tanks contained up to 8,300 ppm TPHd and 450 ppm TPHg.

This office concurs with your consultant's recommendation to advance 4 to 5 soil borings in and around the former UGTs and collect soil and groundwater samples to determine the extent of the soil and groundwater contamination. Please submit a subsurface workplan to determine the extent of soil and groundwater contamination.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Walter Cuculic, Technology, Engineering & Construction Inc., 35 South Linden Avenue, South San Francisco, CA 94080-6407

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#315

August 8, 1997
StID # 583

Mr. Linda Lyons
United Parcel Service
55 Glenlake Parkway, NE
Atlanta GA 30328

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

**Re: Work Plan for United Parcel Service Center, 8400 Pardee Dr.,
Oakland CA 94621**

Dear Ms. Lyons:

Our office has received and reviewed the August 4, 1997 Blasland, Bouck & Lee, Inc. (BBL) work plan for additional site investigation at the above referenced site. This work plan is a result of the July 29, 1997 meeting at the County offices. The work plan recommends the following:

- * closure of the monitoring wells on the north side of the facility,
- * installation of up to eight direct push borings upgradient of the southern fuel tank system, and
- * continued use of ORC socks in the three monitoring wells and the piezometer, OW-1. After approximately six months, the three monitoring wells will be sampled and analyzed for TPHd.

Upon review of this work plan, office approves it with the following conditions:

- * please run dissolved oxygen either directly downhole or after groundwater sampling on all water samples. This will allow you to estimate the background level of oxygen.
- * on the outermost borings, if TPHd is detected in the samples, please also analyze the sample (soil and groundwater) for BTEX. This is to allow a possible distinction of contamination near the tank pit from that much farther away.
- * please notify me 72 working hours prior to your field work.

I may be reached at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Mr. R. B. Scheibach, BBL, 715 Southpoint Blvd., Suite 7A,
Petaluma, CA 94954-6836

B. Chan, files wpap8400

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 315

November 19, 1996
StID # 583

Ms. Caroline Ehrlich
United Parcel Service
8400 Pardee Dr.
Oakland CA 94621

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

Re: UPS Oakland Center, 8400 Pardee Drive, Oakland CA 94621

Dear Ms. Ehrlich:

Our office has received and reviewed the October 14, 1996 and November 15, 1996 reports prepared by Blasland, Bouck & Lee, Inc. (BB&L) discussing and providing interpretation of the results of their recent subsurface investigations at the above referenced site. The reports also respond to my September 12, 1996 letter. It appears that the southern portion of the UPS site has been impacted by two distinct releases, one being the underground diesel tank area and the other reportedly from historic contaminated fill.

It is likely that the free product that has been found in MW-2 came from a diesel release from the underground tank system. The analytical laboratory described the gas chromatogram of the product from MW-2 as weathered diesel. Coincidentally, the analysis of the petroleum contamination from TW-8 was also identified as weathered diesel. The location of TW-8 is approximately 95 feet upgradient from the diesel dispensing area. Since diesel fuel doesn't typically migrate far, we are likely looking at two sources of petroleum contamination.

BB&L proposes to address the petroleum contamination in the diesel dispensing area by introducing ORC (oxygen releasing compounds) within the existing three monitoring wells and also within an additional piezometer to be installed. This proposal is accepted on the condition that you first provide a site map indicating the location of the piezometer. Please insure that prior to monitoring these wells, the ORC is removed and the wells purged to obtain a representative groundwater sample. When monitoring occurs, please analyze MW-2 for PAHs via EPA Method 8100 as previously requested, in addition to TPH as diesel and BTEX.

In regards to the upgradient contamination, our office is not yet convinced that such contamination is the result of fill material. We request that you perform a historic review of this area, perhaps using Sanborn maps, air photos etc. to document the various uses of this site. Should you not be able to provide this information, we request that additional subsurface investigation be performed to determine the extent of this

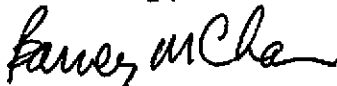
Ms. Caroline Ehrlich
United Parcel Service
8400 Pardee Dr.
StID # 583
November 19, 1996
Page 2.

contamination. In any event, the impact of this contamination to soil and groundwater must be determined. The boring(s) within the contaminated "fill" area must be logged and both soil and groundwater should be analyzed for TPH as diesel, BTEX, TPH as gasoline, Total Oil and Grease, chlorinated solvents, the metals; cadmium, chromium, lead, nickel and zinc and semi-volatiles via EPA Method 8270. Should any of the above contaminants be detected, please determine if a risk assessment is necessary.

Please provide the additional technical information along with a work plan to address the above concerns within 30 days or by December 20, 1996.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, file
Ms. Linda Lyons, UPS, 55 Glenlake Parkway NE, Atlanta, Georgia
30328
Mr. R. Bruce Scheibach, BB&L 7599 Redwood Blvd., Suite 209,
Novato, CA 94945-7701

ssi8400

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

20315

September 12, 1996
StID # 583

Ms. Linda Lyons
United Parcel Service
8400 Pardee Drive
Oakland CA 94621

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

Re: Subsurface Investigation at UPS Oakland Center, 8400 Pardee Drive, Oakland CA 94621

Dear Ms. Lyons:

Our office has received and reviewed the September 6, 1996 report prepared by your consultant, Blasland, Bouck & Lee, Inc. (BBL). This report details additional on and offsite investigation in the southern fuel system at this site. This investigation was meant to determine the extent of the diesel fuel release and to verify the degree of offsite contamination. If conditions of a "low risk groundwater case" were met, case closure could be recommended. Therefore, a number of temporary borings were advanced around the existing diesel fuel system and grab groundwater samples taken for chemical and qualitative analysis. More borings than proposed were able to be taken, however, because of the project budget, not all water samples were analyzed in the laboratory.

The results of this investigation were not conclusive. I have spoken with Mssrs. Gabriel Stivala and Bruce Scheibach of BBL to discuss my concerns. These concerns regard the following items:

- * Free product was encountered in MW-2;
- * Not all groundwater samples (TW-4, TW-5, TW-13, TW-10, TW-11 & TW-13) were analyzed;
- * Elevated diesel was reported in TW-8, an upgradient location relative to the diesel tanks; and
- * Higher than diesel components were found in most of the groundwater samples;

Having discussed these items; we considered what additional work would be necessary to address these concerns and how eventual site closure could be obtained. The following recommendations were proposed:

- * Free product should be removed from MW-2 on a regular basis. Site closure cannot be recommended until concentrations of diesel equilibrate in the monitoring wells.

Ms. Linda Lyons
StID # 583
8400 Pardee Drive
September 12, 1996
Page 2.

* A written description of your consultant's qualitative observations on water samples not analyzed should be given so the extent of the diesel contamination can be better defined.

* The gas chromatogram of all diesel analysis and that of the standard should be provided to further distinguish that which is reported as diesel and that which is from higher boiling components not related to the underground tank. The chromatogram for the diesel analysis of TW-8 should be re-examined to see if this material is truly diesel.

* On a one-time basis, analysis of groundwater or the free product from MW-2 should be done for polynuclear aromatics (PAHs, EPA Method 8100) since these include compounds of concern driving human health risk in diesel release cases.

* Groundwater monitoring and groundwater elevation readings should continue on wells MW-1 through MW-3 on a semi-annual basis to confirm the effectiveness of free product removal and natural bioremediation. Based on the results of monitoring, the site should be revisited on a yearly basis to determine if closure is appropriate.

Please discuss the above items with your consultant and confirm your intentions in writing to our office within 30 days or by October 14, 1996.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: Mr. R. Bruce Scheibach, BBL, Inc., 7599 Redwood Blvd., Suite
209, Novato, CA 94945-7701

G. Coleman, files

2ssi8400

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO# 315

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

May 8, 1996
StID # 583

Ms. Caroline Ehrlich
UPS, Inc.
8400 Pardee Drive
Oakland, CA 94621

**Re: Work Plan for Additional Site Investigation for UPS Facility,
8400 Pardee Drive, Oakland 94621**

Dear Ms. Ehrlich:

Our office has received a copy of the site map indicating the proposed groundwater sampling locations around the southern diesel fuel tanks at the above site. This information was lacking from the March 28, 1996 Blasland, Bouck & Lee (BBL) workplan previously sent to our office. Recall, this additional investigation will be performed in attempt to verify that conditions of a "low risk" groundwater case exist at the site. Then, in accordance with recent Water Board recommendations, the site can be recommended for closure.

The work plan is accepted with the following condition:

Based on the historic groundwater gradient in the southern portion of this site, the location of the "downgradient" Geoprobe boring should be moved westerly approximately 75 feet. In order to determine the limits of dissolved diesel contamination, our office recommends the use of a field test kit to estimate the grab groundwater concentration. Additionally, you are not limited to five borings. If necessary, more borings should be added to define the limits of contamination.

Our office has received questions regarding the source of the diesel contamination in groundwater from Mr. Joseph Como of BBL. The BBL March 28, 1996 work plan states, "This would tend to indicate that the source of the diesel contamination is also from offsite." Apparently, Mr. Como was not aware of the accidental release of diesel fuel to an observation well at the site which occurred on 5/13/93. I faxed him copies of my conversation notes with Mr. Kevin King of UPS and a copy of the Unauthorized Release Report (ULR) submitted by Gary Mitchell of UPS.

Please contact me at least 72 working hours prior to your field work so I may be present if possible.

Ms. Caroline Ehrlich
StID # 583
8400 Pardee Drive
May 8, 1996
Page 2.

I may be reached at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: Mr. J. Como, BBL, 7599 Redwood Blvd., Suite 209, Novato,
CA 94945

G. Coleman, files

wpapUPS

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#315

RAFAT A. SHAHID, DIRECTOR

February 23, 1996
StID # 583

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

Ms. Caroline Ehrlich
United Parcel Service, Inc.
8400 Pardee Drive
Oakland CA 94621

Re: UPS Service Facility, 8400 Pardee Drive, Oakland 94621

Dear Ms. Ehrlich:

This letter recounts our February 22, 1996 telephone conversation where you requested a 30 day extension for the submittal of the previously requested work plan for additional subsurface investigation. This extension is granted. Your new date for work plan submittal is **March 29, 1996**. In addition, you wanted a written environmental status of the north UPS tank area. As was meant to be inferred in my January 29, 1996 letter, **no further work investigation is required in the north part of the site.** Lastly, in our conversation, I mentioned the current Water Board recommendations in regards to handling petroleum fuel releases. Enclosed, please find information in this regard.

Please contact me at (510) 567-6765 should you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosure

c: Ed Crump, Geraghty & Miller, 1050 Marina Way South, Richmond,
CA, 94804

G. Coleman, files

wpext8400

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#315

RAFAT A. SHAHID, Assistant Agency Director

January 29, 1996
StID # 583

Ms. Caroline Ehrlich
United Parcel Service, Inc.
8400 Pardee Drive
Oakland CA 94621

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

**Re: Request for Work Plan for Additional Site Investigation for
UPS Service Facility, 8400 Pardee Drive, Oakland 94621**

Dear Ms. Ehrlich:

Our office has received and reviewed the January 23, 1996 groundwater monitoring report for the above site as prepared by Geraghty and Miller, your consultant. Based on these results, it appears that you may stop groundwater monitoring in MW-7. However, additional work is necessary for the southern part of this site. This area appears to have a significant release of diesel fuel to groundwater which has impacted a yet undefined area. The release is assumed to have originated from the prior accidental deposit of diesel fuel into an observation well next to the tank pit.

Through discussion with your consultant, he has recommended establishing the "containment zone policy" for this site. This policy recognizes that petroleum fuel releases are usually limited in areal extent and tend to naturally biodegrade over time. These sites are generally of "low risk" and should just be monitored to verify this theory. In order for your site to be a "Low Risk Groundwater Case" the following conditions must exist:

- 1) The leak has been stopped and ongoing sources, including free product, have been removed or remediated.
- 2) The site has been adequately characterized.
- 3) The dissolved hydrocarbon plume is not migrating.
- 4) No water well, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.
- 5) The site presents no significant risk to human health.
- 6) The site presents no significant risk to the environment.

Ms. Caroline Ehrlich
StID # 583
8400 Pardee Drive
January 29, 1996
Page 2

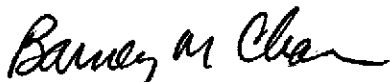
Upon examination of the above requirements, items #2 and 3 still need to be done. You will thus need to define the extent of groundwater contamination both on and offsite. This may be done by the installation of additional monitoring well(s) and/or the advancement of temporary borings/wells. Because offsite access will be required, you should initiate communication with the owner of the neighboring property, the Port of Oakland, to determine their access requirements. Your proposal should reflect the ability to install temporary versus permanent monitoring borings/wells.

Secondly, the levels of diesel being found in the wells on the southern part of this site do not appear to be attenuating nor reaching equilibrium. Therefore, our office requests that some type of remediation be done to achieve this. This may be done by either enhancing the existing bioremediation conditions or by some type active approach such as extraction and groundwater treatment.

Please submit an appropriate work plan to our office within 30 days or by February 29, 1996.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

c: Ed Crump, Geraghty & Miller, 1050 Marina Way South, Richmond,
CA, 94804
G. Coleman, files

addwp8400

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

R0315

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 18, 1994
StID # 583

DEPARTMENT OF ENVIRONMENTAL HEALTH

Mr. Paul Ahlin
UPS, Inc.
8400 Pardee Drive
Oakland CA 94621

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

**Re: Subsurface Investigation at UPS, 8400 Pardee Dr.,
Oakland CA 94621**

Dear Mr. Ahlin:

This letter serves to recount our conversation yesterday regarding the status of your subsurface investigation at the above site. You inquired about the need to sample all wells and about what additional work may be required. After review of the previous monitoring well data, I agreed to discontinue the sampling and analysis of water samples from monitoring wells, MW-4, MW-5 and MW-6. You should, however, continue to take groundwater elevation readings in these wells. You were also requested to add the parameter, total oil and grease via Method 5520 E&F to those already being run on monitoring well MW-7, the well adjacent to the former waste oil tank.

We also discussed your desire to close the observation wells on the south side of your site. This was agreeable except for the well detecting free product, OW-1. I stressed the need to remove free product and requested that you discuss viable remediation methods for this area. Groundwater pumping was brought up as a potential option. Lastly, I requested a copy of the report detailing the installation of MW-7.

Please incorporate the above items into your future monitoring schedule and comment on your plans to initiate remediation. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: Mr. E. Crump, Geraghty and Miller, 1050 Marina Way South,
Richmond, CA 94804

E. Howell, files
3-8400

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARY Agency Health



R0315

December 28, 1993

CERTIFIED MAILER #: P 422 218 193

United Parcel Oakland Hub
8400 Pardee Dr.
Oakland, 94621
UGTID: 583

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
8400 Pardee Dr. Oakland, 94621**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- ___ 1. An accurate and complete plot plan.
- ___ 2. A written spill response plan. (enclosed)
- ___ 3. A written tank monitoring plan. (enclosed)
- ___ 4. Results of precision tank test(s), (initial and annual).
- ___ 5. Results of precision pipeline leak detector tests (initial and annual).
- ___ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- ___ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- ___ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- ___ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

PAUL SMITH
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0315

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 27, 1993
StID # 583

Mr. Gary Mitchell
UPS
8400 Pardee Dr.
Oakland CA 94621

**Re: Comment on July 13, 1993 Quarterly Monitoring Report for UPS
8400 Pardee Dr., Oakland CA 94621**

Dear Mr. Mitchell:

Upon review of the above referenced groundwater monitoring report prepared by Geraghty and Miller, our office has the following comments and concerns:

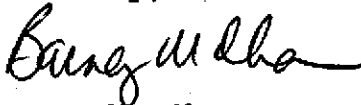
1. It is apparent that there has been considerable diesel fuel release on the southern side of this site. Not only do the monitoring wells contain elevated levels of dissolved diesel, but observation well, OW-1, contained 0.05 feet of floating product. Because of the consistent southerly groundwater gradient, diesel fuel contamination is likely moving offsite, beyond your property. In order to determine the extent of the diesel plume, you are requested to install at least one offsite well downgradient to the diesel tank complex. Because both your site and the adjacent site are owned by the Port of Oakland, I do not anticipate any complications with additional well installation. Please provide a map indicating the proposed location of your offsite well in your next groundwater monitoring report.
2. You are also requested to continue bailing groundwater from OW-1 on a weekly basis until which time no further sheen is observed during your quarterly monitoring event. Our office has no objections for the removal and closure of the other observation wells as long as no sheen or floating products exist in them. Your consultant should verify this prior to their destruction. Please verify that all wells and observation wells are supplied with locking well caps.
3. Please incorporate MW-7, the assumed downgradient well to the former waste oil tank, in all future monitoring events.
4. You are reminded to verify the construction of monitoring well, MW-6. This was previously requested in my May 11, 1993 letter as point 4. This may be done by asking the Alameda County Flood Control and Water Conservation District for records of this well's installation. Their phone number is (510) 484-2600.

Mr. Gary Mitchell
8400 Pardee Dr.
StID # 583
July 27, 1993
Page 2.

Please address the above items either in a separate letter or in your next quarterly monitoring report, which is due at the end of September or early October.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
D. Serena, Geraghty and Miller, 1050 Marina Way South,
Richmond, CA 94804
E. Howell, files

4-8400Pardee

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0315

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

July 19, 1993
stID # 583

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

Mr. Gary Mitchell
UPS
8400 Pardee Drive
Oakland CA 94621

**Re: Comment on July 14, 1993 Work Plan for Assessment of Waste
Oil Tank at UPS, 8400 Pardee Dr., Oakland 94621**

Dear Mr. Mitchell;

Our office has received both the fax and original hard copy of the above referenced work plan detailing the further investigation of the waste oil fill line. Recall that the soil sample beneath the waste oil fill line from within the tank pit exhibited high concentrations of oil and grease. This result required the further investigation of the area. AquaGeosciences (AGS) initially proposed the removal of the fill line. Upon initiation of this work, the appearance of additional utility lines prevented further excavation. After speaking with Mr. Joel Pomerene of AGS the actions in the July 14, 1993 work plan were agreed to. These actions include the installing of three borings; one within the fill port and one on both sides of the fill line. The samples would be run for Total Oil and Grease, Method 5520 E and F. In the event of detectable TOG, additional waste oil parameters would be run. The only other condition required, not mentioned in this work plan, is that the piping line must be grouted and capped. Mr. Pomerene agreed with this condition. Please contact me prior to the soil sampling so I may witness this activity.

You may contact me at (510) 271-4350 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: J. Pomerene, AquaGeosciences, Inc., 1701 Westwind Drive,
Suite 101, Bakersfield, CA 93301
E. Howell, files

wpap-8400

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0315

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 2, 1993
StID # 583

Mr. Gary Mitchell
UPS
8400 Pardee Dr.
Oakland CA 94621

**Re: Comment on Plan to Install a Monitoring Well at UPS,
8400 Pardee Dr., Oakland CA 94621**

Dear Mr. Mitchell:

This letter recounts my July 1, 1993 conversation with Mr. Joel Pomerane of AquaGeosciences, Inc. This conversation occurred after my review of a faxed document from him showing the limits of the overexcavation of the waste oil remote fill line, the location of the proposed monitoring well and a diagram of the monitoring well. One point, which I mentioned to Mr. Pomerane, was that a minimum of a 3 feet surface seal will be required in the monitoring well. With this condition, the proposal is acceptable and may proceed.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,


Barney M. Chan
Hazardous Materials Specialist

cc: J. Pomerane, AquaGeosciences, 1701 Westwind Dr. Suite 103,
Bakersfield, CA 93301
E. Howell, files

3wp8400

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0315

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 16, 1993
StID # 583

Mr. Gary Mitchell
UPS
8400 Pardee Dr.
Oakland CA 94621

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: Comment on June 1, 1993 UST Closure Report for UPS at 8400
Pardee Dr., Oakland CA 94621**

Dear Mr. Mitchell:

Our office has received and reviewed the above referenced report from AquaGeosciences, Inc. detailing the results of soil and groundwater samples from the underground tank removals performed on April 29, 1993 at the above site. Our office agrees with the report that it appears that only the waste oil tank excavation appears to have experienced a release and not the fresh bulk oil tank.

As part of your contractor's conclusions at the end of this report, they recommend the excavation of the remote fill line and taking a soil sample from the excavated soils. I spoke with Mr. Pomerene of AquaGeosciences and we agreed that a minimum of one confirmatory soil sample from the pipeline excavation would be collected for analysis of waste oil parameters. As long as you intend to dispose of the excavated soils, your sampling and analysis requirements will be dictated by your TSD facility.

It was also clarified that the groundwater gradient from the other three wells on the north side of the site would be used to locate the well downgradient to the former waste oil tank. Prior to the installation of this well please provide a map showing its location and a construction diagram for this well. You are also requested to contact our office 48 working hours prior to soil sampling and monitoring well installation so I may witness these activities if possible.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,

Barney M. Chan

cc: J. Pomerene, AquaGeosciences, Inc., 1701 Westwind Dr., Ste 101
Bakersfield, CA 93301
D. Schoenholz, Port of Oakland, 530 Water St., Oakland 94607
E. Howell, files 3-8400Pardee

Mr. Gary Mitchell
8400 Pardee Dr.
StID # 583
May 17, 1993
Page 2.

from this well in order to determine the effectiveness of the free product and groundwater removal from this well. In addition, prior to agreeing to the closure of any wells, it is necessary to show that the well is not necessary for remediation or groundwater elevation readings.

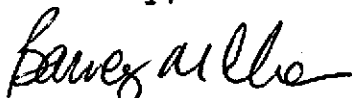
6. Lastly, as mentioned in item 4 of the May 7 letter, you should provide a work plan to investigate the extent of groundwater contamination from the waste oil tank. The preliminary soil results indicate high oil contamination under the piping from the remote fill. You will need to determine the extent of such contamination and consider the excavation and removal of the remote fill piping.

Please provide written comment and the requested documents within the deadline given in my May 7 letter ie by **June 23, 1993**.

Enclosed please find copies of the field notes taken during the recent underground tank removals by E. Chu of this office.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Material Specialist

enclosure (Mr. Mitchell)

cc: G. Jensen, Alameda County District Attorney Office
R. Hiatt, RWQCB
D. Schoenholz, Port of Oakland, 530 Water St., Oakland 94607
E. Howell, files
2-8400Pardee

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



R0315

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 11, 1993
StID # 583

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

Mr. Gary Mitchell
UPS
8400 Pardee Dr.
Oakland CA 94621

**Re: Clarification of Status of Subsurface Investigation at UPS,
8400 Pardee Dr., Oakland CA 94621**

Dear Mr. Mitchell:

This letter serves to clarify our office's request for documents, previously outlined in my May 7, 1993 letter. Upon review of this site, it appears that three separate locations have experienced some release of petroleum hydrocarbons; those being on the south side diesel tanks and on the north side along the diesel and gasoline product lines and within the former waste oil pit. My May 7, 1993 letter requested a number of documents, some of which you recently provided, therefore, I would like to update our office's current needs.

1. Thank you for submitting the unauthorized release forms for the recent waste oil tank and diesel fuel releases plus Forms A and B for the removal of the oil tanks. This takes care of items 2 and 3 of the May 7 letter.

2. I'd like to clarify my request for technical reports, item 1 of the May 7 letter. Thank you for submitting the October 31, 1990 Geraghty and Miller report. From this report, it appears our office is still missing Geraghty and Miller reports dated May 7, 1990, June 28, 1990 and September 14, 1990. Our office still requires all groundwater monitoring reports beyond the initial well installation and sampling report (Oct. 31, 1990).

3. Please reinstate quarterly monitoring of monitoring wells, MW1- MW-6 immediately.

4. Please verify the construction of monitoring well MW-6. Recall this well was "found" while installing wells MW-4 and MW-5 on the north side of the site. Since MW-6 is being used for groundwater sampling and gradient determination, it is critical that its construction is comparable to MW-4 and MW-5.

5. Please indicate the locations of all additional wells beyond MW-1 through MW-6. In particular, please note the location of the well in which diesel free product was recently discovered. As previously mentioned, you should include groundwater sampling

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0315

May 7, 1993
StID # 583

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

Mr. Gary Mitchell
UPS
8400 Pardee Dr.
Oakland CA 94621

Re: **Status of Underground Tank Removals/Investigation at UPS,
8400 Pardee Dr., Oakland CA 94621**

Dear Mr. Mitchell:

As you are aware, the oversight of the remediation/investigation of petroleum fuel releases from underground tanks for the above site has been transferred to the Local Oversight Program (LOP) section of Alameda County Environmental Health, Hazardous Materials Division. Your contact is the undersigned, Hazardous Materials Specialist. Our most recent investigation deals with the removal of two underground tanks which formerly held waste oil and fresh oil on the north side of the property. Although no analytical results have been obtained as yet, it was obvious from the appearance of the tank and tank pit that there had been some release of waste oil. The status of the fresh oil tank remains unknown since no obvious release was noticed. After source removal of contaminated soil is done, to all extent possible, a groundwater investigation will be required to determine the extent of any groundwater contamination.

Upon review of the files on this site, it appears there have been other documented fuel releases. In January 1990, our office received results from backfill soil samples taken during a piping modification being performed on the diesel and gasoline tanks, also on the north side of the property. Geraghty & Miller provided our office with a workplan to remove the contaminated backfill and install three groundwater monitoring wells. I assume all this work has been done and documented through reports. Please be aware that UPS is required to sample the wells installed on a quarterly basis, at a minimum, and send copies of the sampling report to our office and to that of the Regional Water Quality Control Board (RWQCB) to the attention of Mr. Rich Hiett. Their address is 2101 Webster St., Fourth Floor, Oakland CA 94612.

Our office also has groundwater sample results taken during the installation of the three diesel tanks on the south side of the property. These samples were taken on 6/14/90 by Mr. Pat McShane of Diablo Tank & Marine. These results indicate up to 250 parts per million (mg/l) diesel and detectable BTEX in one water sample. The chain of custody document describes these samples as

Mr. Gary Mitchell
UPS, 8400 Pardee Dr.
StID # 583
May 7, 1993
Page 2.

South Island and North Island. If these results were from "grab" water samples then according to our office's guidance documents, a groundwater investigation would be required in this area. This means that a minimum of one monitoring well should be installed in the verified downgradient location relative to these samples. Please clarify these observations and provide a work plan to determine the extent of groundwater impact in this area.

In summary, our office is requesting the following documents:

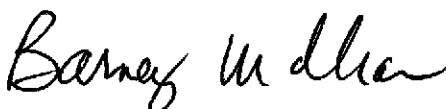
1. Please provide the monitoring well installation report for the three wells installed on the north side of the site. Please provide all groundwater monitoring reports for samplings taken subsequent to the initial well installations.
2. Please complete the enclosed Underground Storage Tank Unauthorized Release (Leak) Report. I have enclosed three of these forms so that you may document all potential releases from this site. Note, the completion of these forms is required by Title 23, California Code of Regulations. Please return the completed forms **within 10 days of receipt.**
3. Please complete the Forms A and B (1 A and two B) which were given to you by Ms. Eva Chu of this office and return them along with the Leak Reports. These forms are required by the State, in order to correct the number of tanks registered to this site and correct their billing for underground tanks.
4. Please provide a work plan to determine the extent of groundwater contamination around the waste oil tank and around the diesel tanks on the south side of the property. This assumes no contamination is found from the fresh oil tank. Unless previously stated, you should provide the requested documents to our office **within 45 days of receipt of this letter.**

You should be aware that this is a formal request for technical reports pursuant to the California Water Code Section 13267 (b). Failure to submit the requested documents may subject UPS to civil liabilities. In addition, Section 25299 (5) allows for the civil penalty of not less than \$500 or more than \$5000 for each tank for each day which is improperly closed. Recall that proper closure requires that a responsible party demonstrate to the local implementing agency that appropriate corrective measures have been taken if there have been any documented releases.

Mr. Gary Mitchell
UPS, 8400 Pardee Dr.
StID # 583
May 7, 1993
Page 3.

You may contact me at (510) 271-4530 should you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

enclosures (Mr. Mitchell)

cc: G. Jensen, Alameda County District Attorney Office
R. Hiett, RWQCB
D. Schoenholz, Port of Oakland, 530 Water St., Oakland 94607
E. Howell, files

WP8400Pardee

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0315

November 1, 1990

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

Mr. Donald Code
UPS East Bay District
8400 Pardee Drive
Oakland, CA 94621

Re: Underground Tank Operating Permit

Dear Mr. Code:

Enclosed please find the 5-year operating permit for the three diesel fuel tanks on the south side of the UPS property. You are reminded that "daily" sticking is defined as at least 5 days/week. We have received a letter from Diablo Tank Equipment stating their reasons why the manifold line connecting two of these tanks was not doubly contained and it satisfies our concerns.

Please contact the undersigned at 271-4320 should you have any questions concerning this letter.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: Edgar B. Howell III, Chief Hazardous Materials Division
Patrick McShane, Diablo Tank and Equipment

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0315

September 19, 1990

Roger Daigger
United Parcel Service
8400 Pardee Dr.
Oakland, CA 94621

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

Re: Waste Minimization Assessment

Dear Roger Daigger:

Your business has been selected to receive a hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County.

We have chosen businesses in the auto repair industry to receive the first round of waste minimization assessments. It is our hope that these assessments will assist participating businesses in minimizing their hazardous wastes - and will give us further information on the best way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you during the week of September 24 to arrange a meeting with you for an assessment of your business. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on waste reduction technology and assist you in setting up appropriate hazardous waste minimization practices.

We look forward to working with you in reducing the amount of hazardous waste your business generates. Of course, your comments and suggestions are encouraged; we need your input in order to best serve you! Please direct any comments and questions to Katherine Chesick at 415/271-4320.

Sincerely,

A handwritten signature in black ink that reads "Edgar B. Howell". The signature is written in a cursive style with a long horizontal line extending to the right.

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



R0315

Telephone Number: (415) 271-4320

Certified Mail #P 062 127 794

January 23, 1990

Mr. Thomas Moretti
UPS East Bay District
8400 Pardee Drive
Oakland, CA 94621

Subject: Unauthorized Release
Failed Full System Precision Test, Removal of Product Piping
UPS Maintenance Facility
Oakland, CA

Dear Mr. Moretti:

Thank you for submitting the results for analysis of subsurface soil and ground water samples taken in response to the underground product pipe removals from the above shown facility. Because of the degree of contamination found, this facility is considered to have experienced a confirmed release of petroleum hydrocarbons that has impacted subsurface soil and ground water. The extent of this contamination must be assessed and remediated.

Our office will be the lead agency overseeing both the soil and groundwater remediation of this site. The Regional Water Quality Control Board (RWQCB) is currently unable to oversee the large number of contamination cases within Alameda County and has delegated the handling of this case to our Division. We will be in contact with the RWQCB in order to provide you with guidance concerning the RWQCB's remediation requirements. However, please be aware that you are responsible for diligent actions to protect waters of the State.

To complete contaminant assessment and begin remediation, we require that you submit a work plan which, at a minimum, addresses the items listed below and presents a timetable for their completion. Please submit this workplan within 30 days of the date of this letter.

UPS
January 23, 1990
Page 2

I. Introduction

- A. Statement of scope of work
- B. Site map showing location of existing and past underground storage tanks and piping.
Site History
 - provide historical site use and ownership information. Include a description of types and locations of hazardous materials used on site.

II. Site Description

- A. Vicinity description including hydrogeologic setting
- B. Initial soil contamination and excavation results
 - provide sampling procedures used
 - indicate depth to ground water
 - describe soil strata encountered
 - provide soil sampling results, chain of custody forms, identity of sampler
 - describe methods for storing and disposal of all soils

III. Plan for determining extent of soil contamination on site

- A. Describe approach to determine extent of lateral and vertical contamination
 - identify subcontractors, if any
 - identify methods or techniques used for analysis
 - provide sampling map showing all lines of excavation and sampling points
 - if a step out procedure is used, define action level for determination of "clean" isopleth
 - provide chain of custody forms, lab analysis results, all receipts and manifests, & identity of sampler
- B. Describe method and criteria for screening clean versus contaminated soil. If onsite soil aeration/bioremediation is to be utilized, then provide a complete description of method that includes:
 - volume and rate of aeration/turning
 - method of containment and cover
 - wet weather contingency plans
 - permits obtained
- C. Describe security measures

UPS
January 23, 1990
Page 3

IV. Plan for determining ground water contamination

- Construction and placement of wells should adhere to the requirements of the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks". Provide a description of placement and rationale for the location of monitoring wells including a map to scale.
- The placement and number of wells must be able to determine the extent and magnitude of the free product and dissolved product plumes.

A. Drilling method for construction of monitoring wells

- expected depth and diameter of monitoring wells
- date of expected drilling
- casing type, diameter, screen interval, and pack and slot sizing techniques
- depth and type of seal
- development method and criteria for adequacy of development
- plans for cuttings and development water

B. Ground water sampling plan

- method for free product measurement, observation of sheen
- well purging procedures
- sample collection procedures
- chain of custody procedures
- procedures for determining ground water gradient

D. Sampling schedule

- measure free product weekly for first month following well installation
- measure free product and dissolved constituents monthly for first three months.
- after first three months monitor quarterly.
- monitoring must occur a minimum of one year.

V. Provide a site safety plan

UPS
January 23, 1990
Page 4

VI Development of a remediation Plan.

- A. The remediation plan is to include a time schedule for remediation, and, at minimum, must address the following issues:
- removal of all free product if present. Manual bailing is not acceptable as a recovery system. Actual amount of free product removed must be monitored and tabulated.
 - remediation of contaminated soils and dissolved constituents must follow RWQCB's resolution No. 68-16.
 - soils containing 1,000+ ppm of hydrocarbons must be remediated. Soils containing between 100 and 1,000 ppm must be remediated unless sufficient evidence is provided which indicates no adverse effects on groundwater will occur. Clean up of soils to 100 ppm is strongly recommended.
 - design of remedial action system should be based on a review of hydrogeologic and water quality data and on an evaluation of mitigation alternatives. The determination of probable capture zone(s) of extraction system(s) should be based on aquifer characteristics as determined by aquifer test data

VII Reporting

- A. Technical reports should be submitted with a cover letter from UPS. The letter must be signed by a an authorized representative.
- B. Monthly reports must be submitted for the next three months with the first report due 90 days from the above letter date.
- C. Quarterly reports must be submitted with the first report due 90 days after the final monthly report. These reports should describe the status of the investigation and cleanup.
- D. All reports and proposals must be signed by a California-Certified Engineering Geologist, California Registered Geologist or a California-Registered Civil Engineer (see page 2, 2 June 1988 RWQCB document). A statement of qualifications should be included in

UPS
January 23, 1990
Page 5

all reports. Initial soil sampling does not require such expertise; however, borehole and monitoring well installation and logging, and impact assessments do require such a professional.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and RWQCB. You should be aware that this Division is working in conjunction with the RWQCB and that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response may result in referral of this case to the RWQCB for enforcement and may subject UPS to civil liabilities imposed by the RWQCB to a maximum amount of \$1,000 per day. Any extensions of agreed upon time deadlines must be confirmed in writing by either this Division or the RWQCB.

Should you have any questions concerning the contents of this letter or the status of this case please feel free to contact me.

Sincerely,



Ariu Levi, Senior Hazardous Materials Specialist
Alameda County Hazardous Materials Program

cc: Gil Jensen, Alameda County District Attorney, Consumer &
Environmental Protection
Rafat Shahid, Assistant Agency Director
Ed Howell, Chief HazMat Unit
Lester Feldman, SFRWQCB
Howard Hatayama, DOHS
Inspector Halyard, OPD
Juan Bernal, La Sha Inc.
Files