



State Water Resources Control Board

Division of Financial Assistance

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Winston H. Hickox
Secretary for
Environmental

Protection *The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.*



Gray Davis
Governor

MAY 15 2003

United Parcel Service
Linda Lyons
55 Glenlake Pkwy Ne
Atlanta, GA 30328

Alameda County
MAY 21 2003
Environmental Health

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 001732, FOR
SITE ADDRESS: 8400 PARDEE DR, OAKLAND

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$50,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **You are encouraged to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

"Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.

"Bid Summary Sheet" to list information on bids received which **must be completed and returned.**

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

California Environmental Protection Agency



"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**

"Notice of Change of Address" form if needed.

5002 21 YAN

THIS IS IMPORTANT TO YOU, PLEASE NOTE:

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Toru Okamoto at (916) 341-5649.

Sincerely,



Allan V. Patton, Manager
Underground Storage Tank Cleanup Fund

Enclosures

Lustis Case #: 01-1017

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

November 20, 2000

StID # 583

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

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

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



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:

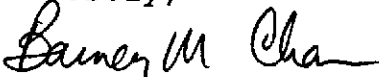
- * closure of the monitoring wells on the north side of the facility,
- * installation of up to eight direct push borings upgradient of the southern fuel tank system, and
- * continued use of ORC socks in the three monitoring wells and the piezometer, OW-1. After approximately six months, the three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

583

BBL

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Transmitted Via U.S. Mail

December 4, 1996

Mr. Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: ORC and Historic Photograph Review
United Parcel Service
Oakland Center
8400 Pardee Drive
Oakland, CA
Project #: 36768.01

Dear Mr. Chan:

In your November 19, 1996, letter to Ms. Caroline Ehrlich, of United Parcel Service (UPS), you approved the use of ORC in the existing piezometer (OW-1) and three monitoring wells (MW-1, MW-2, and MW-3). It also appears that there is a misunderstanding related to the piezometer at the site. A piezometer exists at the southern fueling location and it is believed to be completed in the backfill material used when the underground storage tanks were upgraded (Figure 1). This is the piezometer proposed for introduction of ORC. A new piezometer was not proposed for installation.

An aerial photograph survey of the area was performed by Blasland, Bouck & Lee, Inc. (BBL) at Pacific Aerial Surveys office in Oakland, California. The inspection of historical photos from 1937 to 1994 revealed that the prior to 1968, UPS Oakland Center property was a tidal marsh. The area was backfilled and graded by 1968, however no structures were observed until 1975, when the current UPS building was constructed. The following are notes recorded during BBL's historical photo review.

- | | |
|----------------|---|
| June 11, 1937 | The site and immediate vicinity consist of a tidal marsh, with the Oakland International Airport visible to the west. |
| April 14, 1950 | No changes to the property are observed. The site and adjacent property consists of a tidal marsh. |
| July 3, 1959 | The property is unchanged, however warehouses exist to the southeast at 101, 102, and 265 Hegenberger Road. |
| July 2, 1968 | The property has been backfilled and graded, but no structures appear on the property. |

- May 19, 1971 No changes to the property from the 1968 photograph.
- May 19, 1975 The UPS building is visible on the property, however it appears to be inactive as there are no vehicles on the paved areas surrounding the building. The southern fueling island is not visible.
- March 9, 1976 The UPS facility appears to be in operation, with several tractor trailers parked on the paved areas around the building. The southern fueling island is not visible.
- May 15, 1985 The southern fueling island is now visible.
- November 29, 1994 The property remains unchanged since 1985.

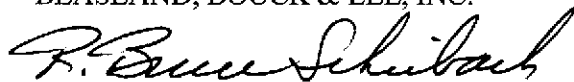
The aerial photographs reviewed show that the UPS center has been the only occupant of the property since it was developed. The southern fueling system was constructed sometime after 1976, and no other fueling system was observed in the area in question. This additional historical information presented continues to support BBL's contention that the heavier hydrocarbons detected are related to the fill material used to bring the property to the existing grade and not to UPS southern fueling system.

BBL plans to install the ORC in the existing wells and piezometer located at the southern fueling system during December. The next ground-water sampling event would then be scheduled to take place in June 1997.

If you have any questions regarding this information please feel free to contact me at (415) 898-7208.

Very truly yours,

BLASLAND, BOUCK & LEE, INC.



R. Bruce Scheibach, R.G. C.H.
Associate Hydrogeologist

cc: Ms. Linda Lyons, UPS
Ms. Caroline Ehrlich, UPS

92961001.d

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

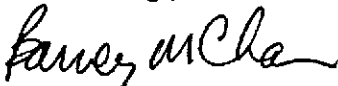
Ms. Caroline Ehrlich
United Parcel Service
8400 Pardee Dr.
StID # 583
November 19, 1996
Page 2.

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

BBL

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

ENVIRONMENTAL
PROTECTION
96 NOV 19 AM 9:06

583

Transmitted Via US Mail

November 15, 1996

Mr. Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Subsurface Investigation Report
United Parcel Service
8400 Pardee Drive
Oakland, CA

Project #: 36768.01

Dear Mr. Chan:

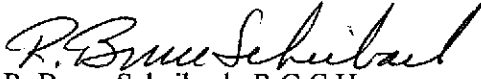
On October 17, 1996, you contacted me to discuss the BBL's October 14, 1996, response to your letter dated September 12, 1996, indicating the need to address several items prior to granting case closure for the UPS southern fueling system. During our conversation we discussed BBL's recent report that provided data supporting the belief that the source of hydrocarbons detected at the southern fueling system is the imported fill material brought to the site in the late 1960s. BBL's investigation also provided data indicating that the hydrocarbons present were typically heavier than diesel and such that they were found more than 100 feet hydraulically upgradient of the fueling system. Considering diesel plumes do not migrate far from a source and the ground water gradient measured has not shown a change in flow direction during the five years of monitoring, the hydrocarbons detected upgradient could not have come from the southern fueling system.

In an attempt to reach a means of allowing the site to be closed as a low risk ground water case, BBL proposes to install an oxygen releasing compound (ORC) manufactured by REGENESIS, Bioremediation Products, in the three monitoring wells and one piezometer adjacent to the southern fueling system to promote natural degradation. The ORC will be removed after six months and ground water sampling will take place to assess if residual hydrocarbons remain. Laboratory results will be transmitted to your attention and assuming concentrations decreased significantly, BBL will request that the site be considered for closure as a low risk ground water case.

If you have any questions regarding this approach please feel free to contact me at (415) 898-7208.

Very truly yours,

BLASLAND, BOUCK & LEE, INC.


R. Bruce Scheibach, R.G.C.H.
Associate Hydrogeologist

cc: Ms. Linda Lyons, UPS
Ms. Caroline Ehrlich, UPS

69061001.D

white - env. health
 yellow - facility
 pink - files

ALAMEDA COUNTY, DEPARTMENT OF
ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
 Alameda CA 94502
 510/567-6700

II, III

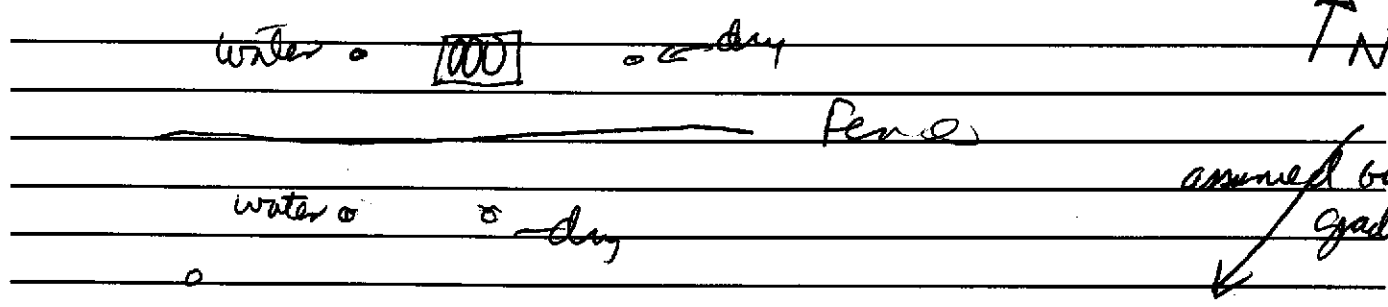
Site ID # _____ Site Name UPS Today's Date 6/12/96
 Site Address 8100 Pardee
 City Oak Zip 94629 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
Inspection Categories:
 ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 ____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 ____ III. Under ground Storage Tanks


* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Onsite to witness geophone being for grab GW
 samples. Balloway to Earl - GW investigator
 B&B - Consultants
 Gregg, Milling - Contractor J. Coms, Babe Svola
 U.S. rep. Linda Lynn present to observe
 water.



3 of the MWs encountered water and were sampled.
 The other 2 were dry + will be left overnight to see if
 water comes in.

Contact Linda M. Lyons
 Title Environmental Corporate Plant Engineering
 Signature  United Parcel Service
 55 Glenlake Parkway, NE
 Atlanta, GA 30328
 Phone: (404) 828-6766
 Fax: (404) 828-6347
 Inspector B. Chan
 Supervisor B. Chan

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

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

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



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

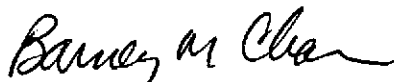
Upon examination of the above requirements, items #2 and 3 still need to be done. You will thus need to define the extent of groundwater contamination both on and offsite. This may be done by the installation of additional monitoring well(s) and/or the advancement of temporary borings/wells. Because 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
MP
G. Coleman, files

addwp8400

Status of UPS site, 8400 Pardee Dr., Oakland 94621

Concerns:

There has been a diesel fuel release within an area of "background" diesel and high boilers release. It is difficult to distinguish the two releases since they may overlap.

Downgradient of the UST complex (3 diesel tanks), temporary wells detected low levels of TPHd; 130 ppb in TW-7 and 330 ppb in TW-4.

Upgradient of the tank complex has not defined the extent of free product or sheen. The contamination upgradient resembles weathered diesel when compared to chromatograms of standard diesel or aged diesel.

Initial results of the introduction of ORC into the wells and OW-1 have not shown an improvement in TPHd concentration.

Looks like there are at least two sources of diesel/ high boilers contamination; TPHd close to the tanks and upgradient of the tanks, perhaps from historic site backfill, mosquito abatement etc.

Low levels of PNAs were detected in MW-2, at levels not expected to be a health concern.

High conductivity in groundwater samples at this site indicate that shallow groundwater is not suitable as a drinking water source.

Questions:

Is there a need to determine the extent of contamination regardless of source?

Is it reasonable to continue the existing or enhance the ORC addition to encourage natural bioremediation?

Is there a need to remove source?

Is there a need to show a trend of attenuation?

Can the site be closed with a deed notice, deed restriction or site management plan with appropriate H&S plan.

statUPS

Recd 12/14/95
BC

~~RD 311~~
311

FIESTA BEVERAGES
7402 Hillview Ct.
Pleasanton, CA. 94588
510-846-6140

Mr. Barney Chan
Alameda County Health Services
1131 Harbor Bay Parkway
Suite 250
Alameda, CA. 94502-6577

Dear Mr. Chan:

This letter is in response to your letter of November 9, 1995 StID #4241 for Fiesta Beverages. The reason for our lack of promptness of our reports has been a financial one. The building in question has been empty for the better part of three years. Thus we have had no income but still had our insurance and property taxes during this period. It appears that I may have located a tenant starting January 1st or February 1st and I will be able to confirm this in about a week.

Regarding the samplings, I have sent out for three bids and have received two back. One is and probably will remain the low bid and is from an employee that left Tank Protect Engineering and is now working with ALL CAL PROPERTY SERVICES. I will issue a contract to do the quarterly testing later next week. Please advise me if you have any problems with John Mrakovich, Ph.D., Registered Geologist and AllCal Property Services doing the testing.

Thank you for your patience.

Very truly yours,



W. Ted Walbey *lw*

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 18, 1994
StID # 583

DEPARTMENT OF ENVIRONMENTAL HEALTH

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

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

**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,

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

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. KEARS, Agency Director



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:

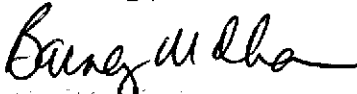
1. It is apparent that there has been considerable diesel fuel release on the southern side of this site. Not only do the monitoring wells contain elevated levels of dissolved diesel, but observation well, OW-1, contained 0.05 feet of floating product. Because of the consistent southerly groundwater 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

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

STATE OF CALIFORNIA
ENVIRONMENTAL AFFAIRS AGENCY
CHEMICAL LIST OF LISTS - BY CHEMICAL NAME

CHEMICAL NAME	CAS NUMBER	A	B	C	D	E	F	G	H	I	J	K	L
BETA-PROPIOLACTONE	57-57-8	A			D	E		G				K	
BETEL QUID WITH TOBACCO								G				K	
BICYCLO[2.2.1]HEPTANE-2-CARBONITRILE, 5-CHLORO-6- (((METHYLAMINO)CARBONYLOXY)IMINO)-, 1S-(1-ALPHA+	15271-41-7					E							
BIPHENYL	92-52-4				D								
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108-60-1				D								
BIS(2-CHLOROETHOXY) METHANE	111-91-1		B	C									
BIS(2-CHLOROETHYL) ETHER	111-44-4		B	C	D	E		G				K	L
BIS(2-CHLOROISOPROPYL) ETHER	39638-32-9		B	C									
BIS(2-ETHYLHEXYL) ADIPATE	103-23-1				D								
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7		B	C	D		F	G		I		K	
BIS(CHLOROMETHYL) ETHER	542-88-1	A			D	E		G				K	
BIS(CHLOROMETHYL) KETONE	534-07-6					E							
BISCHLOROETHYL NITROSOUREA (BCNU)	154-93-8							G				K	
BITOSCANATE	4044-65-9					E							
BITUMENS, EXTRACTS OF STEAM-REFINED AND AIR-REFINED BITUMENS								G				K	
BLEOMYCINS								G					
BOLERO (THIOBENCARB)	28249-77-6						F						
BORON TRICHLORIDE	10294-34-5					E							
BORON TRIFLUORIDE	7637-07-2					E							
BORON TRIFLUORIDE COMPOUND WITH METHYL ETHER (1:1)	353-42-4					E							
BRACKEN FERN												K	
BROMACIL	314-40-9			C									
BROMADIOLONE	28772-56-7					E							
BROMINE	7726-95-6					E		G					
BROMINE PENTAFLUORIDE	7789-30-2												L
BROMINE TRIFLUORIDE	7787-71-5												L
BROMINE-CONTAINING INORGANIC COMPOUNDS								G					L
BROMOACETONE	598-31-2												
BROMODICHLOROMETHANE	75-27-4												
BROMOFORM	75-25-2												
BROMOMETHANE	74-83-9												
BSULFAN	55-98-1												
BUTYL ACRYLATE	141-32-2												
BUTYL BENZYL PHTHALATE	85-68-7		B	C	D								
BUTYLATED HYDROXYANISOLE (BHA)	25013-16-5							G				K	
BUTYRALDEHYDE	123-72-8					D							
C.I. ACID GREEN 3	4680-78-8					D							
C.I. BASIC GREEN 4	569-64-2					D							
C.I. BASIC RED 1	989-38-8					D							
C.I. BASIC RED 9 MONOHYDROCHLORIDE	569-61-9							G				K	
C.I. DIRECT BROWN 95	16071-86-6												
C.I. DISPERSE YELLOW 3	2832-40-8					D							
C.I. FOOD RED 15	81-88-9					D							
C.I. FOOD RED 5	3761-53-3					D		G				K	
C.I. SOLVENT ORANGE 7	3118-97-6					D							
C.I. SOLVENT YELLOW 14	842-07-9					D							
C.I. SOLVENT YELLOW 3	97-56-3					D		G				K	

SEE DICHLOROBROMOMETHANE.

B C D

SEE METHYL BROMIDE

SEE 1,4-BUTANEDIOL DIMETHANESULFONATE

D

SEE DIRECT BROWN 95

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name UPS Today's Date 7/21/93

Site Address 8400 Pardee
 City Oak Zip 94621 Phone _____

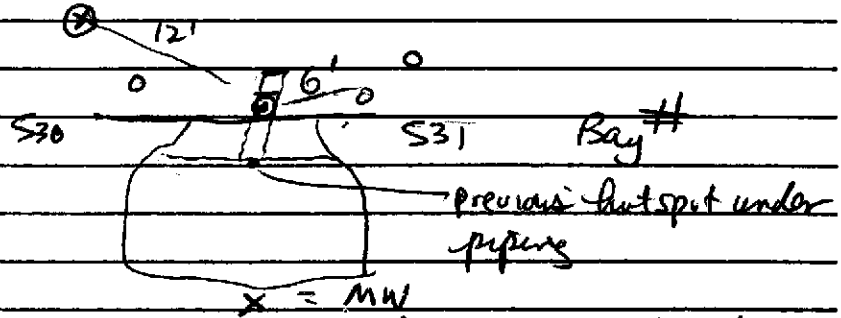
MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks closure

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:



O₂ current being to ~2', encountered a concrete sub-base impeding further augering. Will overcut the concrete base to zone under this sub-base at 6' + 12' & under the (X) full port. Hopefully will set a pattern of decreasing radial migration which will allow only ongoing monitoring. Apparently a footing exists under the full port @ 6' lateral zone. The sand under the sub-base rock is likely impacted but realistically should be excavated unless the MW is severely impacted. 2 sples were taken from the 6' + 12" locations @ 2 1/2' depth to verify concentrations in native soils.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'L'S

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(i)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General**
- 1. Permit Application 25284 (H&S)
- 2. Pipeline Leak Detection 25292 (H&S)
- 3. Records Maintenance 2712
- 4. Release Report 2651
- 5. Closure Plans 2670
- 6. Method
- 1) Monthly Test
- 2) Daily Vadose
Semi-annual groundwater
One time sols
- 3) Daily Vadose
One time sols
Annual tank test
- 4) Monthly Gndwater
One time sols
- 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
- 6) Daily Inventory
Annual tank testing
Cont pipe leak det
- 7) Weekly Tank Gauge
Annual tank testing
- 8) Annual Tank Testing
Daily inventory
- 9) Other _____
- 7. Precs Tank Test 2643
Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water 2647
- Monitoring for Existing Tanks**
- 11. Monitor Plan 2632
- 12. Access. Secure 2634
- 13. Plans Submit 2711
Date: _____
- 14. As Built 2635
Date: _____
- New Tanks**

Rev 6/88

Contact: J. Pomerene - AGS

Title: _____

Signature: _____

Inspector: BChan

Signature: _____

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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,

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

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



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

GERAGH & MILLER, INC.
 Environmental Services
 1050 Marina Way South
 Richmond, CA 94804
 (510) 233-3200 • FAX (510) 233-3204
 DAVE SERENA

6/23/93 **LETTER OF TRANSMITTAL**
 Blher 20315

DATE	6/11/93	JOB NO.
ATTENTION		
RE:	UPS Facility 8400 Pardee Dr Oakland, Calif.	

TO MR. BARNEY CHAN
ACHD, HAZMAT DIVISION
80 SWAN WAY
OAKLAND, CA

WE ARE SENDING YOU Attached Under separate cover (via _____) the following items:
 Report(s) Prints Plans Samples Specifications
 Proposal(s) Contracts _____

COPIES	DATE	NO.	DESCRIPTION

THESE ARE TRANSMITTED as checked below: PLEASE

<input type="checkbox"/> For approval	<input type="checkbox"/> Returned for corrections	<input type="checkbox"/> Resubmit _____ copies for approval
<input type="checkbox"/> As requested	<input checked="" type="checkbox"/> For your use	<input type="checkbox"/> Submit _____ copies for distribution
<input type="checkbox"/> For review		<input type="checkbox"/> Return _____ corrected prints
<input type="checkbox"/> For bids due _____ 19 _____		<input type="checkbox"/> Call to discuss
<input type="checkbox"/> _____		

REMARKS Attached are copies of all assessment + monitoring reports for the above referenced facility. These reports include details on all past compliance monitoring events and boring-log details. Some of these reports are in "draft" form - I couldn't locate the signed final, but the draft is no different than the final version and contains the analytical results as well.

Dave

COPY TO _____ SIGNED: _____

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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,

A handwritten signature in cursive script, appearing to read "Barney M. Chan".

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

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN IN THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 05/03/93		CASE #		SIGNED: <u>Barney Chan</u> DATE: <u>5/14/93</u>		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT GARY MITCHELL		PHONE (510) 1633-3974		SIGNATURE <u>Gary Mitchell</u>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME UNITED PARCEL SERVICE			
ADDRESS 840 PARDEE DR STREET OAKLAND CITY CA STATE 94621 ZIP						
RESPONSIBLE PARTY	NAME UNITED PARCEL SERVICE <input type="checkbox"/> UNKNOWN		CONTACT PERSON GARY MITCHELL		PHONE (510) 1633-5974	
	ADDRESS 840 PARDEE DR STREET OAKLAND CITY CA STATE 94621 ZIP					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) UNITED PARCEL SERVICE		OPERATOR U.P.S.		PHONE (510) 1633-3974	
	ADDRESS 840 PARDEE DR STREET OAKLAND CITY CA COUNTY ALAMEDA ZIP 94621					
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH DEPT. OF ENVIRONMENTAL HEALTH		AGENCY NAME		CONTACT PERSON BARNEY CHAN	
	REGIONAL BOARD RWQCB				PHONE (510) 271-4530	
SUBSTANCES INVOLVED	(1) [REDACTED] NAME				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) _____ <input type="checkbox"/> UNKNOWN					
DISCOVERY/ABATEMENT	DATE DISCOVERED 05/04/93		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN _____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 05/04/93					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CASE TYPE CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY					
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)					
COMMENTS	_____					

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cau Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Location - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 05/13/93		CASE #		SIGNED: <u>Barney Mitchell</u> DATE: <u>5/14/93</u>	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT GARY MITCHELL		PHONE (510) 633-3974	SIGNATURE <u>Barney Mitchell</u>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME UNITED PARCEL SERVICE		
RESPONSIBLE PARTY	ADDRESS 8400 PARDEE DR OAKLAND CA 94621				
	NAME UNITED PARCEL SERVICE <input type="checkbox"/> UNKNOWN		CONTACT PERSON GARY MITCHELL	PHONE (510) 633-3974	
SITE LOCATION	ADDRESS 8400 PARDEE DR OAKLAND CA 94621				
	FACILITY NAME (IF APPLICABLE) UNITED PARCEL SERVICE		OPERATOR L.P.S.	PHONE (510) 633-3974	
	ADDRESS 8400 PARDEE DR OAKLAND CA. COUNTY ALAMEDA 94621				
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH DEPT. OF ENVIRONMENTAL HEALTH		CONTACT PERSON BARNEY CHAN	PHONE (510) 271-4530	
	REGIONAL BOARD SP RWQCB		CONTACT PERSON RICH HIETT	PHONE (510) 205-4359	
SUBSTANCES INVOLVED	(1)		NAME [REDACTED]		
	(2)		QUANTITY LOST (GALLONS) 3 Gallons <input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 05/13/93		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER OBSERVATION WELL		
	DATE DISCHARGE BEGAN [] [] [] [] [] [] <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 05/13/93				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
REMEDIAL ACTION	COMMENTS				
	COMMENTS				

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impervious layer to reduce rainfall infiltration.

Containment Barrier - install vertical dikes to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 94212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 11, 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: 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

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.

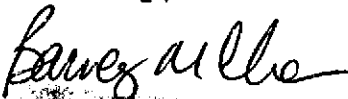
6. Lastly, as mentioned in item 4 of the May 7 letter, you should provide a work plan to investigate the extent of groundwater contamination from the waste oil tank. The preliminary soil results indicate high oil contamination under the piping from the remote fill. You will need to determine the extent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



~~_____~~
Hazardous Material Specialist

enclosure (Mr. Mitchell)

cc: G. Jensen, Alameda County District Attorney Office
R. Hiett, RWQCB
D. Schoenholz, Port of Oakland, 530 Water St., Oakland 94607
~~_____~~
2-8400Pardee

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 7, 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: 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 Hiatt. 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 *(modification)*

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:

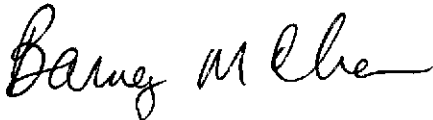
1. Please provide the monitoring well installation report for the three wells installed on the north side of the site. Please provide all groundwater monitoring reports for samplings taken subsequent to the initial well installations.
2. Please complete the enclosed Underground Storage Tank Unauthorized 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. Hiatt, RWQCB
D. Schoenholz, Port of Oakland, 530 Water St., Oakland 94607
, files

WP8400Pardee

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II, III

Site ID # 583 Site Name UPS Today's Date 4/29/93

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'LS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25534(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

Monitoring for Existing Tanks

- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Groundwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____

- 7. Precs Tank Test 2643
Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711
Date: _____
 - 14. As Built 2635
Date: _____

Rev 6/88

Site Address 8400 Pardee Dr.
City Oakland Zip 94621 Phone _____
MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

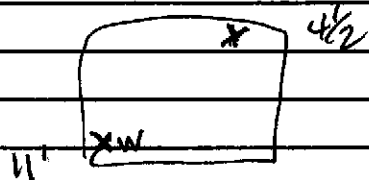
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks Removal

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

~~_____~~
Hawker - Trident Truckline, Hayward
CAL. IT-115-187 DTX sticker 309984 exp 6/93

UST in good condition - No obvious holes on bottom. Water from cutting concrete filled partially the tank which had holes on top due to excavator.
Two sidewall samples taken *



organic odor
(in pit - basement)

1 water sample taken (W) (2 VOAS)

oil code, Also ~~is~~ OFD
Gary Mitchell - Bd. Mem. Plant Engr

II, III

Contact: _____

Title: _____

Signature: _____

Inspector: Esachy

Signature: Esachy

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # 583 Site Name UPS Today's Date 4/29/93

II.A BUSINESS PLANS (Title 19)

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- ___ 3. RR Cars > 30 days 25503.7
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Site Address 8400 Pardee Dr.

City Oakland Zip 94621 Phone _____

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II.B ACUTELY HAZ. MATLS

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- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

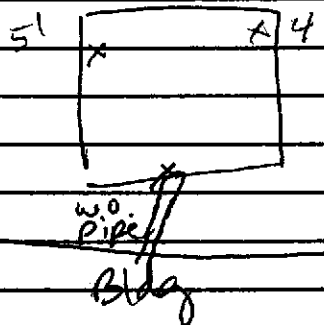
Comments:

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Groundwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| | ___ 7. Precs Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| ___ 9. Soil Testing 2646 | |
| ___ 10. Ground Water. 2647 | |
| New Tanks | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | Date: _____ |
| ___ 14. As Built 2635 | |
| Date: _____ | |

~~Underground Tank~~
 Fiberglass tank - excavation tore holes in tank
 Tide water continues to fill tank. Unable to pump out
 remove whole. Tank broken into pieces for
 removal

Moderate odor from pit
 3 soil samples taken



gravel layer extends
 around entire pit. Unable
 to get good representative
 sample

No GW sample taken. Will need to install mvs
 to see if GW has been impacted. Site appears to
 be subjected to tidal influence.

Rev 6/88

II, III

Contact: _____
 Title: _____
 Signature: _____

Inspector: E. O'achy
 Signature: [Signature]

P/A Port of Oakland
530 West St
Oak 94607
A. Clark Group

R/P: UPS
8400 Pardee Drive
Oak. 94624
Mr. Gary Mitchell

DATE: 7/8/92
TO : Local Oversight Program
FROM: BC
SUBJ: Transfer of Eligible Oversight Case

Site name: UPS
Address: 8400 Pardee Dr city Oak zip 94624

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # US42341 STID #(if any) 583

Number of Tanks: 7 removed? Y N Date of removal N/A

Leak Report filed? Y N Date of Discovery 2/2/90 & 6/15/90

Samples received? Y N Contamination: gasoline

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site ? Monitoring schedule? Y N unknown

Briefly describe the following:

Preliminary Assessment _____

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____

Comments:

Upon modification of piping in the piping on the
gasoline & diesel tanks on the north side, gasoline contaminated
soil & water was found. Geraghty & Mullis submitted a work
plan to address this problem. Also have results from (I assume)
north side UST (3 diesel tanks) - 2 grab samples indicate
250 ppm & 66 ppm TPH d in water. Any wells in?
Where are the report of MW installation

City of Oakland
1421 Clay St. Rm 409
Oakland 94612
Julie Carter

Brit Johnson

ALAMEDA COUNTY HEALTH CARE SERVICE AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

ACCEPTED
RECEIVED
Hazardous Materials Division
Environmental Health Department
Alameda County Health Care Service Agency
80 Swan Way, Room 200
Oakland, CA 94621

These plans have been reviewed and found to be acceptable and essentially correct. It is recommended that you proceed with the work as shown on the plans. The permit is valid for one year from the date of issuance. The permit is subject to the terms and conditions of the permit. One copy of the permit must be retained by you and one copy must be submitted to the Department of Environmental Health. The permit is not valid unless accompanied by the required fee. The permit is not valid unless accompanied by the required fee. The permit is not valid unless accompanied by the required fee.

Removal of Tank and Piping
 Sampling
 Final Inspection

Issuance of a permit or approval is dependent on compliance with accepted plans and applicable laws and regulations.

SUBJECT TO CONDITIONS
ON BACK OF THIS PAGE

John Moolg
(209) 685-4294

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

- Business Name U.P.S.
Business Owner U.P.S.
 - Site Address 8400 PARDEE DR
City OAKLAND, CA Zip 94621 Phone (510) 633-4036
 - Mailing Address 8400 PARDEE DR
City OAKLAND Zip 94621 Phone (510) 633-4036
 - Land Owner U.P.S.
Address 8400 PARDEE DR OAKLAND City, State CA Zip 94621
 - Generator name under which tank will be manifested U.P.S.
- EPA I.D. No. under which tank will be manifested CAD097075709

CONDITIONS:

- ① H+S PLAN MUST MEET REQUIREMENTS OF 29 CFR 1910.120
- ② PROOF OF WORKERS COMP
- ③ APPROVAL OF PORT OF OAKLAND + OAKLAND FIRE DEPT.

Attn: Richard Warren

6. Contractor CRISP CONSTRUCTION CO INC
Address P.O. Box 1066
City VISALIA CA 93299 Phone (209) 734-6381
License Type* A-HAZ ID# 5C7426

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant AQUA GEOSCIENCES INC
Address 1701 WESTWIND DR, SUITE # 101
City BAKERSFIELD CA Phone (805) 328-0962

8. Contact Person for Investigation
Name JENNIFER Title HANDLES UPS ACCOUNTS
Phone (805) 328-0962

9. Number of tanks being closed under this plan 2
Length of piping being removed under this plan 20'
Total number of tanks at facility GAS TANKS ARE REMAINING

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name H & H SHIP YARDS EPA I.D. No. CA0004971168
Hauler License No. 0334 License Exp. Date 1-31-93
Address 220 CHINA BASIN STREET
City SAN FRANCISCO State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H EPA I.D. No. CA0004971168
Address 220 CHINA BASIN ST
City SAN FRANCISCO State CA Zip 94107

c) Tank and Piping Transporter

Name H & H EPA I.D. No. CAD004971168
Hauler License No. 0334 License Exp. Date 1-31-93
Address 220 CHINA BASIN ST
City SAN FRANCISCO State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H EPA I.D. No. CAD004971168
Address 220 CHINA BASIN ST
City SAN FRANCISCO State CA Zip 94107

11. Experienced Sample Collector

Name AQUA GEOSCIENCES INC
Company AQUA GEOSCIENCES INC
Address 1701 WESTWIND DR #101
City BAKERSFIELD State CA Zip 93301 Phone (805) 328-0962

12. Laboratory

Name AQUA GEOSCIENCES INC
Address 1701 WESTWIND DR #101
City BAKERSFIELD State CA Zip 93301
State Certification No. 4779

13. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

PUMP ALL PUMPABLE LIQUIDS OUT OF TANKS THEN
DRY ICE THE TANKS W/ 30 LBS OF DRY ICE / 1000 GAL
THEN CHECK TANK FOR L.E.L. & OXYGEN WITH METER.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1000 GAL	WASTE OIL	SOIL	12' 1-2' under tank 12' or at GW/sol interface if present
1000 GAL	FRESH OIL	SOIL	

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 20-YARDS	Sampling Plan TAKE 1-SAMPLE PER 20 YARDS TO DETERMINE IF THE SOIL IS CONTAMINATED, AND ALSO TO CHARACTERIZE THE SOIL CONDITION, FOR DISPOSAL PURPOSES.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
WASTE OIL FRESH OIL		← 5030 3550 8260 = TPHg + BTEX* 5520 E+F = O+G 8020 = BTEX 8010 = CHE 8270 = Semi-volatiles ICAP. 5 METALS Pb, Ni, Cd, Cr, Zn	SOIL PPM 1.0 1.0 0.005 50.0
FRESH OIL		← 3550 8020 = BTEX 5520 E+F = O+G	SOIL PPM 1.0 50.0 0.005

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer INDUSTRIAL INDEMNITY # CB 957-8894

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) JOHNNY A. ENOS, JR

Signature *Johnny A. Enos Jr*

Date 8-20-92

Signature of Site Owner or Operator

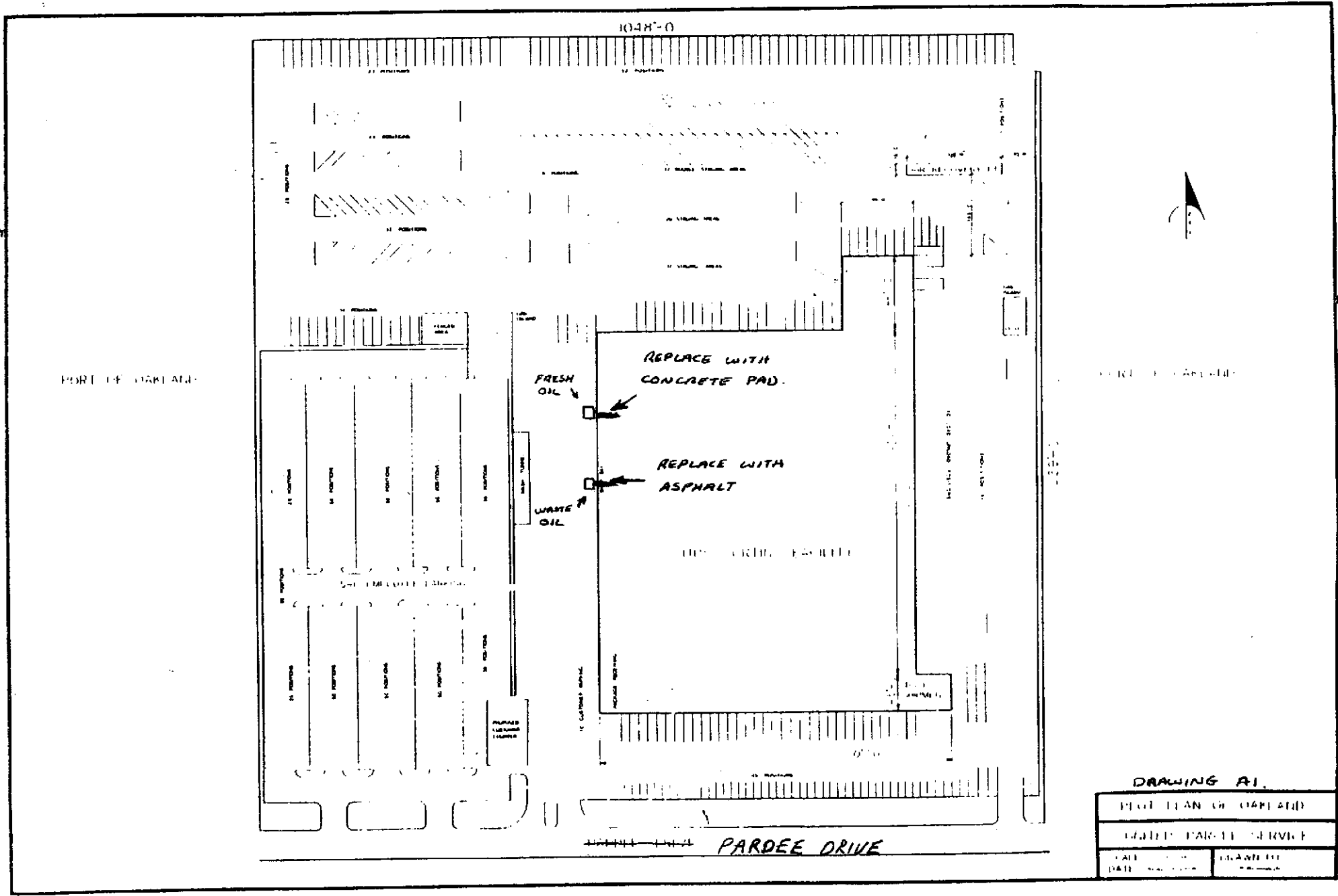
Name (please type) DON CODE 9633-3974

Signature *Don Code*

Date 8-20-92

NOTES:

1. NEW ASPHALT TO BE REPLACED IN ACCORDANCE WITH SECTION 02S13.
2. PLACE NEW ASPHALT IN TWO LIFTS: 2 OVER 4 INCHES FOR A TOTAL THICKNESS SECTION OF 6 INCHES. ELEVATION OF NEW ASPHALT IS TO MATCH EXISTING ASPHALT. ASPHALT FOR ASPHALTIC CONCRETE PAVING SHALL BE AK4000 VISCOSITY GRADE SHALL CONFORM TO CALTRANS STANDARD SPECIFICATION, SECTION 39. APPROXIMATE CONCRETE PAD SIZES TO BE REMOVED: BOTH ~ 12'x12'.
6. NEW ASPHALT TO BE REPLACED IN ACCORDANCE WITH SECTION 02S14.
7. ELEVATION OF NEW CONCRETE TO MATCH EXISTING CONCRETE.
8. ASSUME # 4 REBAR.



11/11/11

November 1, 1990
Project No. RC02703,
RCO2704

Mr. Donald Code
United Parcel Service
8400 Pardee Dr.
Oakland, California 94566

Re: Results of the Initial Site Assessment Activities, United Parcel Service Inc. Facility,
8400 Pardee Drive, Oakland, California.

Dear Mr. Code:

Geraghty & Miller, Inc. (Geraghty & Miller has completed a soil and ground-water assessment at the United Parcel Service, Inc. (UPS) facility referenced above. The report documenting the assessment activities is attached. The objective of the assessment activities was to determine whether the soil or shallow ground water in the vicinity of the fueling facilities located on the northern and southern portions of the site have been impacted by petroleum hydrocarbons. A soil and ground-water assessment was requested by the Alameda County Health Care Services Agency (ACDEH) in their letter to UPS dated January 23, 1990. The scope of work for this project was presented in three Geraghty & Miller, Inc. (Geraghty and Miller) documents (Geraghty & Miller, March 16, 1990, May 7, 1990, and June 28, 1990). A summary of the results of the assessment activities is presented below:

SUMMARY OF RESULTS

- During August 1990, 3 exploratory borings (MW-1 through MW-3) were drilled on the southern portion of the UPS site and converted into ground-water monitoring wells. A total of five borings (MW-4, MW-5, and B-1 through B-3) were drilled on the northern portion of the site. Borings MW-4 and MW-5 were converted into ground-water monitoring wells. During the drilling activities, a previously unidentified well was observed in the parking lot approximately 30 feet to the north-northeast of the fueling facilities located on the northern portion of the site. The well has been designated as MW-6 by Geraghty & Miller. According to UPS, there is no information regarding this well.
- Depth to water measured during September 1990 ranged from 3.99 feet to 4.94 feet below the ground surface beneath the southern portion of the site and from 3.19 to 7.18 feet below the ground surface beneath the northern portion of the site. The approximate direction of shallow ground-water flow is toward the west-southwest.
- In the vicinity of the fueling facilities located on the southern portion of the site, TPH as diesel was detected in the soil sample collected from a depth of approximately 3 feet below the ground surface from Boring MW-3, located to the east of the underground storage tanks, at a concentration of 2,300 mg/kg,

and TPH as gasoline was detected at a concentration of 91 mg/kg. TPH as gasoline and diesel were not detected in the soil sample collected from Boring MW-2 located to the west of the underground storage tanks. A soil sample was not recovered from Boring MW-1. During August 1990, a sheen of phase-separated hydrocarbons was observed on the water in Monitoring Wells MW-1 through MW-3. Concentrations of TPH as diesel detected in ground-water collected from Wells MW-1 through MW-3 ranged from 3,500 µg/L (Well MW-2) to 21,000 µg/L (Well MW-1).

- In the vicinity of the fueling facilities located on the northern portion of the site, TPH as gasoline (10 mg/kg) and TPH as diesel (21 mg/kg) were detected in the soil sample collected from the vadose zone from Boring B-1 located in the area which had been previously excavated and backfilled. Petroleum hydrocarbons were not detected in the soil samples collected from Borings located to the east (Boring MW-5), southeast (Boring B-3), south (Boring B-2), and southwest (Boring MW-4) of the area from which the former fuel dispensing islands and product piping were removed. TPH as gasoline and TPH as diesel were not detected in the ground-water samples collected from Monitoring Wells MW-4 through MW-6 during August 1990. The only petroleum hydrocarbons detected in the ground-water samples collected from Monitoring Wells MW-4 through MW-6 were toluene (0.5 µg/L) and xylenes (1.0 µg/L) in the water sample collected from Well MW-6.

DISCUSSION

Based on the results of the assessment activities summarized above, the extent of petroleum hydrocarbons in the soil in the vicinity of the fueling facilities on the southern portion of the site has been defined to the west of the underground storage tanks (Boring MW-2). Petroleum hydrocarbons were detected in the soil sample collected from Boring MW-3, located to the east of the underground tanks. A sample was not recovered from Boring MW-1 due to the gravelly nature of the soil. Phase-separated hydrocarbons were observed in Monitoring Wells MW-1 through MW-3. Petroleum hydrocarbons were also detected in the water samples collected from these wells.

In the vicinity of the northern fueling facilities, petroleum hydrocarbons were detected in the soil sample collected from the boring drilled within the area of previous excavation from which the former fuel dispensing islands and product piping were removed. Petroleum hydrocarbons were not detected in the soil samples collected from the borings drilled to the east, southeast, south and southwest of this area. Petroleum hydrocarbons were not detected in the ground-water samples collected from Monitoring wells MW-4 through MW-6 with the exception of toluene and xylenes which were detected in the water sample collected from Well MW-6, located to the northwest of the location of the former fuel dispensing islands and product piping. This well was discovered during the field activities and the well construction details and materials are not known. These results suggest that the petroleum hydrocarbons detected in the soil samples collected during September 1989, following the removal of the former dispensing islands and product piping are limited in extent to the soil in the immediate vicinity of former fueling facilities.

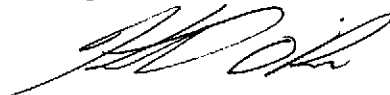
The scope of work for this project included recommendations for sampling the soil which was stockpiled on the site so that the proper method for handling and disposal could be determined. On , 1990, a representative of Geraghty & Miller visited the site to collect the

soil samples, however, the stockpiled soils were no longer present. Geraghty & Miller has not been informed by UPS regarding the disposition of the soil.

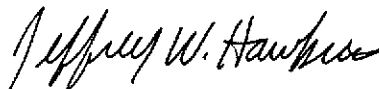
Geraghty & Miller recommends that UPS submit a copy of the the attached report of the soil and ground-water assessment activities to the ACDEH and subsequently schedule a meeting with ACDEH to discuss the results and what, if any, additional assessment will be required by ACDEH.

If you have any questions regarding this report, please do not hesitate to call.

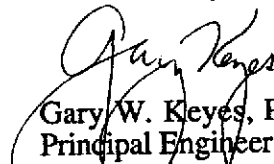
Sincerely,
GERAGHTY & MILLER, INC.



Kent O'Brien
Staff Geologist



Jeffrey W. Hawkins, R.G.
Senior Geologist



Gary W. Keyes, P.E.
Principal Engineer

Attachments: Results of Soil and Ground-Water Assessment Activities, United Parcel Service Inc. Facility, 8400 Pardee Drive, Oakland, California.

cc: Mr. Gary Mitchell, UPS

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
600 - 23rd Street, Oakland, CA 94612
Telephone (415) 371-4320

These plans have been reviewed and found to be acceptable and assembly must be completed in accordance with local health laws. Cleanup activities must be performed in accordance with applicable laws. The permit will be issued upon receipt of the fee of any applicable local health laws. The permit will be issued upon receipt of the fee of any applicable local health laws. The permit will be issued upon receipt of the fee of any applicable local health laws.

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621 430-4530

AGENCY
ALTH
DN

PHONE NO. 415/874-7237
271-4320

6/13/90
A. LEM
1) AS SPECIFICALLY SEEN
M.T.

90 APR -4 AM 10:36

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

- Business Name UPS
Business Owner UPS
- Site Address 8400 Pardee
City Oakland Zip _____ Phone 633-4037
- Mailing Address 8400 Pardee
City Oakland Zip _____ Phone 633-4037
- Land Owner UPS
Address 8400 Pardee, Oakland City, State CA Zip _____
- EPA I.D. No. N/A
- Contractor Diablo Tank & Equipment
Address 4030 Pacheco Blvd
City Martinez, CA 94553 Phone (415) 372-3342
License Type Gen A ID# _____
- Other (Specify) _____
Address _____
City _____ Phone _____

THIS IS FOR UPS.

8. Contact Person for Investigation

Name Pat McShane Title Vice President
Phone 372-3342

9. Total No. of Tanks at facility 5

10. Have permit applications for all tanks been submitted to this office? Yes [X] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Transporter

H+H Name H & H Ship Service EPA I.D. No. HAZ 0034/TSD00477116
Address CHINA BASIN
City SAN FRANCISCO State CA Zip

b) Rinsate Transporter

H+H Name H & H SHIP SERVICE EPA I.D. No. HAZ 0034/TSD004771168
Address CHINA BASIN
City SAN FRANCISCO State CA Zip

c) Tank Transporter/Piping

Name H&H Ship Service EPA I.D. No. HAZ 0034/TSD00477116
Address China Basin
City San Francisco State CA Zip

d) Contaminated Soil Transporter

GSX (IT) Name GSX EPA I.D. No. CAD980676276
Address 4501 PACHECO BLVD
City MARTINEZ, State CA Zip 94553

12. Sample Collector

Name Diablo Tank & Equipment
Company
Address 4030 Pacheco #5
City Martinez, State CA Zip 94553 Phone 372-3342

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
10,000 gallon	Diesel	Soil	Approx 3'

14. Have tanks or pipes leaked in the past? Yes [] No []

If yes, describe. Unknown

15. NFPA methods used for rendering tank inert? Yes [] No []

If yes, describe. _____

16. Laboratories

Name Groundwater Tech

Address 4080 Pike Lane

City Concord State CA Zip 94520

State Certification No. #194

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Diesel As BTEX/TPH And	8020 1148.1 5030/5015s 3550/5015b 5030/5020	

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer Mario L. Basso & Co 821 Howard Street San Francisco

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) PATRICK J MCSHANE
Signature Patrick J McShane
Date 3/15/90

Signature of Site Owner or Operator

Name (please type) Tom M. Brugman
Signature Tom M. Brugman
Date 3/14/90

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

PRODUCER
X MARIO L. BASSO & CO., INC.
 821 HOWARD STREET
 SAN FRANCISCO, CA. 94103

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

- COMPANY LETTER **A** ILLINOIS UNION
- COMPANY LETTER **B** TRANSAMERICA INS. CO.
- COMPANY LETTER **C**
- COMPANY LETTER **D**
- COMPANY LETTER **E**

INSURED
 DIABLO TANK AND EQUIPMENT CO.
 4030 PACHECO BLVD.
 MARTINEZ, CA. 94553

COVERAGES

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
A	GENERAL LIABILITY	EP0002524	11/01/89	11/01/90	GENERAL AGGREGATE	\$1,000.
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE	\$1,000.
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE				PERSONAL & ADVERTISING INJURY	\$1,000.
	<input type="checkbox"/> OWNERS & CONTRACTORS PROTECTIVE				EACH OCCURRENCE	\$1,000.
					FIRE DAMAGE (ANY ONE FIRE)	\$ -
					MEDICAL EXPENSE (ANY ONE PERSON)	\$ -
	<input checked="" type="checkbox"/> \$5,000.00 per Claim Deductible.					
B	AUTOMOBILE LIABILITY	T730809603	11/01/89	11/01/90	COL	\$ 1,000.
	<input checked="" type="checkbox"/> ANY AUTO				SOCIAL INJURY PER PERSON	\$
	<input checked="" type="checkbox"/> ALL OWNED AUTOS				SOCIAL INJURY PER ACCIDENT	\$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE	\$
	<input checked="" type="checkbox"/> HIRED AUTOS					
<input checked="" type="checkbox"/> NON-OWNED AUTOS						
<input type="checkbox"/> GARAGE LIABILITY						
	EXCESS LIABILITY				EACH OCCURRENCE	AGGREGATE
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				\$	\$
B	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	WCP80171816	11/01/89	11/01/90	STATUTORY	
					\$ 1,000. (EACH ACCIDENT)	
					\$ 1,000. (DISEASE-POLICY LIMIT)	
					\$ 1,000. (DISEASE-EACH EMPLOYEE)	
	OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / RESTRICTIONS / SPECIAL ITEMS
ALL OPERATIONS

CERTIFICATE HOLDER

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE
Mario L. Basso

General Engineering
Contractors Lic. #528287



4030 #5 Pacheco Blvd.
Martinez, CA 94553
(415) 372-3342

SITE SAFETY PLAN FOR UNDERGROUND TANK REMOVAL

1. Patrick J. McShane is our key employee responsible for site safety and health on this project. Alternates are Donald McShane and Dave Daniels.
2. We shall have two ABC fire extinguishers on site during the excavation process. The tank will be monitored by a GASTECHTER, Model 1314, to assure that it is not in the explosive range. CO-2 will be placed in the tank at a minimum of 15 pounds per 1,000 gallon capacity in order to displace fumes which could be explosive.
3. Personnel shall have hard hats and protective shoes. A first aid kit shall be available on all vehicles.
4. After removing the fuel tank, soil samples shall be taken in the manner prescribed by law. If water is present in the excavation, water samples shall be taken also. Samples shall be analyzed at a minimum for BTEX and TPH. Suspect spoils shall be stockpiled and protected by Visqueen according to the rules of BAAQMD.
5. The site shall be protected by barricades and yellow flagging. If the excavation has to remain open for a protracted period, a six foot high cyclone fence shall be erected around the perimeter.
6. Our employee safety training officer is Donald McShane. We have an on-going safety training program in cooperation with our insurance carrier Illinois Union and our Health Maintenance Organization, Kaiser Permanente Foundation. Our employees are counseled on the dangers of alcohol abuse and are periodically tested for drugs.
7. If decontamination of the site is appropriate, we shall consult with the IT Corporation and a Geological consulting firm such as Kleinfelder Associates, Brown and Caldwell, or Groundwater Technology for a final assessment. The plan shall be submitted to the appropriate health agency and the Regional Water Quality Control Board for their agreement.
8. Tank and contaminated soil shall be transported to final destination under a hazardous waste manifest by carriers licensed to haul hazardous material.



March 2, 1990

Mr. Ariu Levi
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Re: Workplan, United Parcel Service Facility, 8400 Pardee Drive, Oakland, California.
(Project No. RC02701)

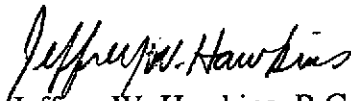
Dear Mr. Levi:

This letter confirms our telephone conversation on February 23, 1990, regarding the due date for the workplan requested by Alameda County Health Care Services Agency (ACDEH) in their letter to United Parcel Service (UPS) dated January 23, 1990. The due date specified in the ACDEH letter to UPS was thirty days from the date of the letter, which would have been February 22, 1990. Mr. Gary Mitchell of UPS has informed Geraghty & Miller that the letter from ACDEH had not been received by UPS as of the date of our telephone conversation.

As we discussed, Geraghty & Miller anticipates completing the workplan for submittal to ACDEH by March 23, 1990, within thirty days of the date of our telephone conversation.

If you have any questions, please do not hesitate to call.

Sincerely,
GERAGHTY & MILLER, INC.


Jeffrey W. Hawkins, R.G.
Senior Geologist

cc: Mr. Gary Mitchell, UPS

LIQUID CONSTRUCTION, INC.

P.O. Box 1220
TULARE, CALIFORNIA 93275

LETTER OF TRANSMITTAL

(209) 688-1980

TO County of Alameda (Environmental Health)
Hazardous Materials Div
80 Swan Way, Rm. 200
Oakland, Ca. 94621

DATE 1-25-90	JOB NO. 89-5391
ATTENTION	
RE:	

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO _____

90 JAN 29 AM 10:19

REMARKS Enclosed is our Petro Tite System Test for United Parcel Serv.
8400 Pardee Dr., Oakland.

COPY TO _____

SIGNED: *Florence Peoples*

LCI

LIQUID CONSTRUCTION, INC.

January 22, 1990

Attn: Don Code
United Parcel Service
8400 Pardee Drive
Oakland, CA A 94621

Re: United Parcel Serv., 8400 Pardee Dr., Oakland, CA

Dear Mr. Code:

On June 7, 1989 a Petro Tite System Test was performed at the above-referenced location. The test was performed by Matthew Raue, LCI Technician. The NFPA Code 329.02 criteria for a tight system is a maximum loss of .05 gallons per hour. Because of the almost infinite variables involved, this is not intended to be a mathematical tolerance and is not the permission of actual leakage.

During the stand-pipe test procedures the internal liquid hydrostatic pressure applied to the underground tank system is generally two to three times greater than normal liquid storage pressures. This increase in hydrostatic pressure will amplify the indicated rate of leak accordingly.

SYSTEM TEST

Tank No. 1 - South
Size - 10,000 Gallons
Product - Unleaded

We found the test inconclusive due to excessive product loss. This concludes our test and findings. If you have any questions regarding the results, please contact me. For your convenience, a copy of the test results has been sent to the County.

We have enjoyed working with you on this project. If you need any further information, please feel free to call.

Regards,

Johnny A. Enos, Jr.
Tank Testing Coordinator

JAE/cp
enclosures

PLEASE PRINT

89-5391

<p>1. OWNER <input type="checkbox"/> Property <input type="checkbox"/> Tank(s)</p>	<p>United Parcel Service, 8400 Pardee Dr., Oakland, CA 94621 (415) 633-3974</p> <p><small>Name Address Representative Telephone</small> United Parcel Service, 8400 Pardee Dr., Oakland, CA 94621</p> <p><small>Name Address Representative Telephone</small></p>																					
<p>2. OPERATOR</p>	<p>United Parcel Service, 8400 Pardee Dr., Oakland, CA</p> <p><small>Name Address Telephone</small></p>																					
<p>3. REASON FOR TEST (Explain Fully)</p>	<p>Test System for tightness.</p>																					
<p>4. WHO REQUESTED TEST AND WHEN</p>	<p>Don Code</p> <p><small>Name Title Company or Affiliation</small> United Parcel Service, 8400 Pardee Dr., Oakland, CA 94621</p> <p><small>Address Telephone</small></p>					<p>12/12/89</p> <p><small>Date</small></p>																
<p>5. TANK INVOLVED</p> <p><small>Use additional lines for manifolded tanks</small></p>	<p><small>Identify by Direction</small> #1 South</p>	<p><small>Capacity</small> 10,000</p>	<p><small>Brand/Supplier</small> Unleaded</p>	<p><small>Grade</small> Unknown</p>	<p><small>Approx. Age</small> Unknown</p>	<p><small>Steel/Fiberglass</small> Fiberglass</p>																
<p>6. INSTALLATION DATA</p>	<p><small>Location</small> North of Service Building, west of washer in yard. <small>North inside driveway, Rear of station, etc.</small></p>	<p><small>Cover</small> Concrete (Unearthed) <small>Concrete, Black Top, Earth, etc.</small></p>	<p><small>Fills</small> 4" <small>Size, Titefill make, Drop tubes, Remove Fills</small></p>	<p><small>Vents</small> 2" <small>Size, Manifolded</small></p>	<p><small>Siphones</small> None <small>Which tanks?</small></p>	<p><small>Pumps</small> Turbine A.L. Smith <small>Suction, Remote, Make if known</small></p>																
<p>7. UNDERGROUND WATER</p>	<p>Depth to the Water table <u>126"</u></p> <p style="text-align: right;">Is the water over the tank? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>																					
<p>8. FILL-UP ARRANGEMENTS</p>	<p>Tanks to be filled _____ by _____ Date _____ Arranged by _____ Name _____ Telephone _____</p> <p>Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.</p> <p>Terminal or other contact for notice or inquiry _____ Company _____ Name _____ Telephone _____</p>																					
<p>9. CONTRACTOR, MECHANICS, any other contractor involved</p>	<p>_____</p> <p>_____</p> <p>_____</p>																					
<p>10. OTHER INFORMATION OR REMARKS</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p><small>Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.</small></p>																					
<p>11. TEST RESULTS</p>	<p>Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Tank Identification</th> <th style="width:10%;">Tight</th> <th style="width:30%;">Leakage Indicated</th> <th style="width:30%;">Date Tested</th> </tr> </thead> <tbody> <tr> <td>#1 South</td> <td style="text-align: center;">No</td> <td>7.052 GPH</td> <td>12-18-89</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						Tank Identification	Tight	Leakage Indicated	Date Tested	#1 South	No	7.052 GPH	12-18-89								
Tank Identification	Tight	Leakage Indicated	Date Tested																			
#1 South	No	7.052 GPH	12-18-89																			
<p>12. SENSOR CERTIFICATION</p> <p><u>6-7-89</u> <small>Date</small></p> <p><u>S/N# 1735</u> <small>Serial No. of Thermal Sensor</small></p>	<p>13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 323.</p> <p style="text-align: center;"><small>Technician</small> </p> <p>1. <u>44815083</u> <small>Certification #</small></p> <p>2. _____ <small>Certification #</small></p> <p style="text-align: right;">Testing Contractor or Company. By: </p> <p style="text-align: right;">Address _____</p>																					

15. TANK TO TEST
 #1 South
 Identify by position
 Unleaded
 Brand and Grade

15a. INDEX DIAGRAM OF TANK FIELD

16. CAPACITY
 Nominal Capacity 10,000 Gallons
 By most accurate capacity chart available 9980 Gallons

From
 Station Chart
 Tank Manufacturer's Chart
 Company Engineering Data
 Charts supplied with
 Other

17. FILL-UP FOR TEST

Each Water Station before fill-up	Gallons	Tank Diameter	Inventory	Gallons	Total Gallons as Needed
				9980	9980
			Water	-24	-24
			Top off	+16	+16
				9972	9972

Transfer total to line 25a

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK
 Water in tank Line(s) being tested with LVLLI
 High water table in tank excavation

See manual sections applicable. Check below and record procedure in log (27).

Use maximum allowable test pressure for all tests. Four pound rule does not apply to doublewalled tanks.

Complete section below:

- Is four pound rule required? Yes No
- Height to 12" mark from bottom of tank 163 in.
- Pressure at bottom of tank 4.24 P.S.I.
- Pressure at top of tank 1.85 P.S.I.

19. TANK MEASUREMENTS FOR TEST ASSEMBLY

Bottom of tank to grade* 132 in.
 Add 30" for "I" probe assy. 30 in.
 Total tubing to assembly - approximate 162 in.

20. EXTENSION HOSE SETTING

Tank top to grade* 40 in.
 Extend hose on suction tube 6" or more below tank top 46 in.

*If fill pipe extends above grade, use top of fill.

22. Thermal Sensor reading after circulation 10.58A
 digits 54-55
 Difference between digits 311

23. Digits per °F in range of expected change

COEFFICIENT OF EXPANSION (Complete after circulation)

24a. Corrected A.P.I. Gravity
 Observed A.P.I. Gravity
 Hydrometer employed
 Observed Sample Temperature
 Corrected A.P.I. Gravity per Table A
 Coefficient of Expansion for Involved Product From Table B
 Transfer COE to Line 25b.

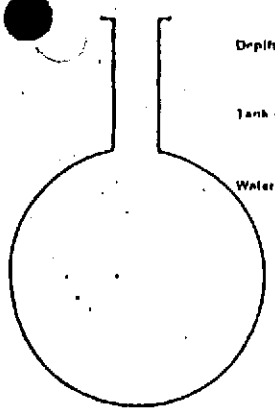
21. VAPOR RECOVERY SYSTEM Stage 1 Stage II

24b. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product Unleaded
 Hydrometer Employed 6
 Temperature in Tank After Circulation 10.58A 59.2 °F
 Temperature of Sample 55.0 °F
 Difference (°F) +1 °F
 Observed A.P.I. Gravity 57.8
 Reciprocal 1490 Page 6
 Total quantity in full tank (16 or 17) 9972
 Reciprocal 1490
 Volume change in this tank per °F 6.6926174
 Transfer to Line 26c.

24c. FOR TESTING WITH WATER see Table C & D

Water Temperature after Circulation Table C
 Coefficient of Water Table D
 Added Surfactant? Yes No Transfer COE to Line 25b.



NOTES:
 $6" \times .036 = .216 \text{ PSI}$
 $1.216 + 4.00 = 4.216$
 $4.216 / .0262 = 162.15"$
 $162.15 - 132 = 30.15"$
 above grade

The above calculations are to be used for dry soil conditions to establish a positive pressure advantage, or when using the four pound rule to compensate for the presence of subsurface water in the tank area.

Refer to N.F.P.A. 30, Sections 2-3.2.4 and 2-7.7 and the tank manufacturer regarding allowable system test pressures.

25. (a) Total quantity in full tank (16 or 17) (b) Coefficient of expansion for involved product (c) Volume change in this tank per °F gallons

26. (a) 6.6926174 (b) 311 (c) 0.0215196 This is 0.0215

UPS 89-5391

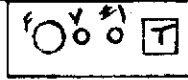
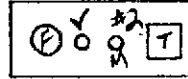
8400 Pardee Dr.

Oakland, CA

Dispenser 5 (40*2)

Fence

Washer Building



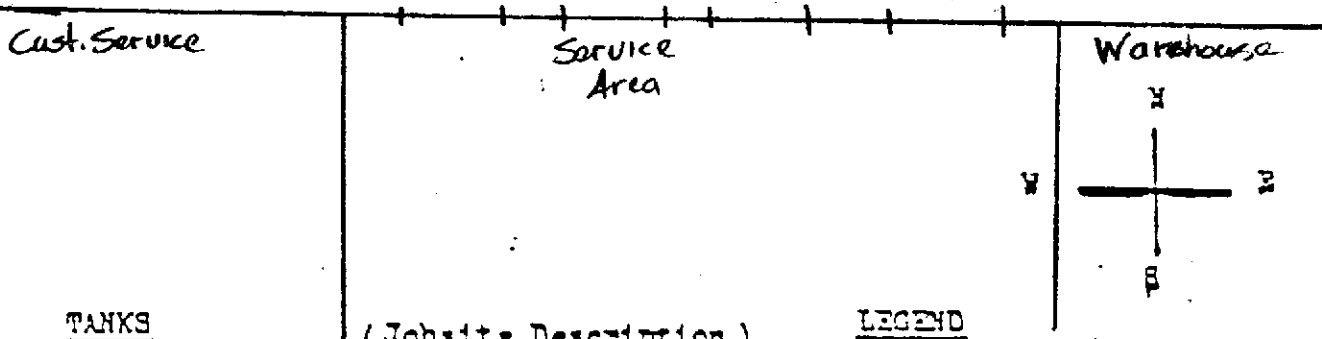
(non-used) dispenser



Pardee Dr

Fence

Extended Yard



TANKS

(Jobsite Description)

LEGEND

12	South 10,000 Unleaded	F	= FILL	V	= VAPOR DROP
12	North 10,000 Unleaded	T	= TURBINE	▨	= VENTS
13		P	= OVERSPILL CONTAINER / ON FILL RISE		
14		E	= EXTRACTOR VALVE		
15		M	= MONITOR SYSTEM		
16		S	= SIPHON SYSTEM		
17		V	= VAPOR DROP W/OVERSPILL CONTAINER		

MISC.

MISC.

L C I SITE EVALUATION

TANK	#1 South	#2	#3	#4	#5	#6
TANK BURIAL DIA & DEPTH	92" 132"					
BRAND & FUEL	Unleaded					
SIZE OF TANK	10,000					
SINGLE WALL OR DOUBLE WALL	Single Wall					
BRAND & SIZE OF TURBINE	A.L. Smith					
BRAND & TYPE OF LEAK DETECTOR	None					
BRAND OF EXTRACTOR	None					
BRAND OF OVERSPILL CONTAINER	None					
BRAND & TYPE OF DISPENSER	#1 Smith #2 Gilbarco					
SIZE OF SUB BOX	None					
PHASE I.V.R. CO-AXIAL OR 2 - POINT	Co-axial					
TYPE & BRAND OF MONITORING	None					
PREPARED FOR MONITORING	yes					
SIPHONED SYSTEM	None					

TECHNICIAN'S RECOMMENDATION:

JOBSITE LOCATION: United Parcel Service STATION #:
 ADDRESS: 8400 Pardee Dr. ; Oakland, CA DATE: 12-18-89
 TECHNICIAN'S SIGNATURE: [Signature] 89-5391

27. <u>1669A, 1235</u> LOG OF TEST PROCEDURES		29. Reading No.		30. STRATEGY LEVEL IN INCHES		31. PRODUCT IN TANK			34. TEMPERATURE MEASUREMENTS (SEE FACSIMILE)			38. NET VOLUME CHANGE EACH READING	39. ACCUMULATED CHANGE
28. TIME (HH:MM)	Record details of setting up and running test (Use full length of Row 2 if needed)	29. Reading No.	30. Strategy Level in Inches		31. Product in Tank		35. Manual Sensor Reading	36. Change From Sensor - In	37. Compensation (+/-) Expansion - Contraction -	38. Temperature Adjustment Volume (From Expansion (-) or Contraction (+) (1231) - (1211))	39. Accumulated Change per Row (1274) (1241)		
			Beginning of Reading	Level in which Restored	Before Reading	After Reading						32. Product in Tank (1)	33. Product in Tank (2)
9:30	ARRIVED AT TEST SITE AND												
11:30	TRANSPORT TRUCK TIPPED OFF												
12:00	REMOVED FILL CAP AND SPASH												
12:30	FILL TEST EQUIPMENT WITH												
-	100 min. Circulation												
13:30	FIRST SENSOR READING			42"									
13:45	START SENSOR READING	1	45.4	42"	.200	.495	+295	602	+18	+387	7092	-	
14:00	CONTINUE HIGH LEVEL TEST	2	45.3	42"	.495	.780	+285	618	+16	+344	7059	-	
14:15		3	45.3	42"	.200	.485	+285	634	+16	+344	7059	-	
14:30		4	45.2	42"	.485	.760	+275	648	+14	+301	7026	-	
14:45		5	45.2	42"	.200	.475	+275	662	+14	+301	7026	-	
15:00		6	45.0	42"	.475	.730	+255	676	+14	+301	7046	-	
15:15		7	44.9	42"	.200	.445	+245	690	+14	+301	7056	-	
15:30		8	44.5	42"	.445	.660	+215	702	+12	+258	7043	-	
					42"								
					42"								
15:31	DROP TO LOW LEVEL	1	1	12"	1	1	1	1	1	1	1	1	
15:45	START LOW LEVEL TEST	9	17.8	12"	.200	.695	+495	10714	+12	+258	7237	-	
16:00	CONTINUED LOW LEVEL TEST	10	14.8	12"	.695	.930	+235	7246	+12	+258	7023	-	
				12"									
				12"									
				12"									
				12"									
				12"									

10726		29. Reading No.	30. Strategy Level in Inches	31. Product in Tank (1)	31. Product in Tank (2)	35. Manual Sensor Reading	36. Change From Sensor - In	37. Compensation (+/-) Expansion - Contraction -	38. Temperature Adjustment Volume (From Expansion (-) or Contraction (+) (1231) - (1211))	39. Accumulated Change per Row (1274) (1241)			
16:05	Cont low level test	11	12.9	12"	.200	.275	+075	730	+4	+086	7011	7011	
16:10		12	12.9	12"	.275	.350	+075	734	+4	+086	7011	7022	
16:15		13	12.9	12"	.350	.425	+075	738	+4	+086	7011	7033	
16:20		14	12.9	12"	.425	.500	+075	742	+4	+086	7011	7044	
16:25		15	12.8	12"	.500	.570	+070	745	+3	+065	7005	7039	
16:30		16	12.8	12"	.570	.640	+070	748	+3	+065	7005	7034	
16:35		17	12.8	12"	.640	.710	+070	751	+3	+065	7005	7029	
16:40		Cont low level test	18	12.8	12"	.710	.780	+070	754	+3	+065	7005	7024
16:45			19	12.7	12"	.260	.320	+060	757	+3	+065	7005	7029
16:50	20		12.7	12"	.320	.380	+060	760	+3	+065	7005	7034	
16:55	21		12.7	12"	.380	.440	+060	763	+3	+065	7005	7039	
17:00	22		12.7	12"	.440	.500	+060	766	+3	+065	7005	7044	
17:05	23		12.7	12"	.500	.560	+060	769	+3	+065	7005	7049	
17:10	24		12.7	12"	.560	.620	+060	772	+3	+065	7005	7054	
17:15	Cont low level test		25	12.7	12"	.620	.680	+060	775	+3	+065	7005	7059
17:20			26	12.7	12"	.680	.740	+060	778	+3	+065	7005	7064
17:25		27	12.7	12"	.740	.800	+060	781	+3	+065	7005	7069	
17:30		28	12.7	12"	.800	.860	+060	784	+3	+065	7005	7074	
17:35		29	12.7	12"	.860	.920	+060	787	+3	+065	7005	7079	
17:40		30	12.7	12"	.920	.980	+060	790	+3	+065	7005	7084	
17:45		31	12.7	12"	.200	.260	+060	793	+3	+065	7005	7089	
17:50		32	12.7	12"	.260	.320	+060	796	+3	+065	7005	7094	
17:55		33	12.7	12"	.320	.380	+060	799	+3	+065	7005	7099	
18:00	Finish low level test	34	12.7	12"	.380	.440	+060	802	+3	+065	7005	7104	
	(7104 ÷ 2 = 7052)			12"									

P-T Tank Test Data Chart
Additional Info

1. Net Volume Change at Conclusion of Precision Test _____ gals
Signature of Tester: [Signature]
Date: 12-18-89

2. Statement:
 Tank and product handling system has been tested (and according to the Precision Test Criteria as established by H.F.P.A. publication 239. This is not intended to indicate permission of a test.)
 Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by H.F.P.A. publication 239.

It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any possible pollution to the environment as a result of the indicated failure of this system. Health Consultants incorporated does not assume any responsibility or liability for any loss of product to the environment.

Tank Owner/Operator: [Signature]
Date: 12/18/89

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



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.

P 062 127 794

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to <i>Mr. Thomas Moretti</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing Date and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800 June 1983

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

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

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

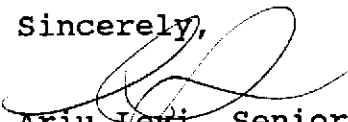
UPS
January 23, 1990
Page 5

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, OFD
Juan Bernal, La Sha Inc.
Files

UPS

Dec 28, 1989

6662 OWENS DR
PLEASANTON CA 94566

ATTN Gary Mitchell
Mike Marry

Dear Sir on Thur Dec 28, 1989

Arin Levy of Alameda County came out to the jobsite to inspect the monitoring system, AND AT THIS TIME PASSED THE SYSTEM AS ALLOWING UPS TO USE THE NEW GASOLINE DISPENSERS.

Also at this meeting Mr Levy stated that LaSha inc. can not proceed until U.P.S. writes him a letter stating the following

- 1 UPS will test existing pipe trench for contamination
- 2 UPS Agrees to petrotight the Diesel tank AFTER NEW PIPING IS CONNECTED
- 3 IF 2nd test should fail UPS Agrees to Abide by whatever Remedial plan the County Requires
- 4 IF test show Soil is contaminated UPS Agrees to Abide by whatever Remedial

Plan the County Requires.

AS SOON AS this letter that Mr Levy
Requires is Drafted please Fax me a copy
so that I may hand Deliver it to him so
that we can proceed to finish this project

My Jobsite Fax # is 635-0180

My OFFICE Fax # is 552-4128

your prompt Attention to this matter
is greatly Appreciated

Very truly yours
Juan A. Benel

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320**

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 24th Street, 16th Floor
Oakland, CA 94612
Telephone: (415) 534-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project prepared herein is now referred to for issuance of any required building permits for construction.

A copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

A schedule or alterations of these plans and specifications must be submitted to this Department and to the firm and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- Removal of Tank and Piping
- Sampling
- Final Inspection

Presence of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Handwritten signature and date: 10/6/85

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name United Parcel Service
Business Owner United Parcel Service
2. Site Address 7400 Pardee
City Oakland, CA zip 94612 Phone 633-4037
3. Mailing Address 6662 Owens Drive
City Pleasanton, CA zip 94566 Phone 847-2271
4. Land Owner Leased from Port of Oakland
Address 66 Jack London Square city, state Oakland, CA zip 94607
5. EPA I.D. No. CAD 097-075-709
6. Contractor ~~Not Assigned Yet~~ LA Sha INC.
Address 15 Brush Pl
City San Francisco CA Phone 553-4100
License Type B ID# 330276
7. Consultant W.B. Clausen, Structural Engineer
Address 780 West Grand Avenue
City Oakland, CA Phone 444-4144

8. Contact Person for Investigation

Name Dave Shockley Title Plant Engineer Manager
Phone 633-4037

9. Total No. of Tanks at facility 7

10. Have permit applications for all tanks been submitted to this office? Yes [X] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

b) Rinsate Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

PIPE^{c)} ~~Tank~~ Transporter

Name ERICKSON INC. EPA I.D. No. COD-009-466-392
Address 255 Parr Blvd
City RICHMOND State CA Zip _____

d) Tank Disposal Site

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

e) Contaminated Soil Transporter

Name ERICKSON INC EPA I.D. No. CAD-009-466-392
Address 255 Parr Blvd
City RICHMOND State CA Zip _____

12. Sample Collector

Name ~~##~~ Mark Christenson
 Company McLaren inc
 Address 988 Atlantic ave Suite 100
 City Alameda State CA zip 94501 Phone 521-5200

13. Sampling Information for each tank or area

Tank or Area		Material sampled <i>To be</i>	Location & Depth
Capacity	Historic Contents (past 5 years)		
<u>10 K Gal</u> N/A	<u>Gas</u>	<u>Soil</u>	<u>Every 20'</u>

14. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

15. NFPA methods used for rendering tank inert? Yes [] No [X]

If yes, describe. N/A

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name ~~##~~ McLaren ENVIRONMENTAL Analytical Lab.
 Address 11101 Whit rock rd.
 City Rancho Cordova State CA zip 95670
 State Certification No. 164 EXP 10-9-90

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
N/A	8015 EPA # 8020 NE EPA #	N/A

18. Submit Site Safety Plan

19. Workman's Compensation: Yes [X] No []

Copy of Certificate enclosed? Yes [] No [X]

Name of Insurer Liberty Mutual Ins. Co. Westin Mass.

20. Plot Plan submitted? Yes [X] No []

21. Deposit enclosed? Yes [X] No []

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) LA Sha INC

Signature Juan Bernal

Date 10-6-89

Signature of Site Owner or Operator

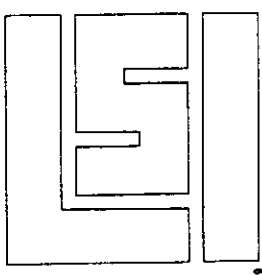
Name (please type) GARY Mitchell PROJECT ENGR.

Signature Gary Mitchell Project Engnr

Date 5/22/89

Juan Bernal
Job Superintendent
Field # 638-0660

LA SHA INC
15 Brush Place
San Francisco 94103
(415) 553-4100
FAX 553-4128



NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A
SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

The plan should consists of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale
- b) North Arrow
- c) Property Line
- d) Location of all Structures
- e) Location of all relevant existing equipment including tanks and piping to be removed
- f) Streets
- g) Underground conduits, sewers, water lines, utilities
- h) Existing wells (drinking, monitoring, etc.)
- i) Depth to ground water
- j) All existing tanks in addition to the ones being pulled

rev. 9/88
mam