



Consulting • Engineering • Remediation

March 26, 1999  
Project: 6908-050-200

Mr. Barny Chan  
Alameda County Department of Environmental Health  
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(916) 362-7100  
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Subject: **USTs Closure Report**  
Oakland International Airport  
United Airlines Building M-110  
1100 Airport Drive, Oakland, California

Dear Mr. Chan:

ENSR Corporation (ENSR) on behalf of United Airlines, is submitting this report documenting the closure of four underground storage tanks (USTs), located at the Oakland International Airport, United Airlines Building M-110, 1100 Airport Drive, Oakland, California. An Underground Tank Closure Plan was submitted to the City of Oakland Fire Services Agency prior to the startup of field activities.

Marcor Remediation, Inc. (Marcor) abandoned in-place, two 8,500-gallon Aer-O-Foam USTS, located near the southeast corner of Building M-110. Marcor removed one 10,000-gallon diesel fuel UST and one 10,000-gallon unleaded gasoline UST, located on the north side of Building M-110. An Over-Excavation Plan was submitted to the City of Oakland Fire Services Agency prior to the startup of field activities. Approximately 758 cubic-yards of soil were removed and properly disposed of during over-excavation activities.

If you have any questions or comments regarding this report, please give us a call Alan Klein at (916) 362-7100.

Sincerely,

ENSR

Alan J. Klein, R.E.A.  
Senior Environmental Scientist

Alan D. Gibbs, R.G., C.H.G.  
Department Manager

CC: Mr. Leroy Griffin, City of Oakland Fire Services Agency  
Mr. Dale Klettke, Port of Oakland Environmental Compliance Department  
Mr. Steve Morse, San Francisco Bay RWQCB  
Mr. Dennis Moulton, United Airlines  
Mr. Steven Sulgit, United Airlines  
Mr. Daniel Tisoncik, United Airlines  
Mr. Gene Barr, United Airlines  
Mr. Ted Wells, United Airlines

**UNDERGROUND STORAGE TANKS  
CLOSURE REPORT**

**OAKLAND INT'L AIRPORT  
UNITED AIRLINES BLDG. M-110  
1100 Airport Drive  
Oakland, California**

**March 1999**

**Prepared For:  
Alameda County  
Department of Environmental Health**

**On Behalf Of:  
United Airlines**

**Prepared By:  
ENSR Corporation  
10324 Placer Lane, Suite 200  
Sacramento, California 95827  
(916) 362-7100**

**ENSR Project No: 6908-050-200**

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## EXECUTIVE SUMMARY

This report documents the results of the abandonment in-place of two underground storage tanks (USTs), and the removal of two USTs, performed at the Oakland International Airport, United Airlines Building M-110, 1100 Airport Drive, Oakland, California. An Underground Tank Closure Plan (UTCP) was submitted to the City of Oakland Fire Services Agency prior to the startup of field activities.

Mr. Dale Klettke, with the Port of Oakland, Environmental Health & Safety Compliance, filed an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report (URL), dated August 14, 1998, with the State of California Regional Water Quality Control Board (RWQCB). The URL was submitted for the two 10,000-gallon fuel tanks. The state identification number for this site is STID No.1049.

Marcor Remediation, Inc. (Marcor) abandoned in-place, two 8,500-gallon Aer-O-Foam USTs, located near the southeast corner of Building M-110. The Aer-O-Foam USTs extend under an airport security fence and guardhouse, therefore the City of Oakland, Fire Services Agency, granted permission for abandonment in-place.

Marcor removed one 10,000-gallon diesel fuel UST and one 10,000-gallon unleaded gasoline UST, located on the north side of Building M-110. An Over-Excavation Plan (OEP) was submitted to the City of Oakland Fire Services Agency prior to the startup of field activities. Approximately 758 cubic-yards of soil were removed and properly disposed of during over-excavation activities. ENSR, assisted by Marcor, collected ten soil samples from the excavation sidewalls and one groundwater sample from the excavation floor.

Based on laboratory analytical results, it appears that the extent of petroleum hydrocarbon impacted soil has been removed, with exception of the southeast corner of the excavation outline. Additional excavation in this direction was discontinued due to the close proximity of the United Airlines hangar.

The analytical results of the groundwater sample, indicates that shallow groundwater was impacted beneath the removed USTs. However, because the source has been removed, a reduction in mass, mobility, and concentration of residual petroleum hydrocarbons in groundwater will continue at this site as a result of natural attenuation.

Based on source removal, and no apparent threat to human health or the environment, ENSR is requesting **"No Further Action"** for this site, from the Alameda County Environmental Health Department, and the San Francisco Bay Regional Water Quality Control Board (RWQCB).

## 1.0 INTRODUCTION

This report documents the results of the abandonment in-place of two underground storage tanks (USTs), and the removal of two USTs, performed at the Oakland International Airport, United Airlines Building M-110, 1100 Airport Drive, Oakland, California (Figure 1). An Underground Tank Closure Plan (UTCP) was submitted to the City of Oakland Fire Services Agency prior to the startup of field activities (Appendix A).

On January 8, 1999, Marcor completed abandoned in-place activities for two 8,500-gallon Aer-O-Foam USTs, located near the southeast corner of Building M-110 (Figure 2). The Aer-O-Foam USTs extend under an airport security fence and guardhouse, therefore the City of Oakland, Fire Services Agency granted permission for abandonment in-place.

On January 15, 1999, Marcor Remediation, Inc. (Marcor), removed one 10,000-gallon diesel fuel UST, one 10,000-gallon unleaded gasoline UST, a dispenser island and associated piping (Figure 3). Approximately 758 cubic-yards of soil were removed and properly disposed of during over-excavation activities (Figure 4).

### 1.1 Background

In 1972, two 8,500-gallon USTs were installed at the site. Both USTs were single-walled steel tanks. Both USTs No.MF37 and No.MF38 contained Aer-O-Foam, a fire suppression material consisting of a mixture of animal protein and ethylene glycol.

In 1972, two 10,000-gallon USTs and Dispenser Island were installed at the site. Both USTs were single-walled steel tanks. Tank No.MF35 contained diesel fuel and Tank No.MF36 contained diesel fuel, gasoline

On October 22 and 23, 1997, a subsurface investigation in the vicinity of the Aer-O-Foam USTs (No.MF37 and No.MF38) was conducted by Burns & McDonnell (B&M) on behalf of United Airlines. Analytical results from the subsurface investigation did not identify the presence of ethylene glycol in soil or groundwater. A copy of Tables and Figures from the B&M letter-report addressed to United Airlines and dated October 27, 1997, is presented in Appendix B.

On October 22 and 23, 1997, a subsurface investigation in the vicinity of the vehicle fuel USTs (No.MF35 and No.MF36) was conducted by Burns & McDonnell (B&M) on behalf of United Airlines. Analytical results from the subsurface investigation reported elevated concentrations of diesel fuel, jet fuel, gasoline, benzene, and methyl tert-butyl ether (MTBE) in soil and groundwater. A copy of Tables and Figures from the B&M letter-report addressed to United Airlines and dated October 27, 1997, is presented in Appendix B.

On August 14, 1998, Mr. Dale Klettke, with the Port of Oakland, Environmental Health & Safety Compliance, filed an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report (URL), with the State of California Regional Water Quality Control Board (RWQCB). The URL was submitted for two 10,000-gallon fuel tanks. A copy of the URL is presented in Appendix B.

The state identification number for this site is STID No.1049. The state and the Alameda County Health Services Agency identifies the USTs at this site as follows:

<u>Identification Number</u>	<u>Tank Size and Contents</u>
01-000-000274-000004	10,000-gallon diesel fuel
01-000-000274-000005	10,000-gallon unleaded gasoline
01-000-000274-000006	8,500-gallon Aer-O-Foam
01-000-000274-000007	8,500-gallon Aer-O-Foam

The Port of Oakland identifies the USTs at this site as follows:

<u>Identification Number</u>	<u>Tank Size and Contents</u>
MF35	10,000-gallon diesel fuel
MF36	10,000-gallon unleaded gasoline
MF37	8,500-gallon Aer-O-Foam
MF38	8,500-gallon Aer-O-Foam

The City of Oakland Fire Services Agency identifies the site as Facility No. 000568, and the USTs as follows:

<u>Identification Number</u>	<u>Tank Size and Contents</u>
0980-02	10,000-gallon diesel fuel
0980-01	10,000-gallon unleaded gasoline
0980-03	8,500-gallon Aer-O-Foam
0980-04	8,500-gallon Aer-O-Foam

On March 9, 1999, during a telephone conversation with Mr. Hernan Gomez, Hazardous Materials Inspector, City of Oakland, Fire Services Agency, Mr. Gomez stated to ENSR, that the registration status for these USTs is listed as permanently closed.

## 2.0 UST ABANDONMENT IN-PLACE

Two 8,500-gallon Aer-O-Foam USTs are located near the southeast corner of Building M-110 (Figure 2). The Aer-O-Foam USTs extend under an airport security fence and guardhouse, therefore the City of Oakland, Fire Services Agency, granted permission for abandonment in-place. Marcor obtained the necessary abandonment in-place permits and submitted an Underground Tank Closure Plan (UTCP) to the City of Oakland Fire Services Agency. A copy of the UTCP is presented in Appendix A.

On January 5, 6, 7, and 8, 1999, Marcor performed abandoned in-place activities of two 8,500-gallon Aer-O-Foam USTs. The liquid contents of the USTs was pumped into 55-gallon Department of Transportation (DOT) drums. The remaining sludge was hand shoveled into 55-gallon DOT drums by performing a confined space entry. The tanks and underground piping were triple rinsed and backfilled with a sand/cement slurry mix. The 55-gallon DOT drums were transported as non-RCRA hazardous waste liquid, and disposed of at US Filter Recovery, located in Los Angeles, California. Copies of the waste manifests are presented in Appendix C.

The USTs and associated underground piping were backfilled with a cement slurry mix. Aboveground piping, including vent pipes were removed. A brass plaque marking the abandoned tank locations was visibly mounted at ground surface. Mr. Hernan E. Gomez of the City of Oakland Fire Services Agency was present during the USTs abandonment in-place.

## 3.0 UST REMOVAL

Two 10,000-gallon vehicle fuel USTs were located on the north side of Building M-110 (Figure 3). Marcor obtained the necessary removal permits and submitted an Underground Tank Closure Plan (UTCP) to the City of Oakland Fire Services Agency. A copy of the UTCP is presented in Appendix A.

On December 24, 1998, ENSR submitted an Over-Excavation Plan (OEP) and UST Permit Application Forms A&B to the City of Oakland Fire Services Agency. A copy of the OEP and UST Permit Application Forms A&B are presented in Appendix A.

On January 15, 1999, Marcor removed one 10,000-gallon diesel fuel UST, one 10,000-gallon gasoline UST, dispenser island and associated piping. The USTs were purged of flammable vapors by applying dry ice to displace any flammable vapors and an oxygen meter was used to check the lower explosive level (LEL) prior to removal. Mr. Hernan Gomez of the City of Oakland Fire Services Agency was present during the USTs removal.

The USTs were loaded and transported as Non-RCRA hazardous waste solids and disposed of at Erickson Inc., in Richmond, California. A copy of the waste manifests is presented in Appendix C.

#### 4.0 OVER-EXCAVATION

On January 15, 16, 18 and 19, 1999, over-excavation activities were performed by Marcor under the direction of ENSR. The OEP was implemented to remove petroleum hydrocarbon impacted soil observed during the USTs removal. The extent of over-excavation of the subject area was limited to the south due to the presence of the United Airlines hangar. Approximately 758 cubic-yards of petroleum hydrocarbon impacted soil was removed, loaded, and transported to TPS Technologies Inc., located in Richmond, California, and remediated by thermal desorption. A copy of the waste manifest is presented in Appendix C.

Upon completion of over-excavation, ENSR collected a total of ten soil samples from the excavation sidewalls and one groundwater sample (EXB-1) from within the excavation. Grab soil samples were collected from the excavator bucket operated by Marcor, and a groundwater sample was collected using a new disposable bailer. The sample identifications and locations are depicted in Figure 4.

Soils encountered to depths of ten feet below ground surface (bgs) consisted of fine sand. Soils encountered greater than 10 feet bgs consisted of Bay Mud. During the USTs excavation activities, groundwater was observed at 6.5 feet bgs. De-watering activities commenced during over-excavation activities. Approximately 12,000 gallons of groundwater were pumped from the excavation pit into a 20,000-gallon storage tank prior to offsite disposal. One purge water sample (PW-1) was collected for waste characterization from the storage tank, using a new disposable bailer.

On January 19, 1999, over-excavation activities were completed and the excavation pit was backfilled with clean fill material from an offsite source. Compaction tests and resurfacing with asphalt were performed under the direction of Marcor.

#### 4.1 Laboratory Analysis

Soil and groundwater samples were submitted to McCampbell Analytical Inc., a California state certified analytical laboratory, for chemical analysis. Soil and groundwater samples were analyzed by the following Environmental Protection Agency (EPA) analytical methods:

- EPA Method 8015, for total petroleum hydrocarbons (TPH) as diesel fuel;
- EPA Method 8015, for TPH as gasoline;
- EPA Method 8020, for Benzene, Toluene, Xylenes, and Ethylbenzene (BTXE); and
- EPA 8260, for MTBE.

Wastewater characterization analysis (sample PW-1) included:

- Total threshold limit concentration (TTLC) for lead;
- pH; and
- Flash point.

#### 4.2 Laboratory Results

Soil, groundwater, and wastewater sample results are summarized below and in Tables 1 and 2. The laboratory analytical report is presented in Appendix D.



#### 4.2.1 Soil Samples

The following Constituents of concern were detected in soil samples collected from the excavation side walls:

- In soil sample SW-1-6', laboratory results detected the presence of TPH as diesel fuel at 16,000 milligrams per kilogram (mg/kg), gasoline at 530 mg/kg, and benzene at 1.9 mg/kg.
- In soil sample EW-1-8', laboratory results detected the presence of gasoline at 2.4 mg/kg, and benzene at 0.65 mg/kg.
- MTBE was detected in soil samples SW-2-10' at 49 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), SW-3-6' at 5.5  $\mu\text{g}/\text{kg}$ , EW-1-8' at 7.8  $\mu\text{g}/\text{kg}$ , and in EW-2-9.5' at 22  $\mu\text{g}/\text{kg}$ .

#### 4.2.2 Groundwater and Purge Water Samples

In groundwater sample EXB-1, laboratory results detected the presence of TPH as diesel fuel at 7,300 micrograms per liter ( $\mu\text{g}/\text{L}$ ), gasoline at 14,000  $\mu\text{g}/\text{L}$ , benzene at 1,100  $\mu\text{g}/\text{L}$  and MTBE at 130  $\mu\text{g}/\text{L}$ .

In purge water sample PW-1, laboratory results detected the presence of TPH as diesel fuel at 5,300  $\mu\text{g}/\text{L}$ , gasoline at 16,000  $\mu\text{g}/\text{L}$ , benzene at 280  $\mu\text{g}/\text{L}$ , and MTBE at 110  $\mu\text{g}/\text{L}$ . Additional laboratory analysis for waste characterization did not detect the presence of Total lead at or above the detection limit. Ignitability was reported not detected at  $>100 \pm 2^\circ \text{C}$ , and pH was reported at 7.60 @  $21^\circ \text{C}$ .

### 5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on laboratory analytical results, it appears that the extent of petroleum hydrocarbon impacted soil has been removed, with exception of the southeast corner of the excavation outline. Additional excavation in this direction was discontinued due to the close proximity of the United Airlines hangar.

The analytical results of groundwater sample EXB-1 indicate that shallow groundwater was impacted beneath the removed USTs. However, because the source has been removed, a reduction in mass, mobility, and concentration of residual petroleum hydrocarbons in groundwater will continue at this site as a result of natural attenuation.

Based on source removal, and no apparent threat to human health or the environment, ENSR is requesting "**No Further Action**" for this site, from the Alameda County Environmental Health Department, and the San Francisco Bay Regional Water Quality Control Board (RWQCB).

### 6.0 LIMITATIONS

This report documents the procedures and results of a UST removal project, and has been prepared on behalf of United Airlines, under the master service agreement dated December 31, 1996. In performing our professional services, we have attempted to apply present engineering and scientific judgment and use a level of effort consistent with the standard of practice measured on the date the work was performed in the locale of the project site for similar type studies.

TABLE 1  
ANALYTICAL RESULTS - SOIL SAMPLES  
Oakland International Airport  
United Airlines Building M-110

Sample ID	Date Collected	Total Petroleum Hydrocarbons		MTBE (µg/Kg)	Volatile Organic Compounds			
		Diesel (mg/kg)	Gasoline (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
SW-1-6'	1/15/99	16,000	530	ND<100	1.9	0.71	0.74	1.9
SW-2-10'	1/15/99	ND	ND	49	ND	ND	ND	ND
SW-3-6'	1/15/99	ND	ND	5.5	ND	ND	ND	ND
SW-4-10'	1/15/99	ND	ND	ND	ND	ND	ND	ND
EW-1-8'	1/15/99	ND	2.4	7.8	0.65	0.033	0.12	0.13
EW-2-9.5'	1/18/99	ND	ND	22	ND	ND	ND	ND
WW-1-8'	1/15/99	ND	ND	ND	ND	ND	ND	ND
WW-2-9'	1/18/99	ND	ND	ND	ND	ND	ND	ND
NW-1-9'	1/18/99	ND	ND	ND	ND	ND	ND	ND
NW-2-9.5'	1/18/99	ND	ND	ND	ND	ND	ND	ND
Reporting Limit		1.0	1.0	5.0	0.005	0.005	0.005	0.005

Notes:

MTBE = Methyl tert-Butyl Ether, reported in micrograms per Kilogram (µg/Kg)

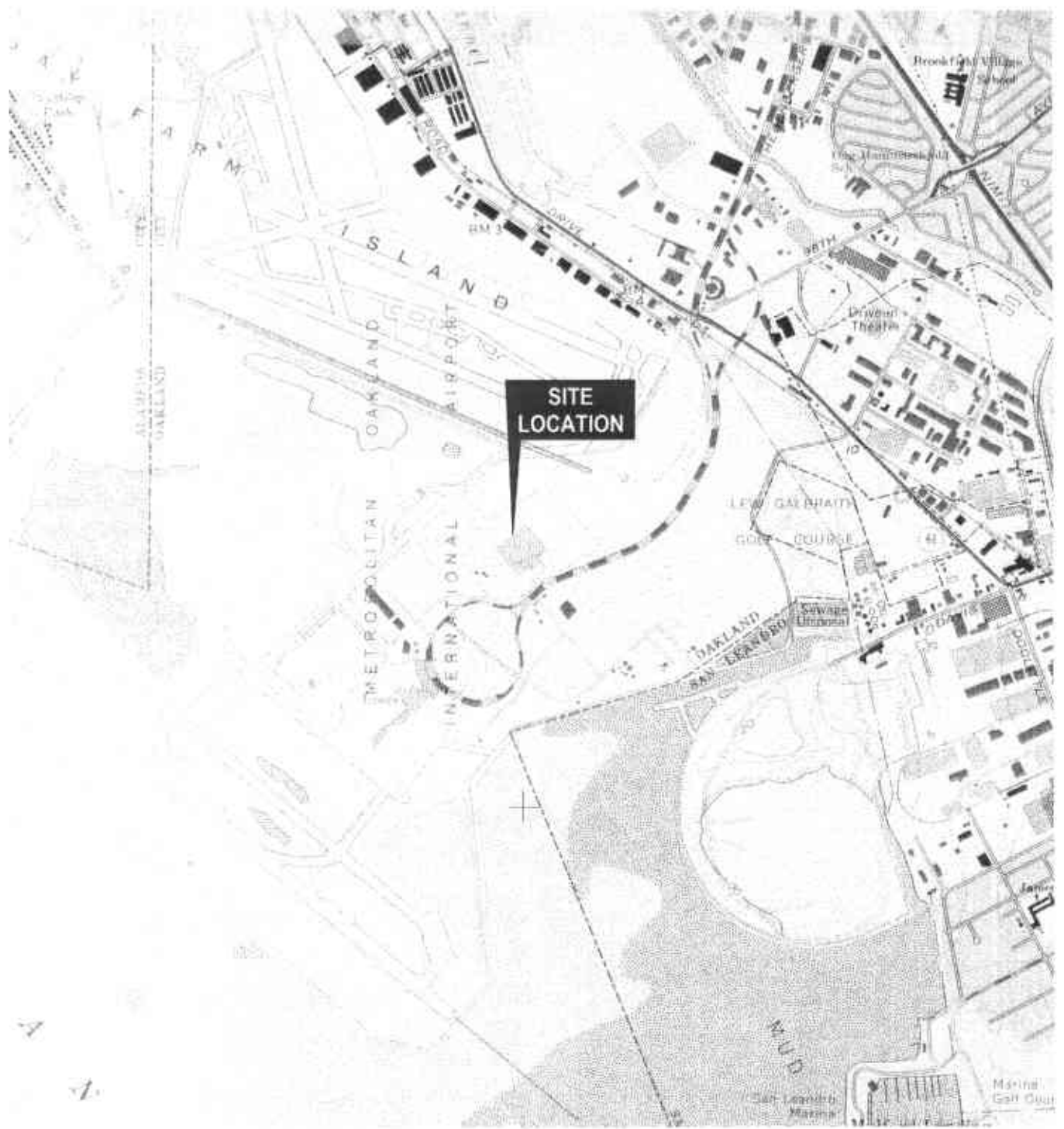
ND = Not Detected above laboratory reporting limit

TABLE 2  
 ANALYTICAL RESULTS – GROUNDWATER AND PURGE WATER  
 Oakland International Airport  
 United Airlines Building M-110

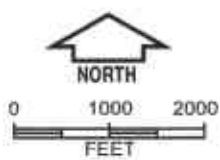
Sample ID	Date Collected	Depth (ft. bgs.)	Total Petroleum Hydrocarbons		MTBE (µg/L)	Volatile Organic Compounds				Lead TTLC (mg/L)	pH	Ignitability
			Diesel (µg/L)	Gasoline (µg/L)		Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)			
EXB-1	1/18/99	10	7,300	14,000	130	1,100	2,200	530	3,000	NA	NA	NA
PW-1	1/18/99	–	5,300	16,000	110	280	1,700	330	3,200	ND	7.6@21°C	ND>100
Reporting Limit			50	50	1.0	0.5	0.5	0.5	0.5	0.005	+/- 0.05	+/- 2°C

Notes:

- ft. bgs. Feet below ground surface
- TTLC Total Threshold Limit concentration
- MTBE Methyl tert-Butyl Ether
- NA Not analyzed
- ND Not detected above laboratory reporting limits
- µg/L micrograms per Liter



USGS 7.5 MINUTE  
SAN LEANDRO, CA QUADRANGLE  
1959, PHOTOREVISED 1980



**ENSR.**

**FIGURE 1  
SITE LOCATION MAP**

United Airlines  
Oakland International Airport  
Oakland, CA

DRAWN: J. Gierak

DATE: 9/22/98

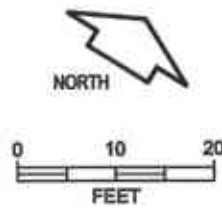
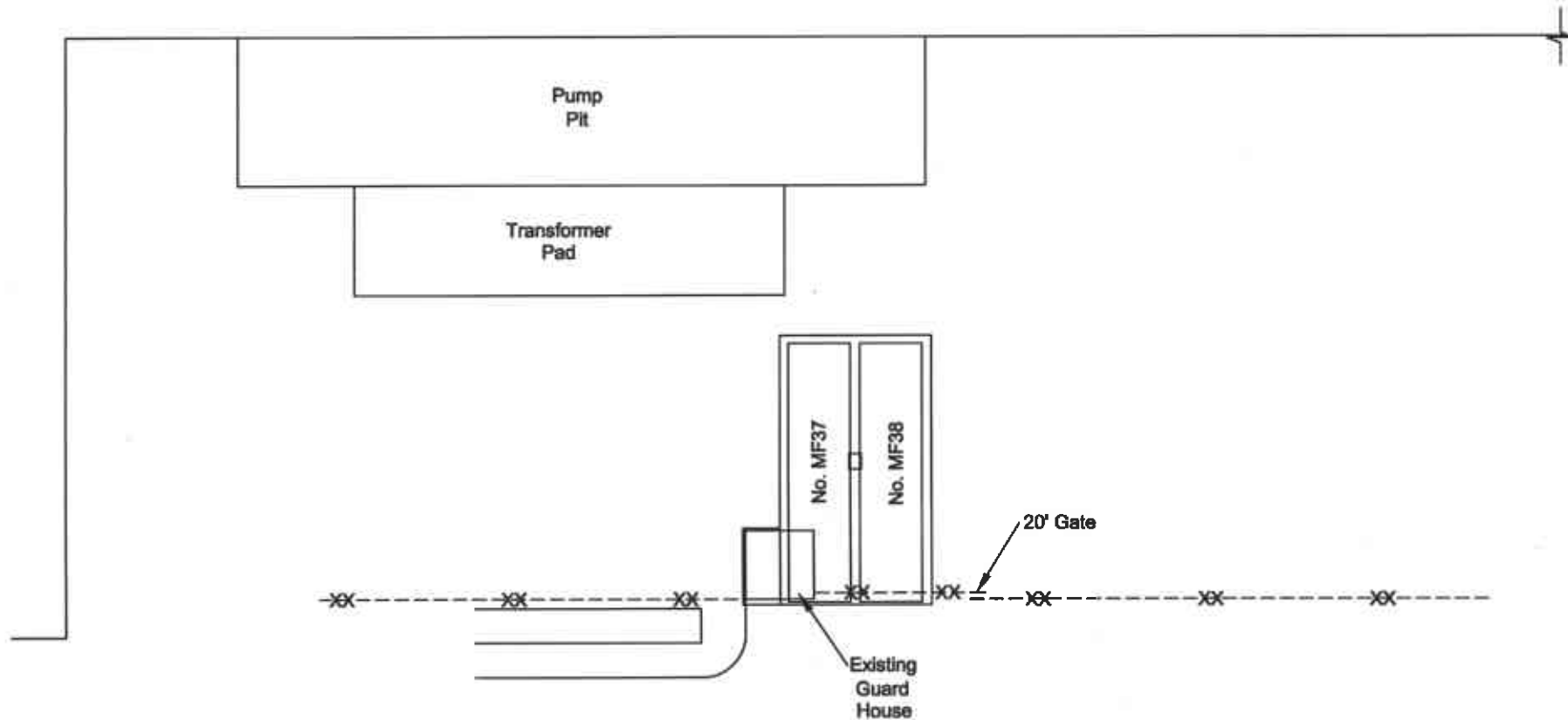
PROJECT NO:

REV.

FILE: Enr\FR0805\U4A\_let.dwg

6908-050-200

Building M-110

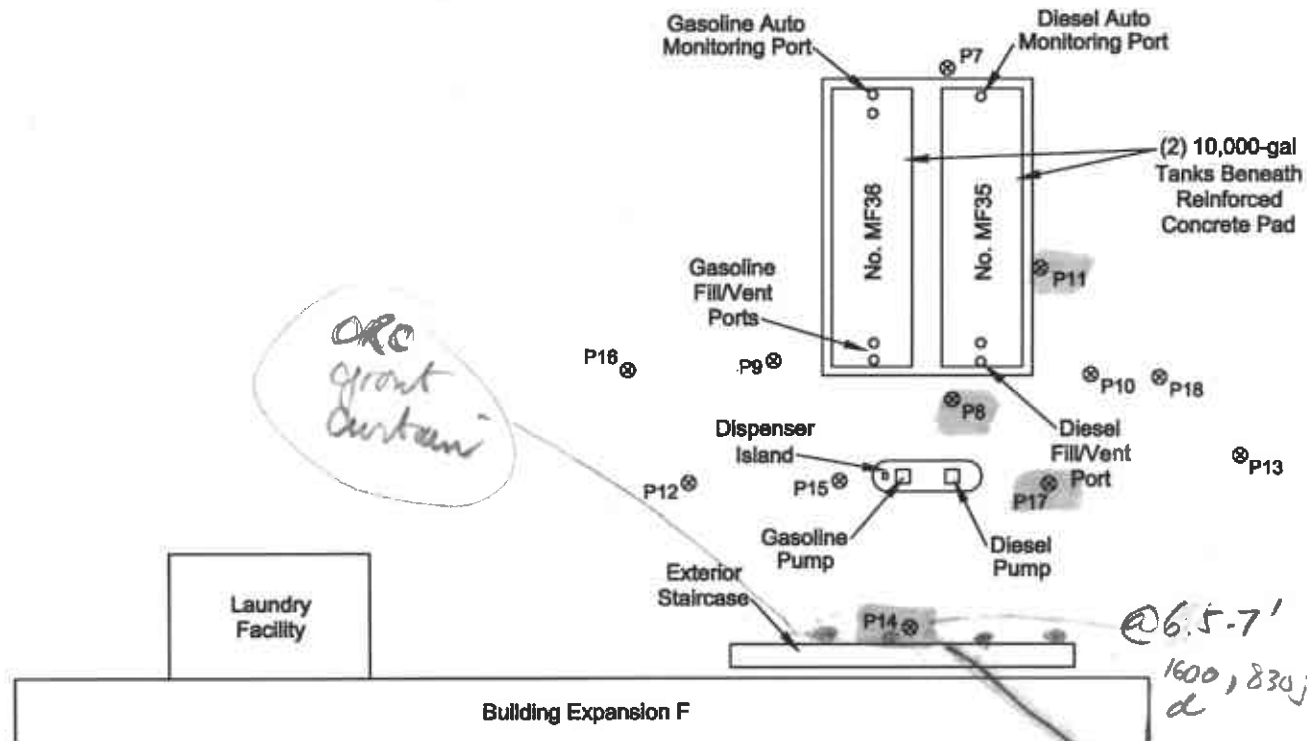


**ENSR.**

**FIGURE 2  
UST ABANDONMENT IN-PLACE  
SITE PLAN**

United Airlines  
Oakland International Airport  
Oakland, CA

DRAWN: J. Gierk	DATE: 3/12/99	PROJECT NO: 6908-050-200	REV.
FILE: Ensr6908050UAL_Plan2.dwg			



*orc  
grout  
curtain*

*N*

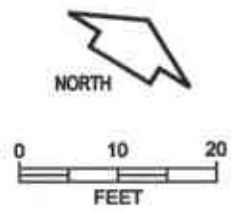
*anticipated  
gradient*

*@6.5-7'*

*1600, 830 jf, 1.4, 1.005, .0054, .00, .00*

**LEGEND**

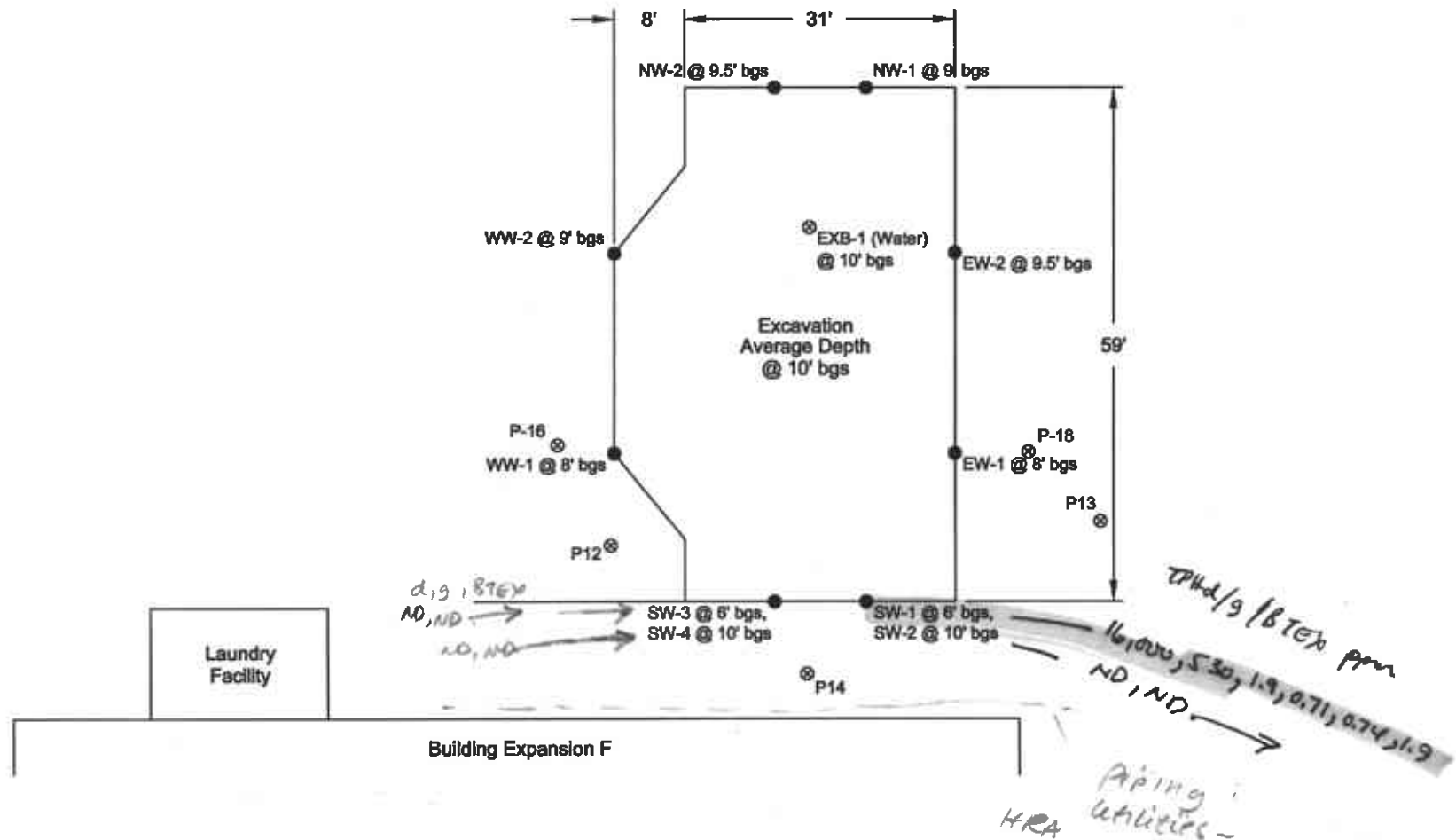
⊗ P13 Geoprobe Locations by Burns & McDonnell, 1997



**ENSR.**

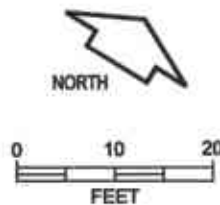
**FIGURE 3**  
**UST REMOVAL SITE PLAN**  
United Airlines  
Oakland International Airport  
Oakland, CA

DRAWN: J. Glerek	DATE: 3/12/99	PROJECT NO: 6908-050-200	REV.
FILE: Ensr6908050UAL_Plan.dwg			



**LEGEND**

- Soil Samples Collected by ENSR, January 1999
- WW-1 @ 8' bgs
- ⊗ P13 Geoprobe Locations by Burns & McDonnell, 1997



**ENSR.**

**FIGURE 4  
OVER-EXCAVATION DETAIL**

United Airlines  
Oakland International Airport  
Oakland, CA

DRAWN: J. Glerek	DATE: 2/23/99	PROJECT NO: 6908-050-200	REV.
FILE: Ensr6908050UAL_Plan3.dwg			

**APPENDIX A**  
**UTCP AND OEP**



CITY OF OAKLAND  
Fire Services Agency  
Office of Emergency Services  
Hazardous Materials Program  
505-14th St., Suite 702  
Oakland, CA 94612

UNDERGROUND TANK CLOSURE PLAN  
(Complete according to instructions)

- 1) Name of Business United Airlines  
Business Owner or Contact Person (PRINT) Dennis Moulton
- 2) Site Address 1100 Airport Drive  
City Oakland Zip 94621 Phone 510-382-8020  
Mailing Address 1100 Airport Drive  
City Oakland Zip 94621 Phone 510-382-8020
- 4) Property Owner Port of Oakland  
Business Name (if applicable) \_\_\_\_\_  
Address 530 Water Street  
City, State Oakland, California Zip 94607
- 5) Generator name under which tank will be manifested  
United Airlines
- EPA ID Under which tank will be manifested CA CAD982408031

6) Contractor MARCOR Remediation, Inc.  
Address 14072 CATALINA STREET  
City SAN LEANDRO Phone (510) 614-9444  
License Type CEN-A H HAZ IDS \_\_\_\_\_

Effective January 1, 1992, Business and Professional Code Section 7058.7 require contractors to also hold Hazardous Waste certification issued by the State Contractor License Board

7) Consultant (if applicable) Peter Rasco, ENSR  
Address 1420 Harbor Bay Parkway Suite 160  
City, State Alameda, California Phone 510-748-6700

8) Main Contact Person for Investigation (if applicable)  
Name Peter Rasco Title Client Service Center Manager  
Company ENSR  
Phone 510-748-6700

9) Number of underground tanks being closed with this plan 4 (Confirmed with owner operator)

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

\*\*Underground storage tanks must be handled as hazardous waste \*\*

a) Product/Residual Sludge/Rinsate Transporter  
Name H. G. CHEMICAL EPA I.D. NO. CAD 980675896  
Hauler License No. 1165 License Exp. Date 4/30/99  
Address 1495 INDUSTRIAL AVENUE  
City SAN JOSE State CA Zip 95112

b) Product/Residual Sludge/Rinsate Disposal Site  
Name U.S. Filter EPA ID No. CAD 982444481  
Address 5375 So Boyle Avenue  
City Los Angeles State CA Zip 90058

c) Tank and Piping Transporter

Name E.C.I EPA I.D. No. CAD 009 466 392

c) Hauler License No. 1533 License Exp. Date 3/31/99

Address 255 PARR BLVD.

City Richmond State CA Zip 94605

d) Tank and Piping Disposal Site

Name E.C.I EPA I.D. No. CAD 009 466 392

Address 255 PARR BLVD

City Richmond State CA Zip 94605

11) Sample Collector

Name Alan Klein or Steve Sornborn

Company ENSR

Address 10324 Placer Lane, Suite 200

City Sacramento State CA Zip 95827

Phone 916-362-7100

12) Laboratory

Name McCampbell Analytical, Inc.

Address 110 2nd Avenue South, #D7

City Pacheco State CA Zip 94553-5560

State Certification No. 1644

13) Have tanks or pipes leaked in the past Yes  No  Unknown

If yes, describe (See page 3a for description)

\_\_\_\_\_  
\_\_\_\_\_

On October 22 and 23, 1997, a subsurface investigation was conducted by Burns & McDonnell, under the direction of United Airlines.

A soil sample (P8-SB1) collected near the 10K USTs, identified the presence of diesel fuel at 5,800 mg/Kg, jet fuel at 4,500 mg/Kg, gasoline at 2,900 mg/Kg, benzene at 32,000 ug/Kg and MTBE at 50,000 ug/Kg.

A groundwater sample (P8-GW) collected near the 10K USTs, identified the presence of diesel fuel at 21,000 mg/L, jet fuel at 17,000 mg/L, gasoline at 70,000 mg/L, benzene at 20,000 ug/L and MTBE at 1,100 ug/L.

14) Describe methods to be used for rendering tank (s): inert:

See Specifications Section 02091.

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

The Bay Area Air Quality Management District, 415/771-6000 must also be contacted for tank removal permit. The use of a combustible gas indicator to verify tank inertness is required. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert. Note: you may be required to recalibrate the combustible gas indicator on site, to show that it is working properly.

15) Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Capacity	Tank ID Use History (Installed Date, Last Used, Estimated)	Material to be removed (oil, contents, soil, groundwater)	Location of Sampling
10K	Installed 1972 Remains in Use	Unleaded Gasoline	Sidewalls at Soil Water Interface
10K	Installed 1972 Remains in Use	Diesel Fuel	Tank Bottom
8.5K	Installed 1972 Date Last Used Unknown	Aer-O-Foam	1 Soil Sample Every 20 Linear Feet of Piping
8.5K	Installed 1972 Date Last Used Unknown	Aer-O-Foam	Beneath Pump Islands 1 at Each End and 1 Below Each Dispenser

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

### EXCAVATED/STOCKPILED SOIL

<b>Stockpiled Soil volume (estimated)</b> 300 cubic yards	<b>Sampling Plan</b> Two 4-point composites Not to be used for backfill
--	---

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

Will the excavated soil be returned to the excavation immediately after tank removal?

yes     
  No     
  unknown

If yes, explain reasoning \_\_\_\_\_

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Fire Services Agency, Office of Emergency Services. This means that the contractor, consultant, or responsible party must communicate with the Hazardous Materials Inspector **IN ADVANCE** of backfilling operations.

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.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit Soil / Water
Diesel	Soil-GCFID (3550)	Water-GCFID (3510)	1.0 mg/kg / 50 mg/L
Unleaded Gas.	Soil-GCFID (5030)	Water-GCFID (5030)	1.0 mg/kg / 50 mg/L
Jet Fuel	SAA + (8020)	SAA + (602, 624 or 8260)	SAA + BTEX
BTEX	Soil-(8020)	Water-(602, 624 or E260)	0.005 mg/kg 0.5 mg/L
MTBE	Soil-(8260)	Water-(8260)	20 mg/kg / 2.0 mg/L

18. Submit Workers Compensation Certificate copy

Name of Insurer: SEE ATTACHED

19. Submit Plot Plan \*\*\* (Be Instructions) \*\*\*

20. Enclose Permit fee (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report, (ULR) form.

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

23. Submit State (Underground storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed in the upper right hand corner)

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

I understand that information, in addition to that proved above, may be needed in order to obtain approval from the Hazardous Materials Division 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 City of Oakland.

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

**CONTRACTOR INFORMATION**

Name of Business SEE ATTACHED

Name of Individual \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

# ACORD CERTIFICATE OF LIABILITY INSURANCE

CSR E2  
MARCOR1

DATE (MM/DD/YY)  
05/28/98

**PRODUCER**

Lockton Insurance Brokers, Inc  
725 S. Figueroa St., 35th Fl.  
Los Angeles CA 90017

Phone No. 213-689-0065 Fax No. 213-689-0550  
INSURED

MARCOR Remediation, Inc.  
14072 Catalina street  
San Leandro CA 94577

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 A	Zurich Insurance Co.
COMPANY B	American Guarantee & Liability
COMPANY C	Steadfast Insurance Co.
COMPANY D	

**COVERAGES**

THIS IS TO CERTIFY THAT THE 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)	LIMITS
A	<p>GENERAL LIABILITY</p> <p><input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY</p> <p><input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR</p> <p><input type="checkbox"/> OWNER'S &amp; CONTRACTOR'S PROT</p> <p><input checked="" type="checkbox"/> Asbestos/Lead Liability</p>	AAO 3652556-02	02/24/98	02/24/99	<p>GENERAL AGGREGATE \$1,000,000</p> <p>PRODUCTS - COMP/OP AGG \$1,000,000</p> <p>PERSONAL &amp; ADV INJURY \$1,000,000</p> <p>EACH OCCURRENCE \$1,000,000</p> <p>FIRE DAMAGE (Any one fire) \$300,000</p> <p>MED EXP (Any one person) \$5,000</p>
B	<p>AUTOMOBILE LIABILITY</p> <p><input checked="" type="checkbox"/> ANY AUTO</p> <p><input type="checkbox"/> ALL OWNED AUTOS</p> <p><input type="checkbox"/> SCHEDULED AUTOS</p> <p><input checked="" type="checkbox"/> HIRED AUTOS</p> <p><input checked="" type="checkbox"/> NON-OWNED AUTOS</p> <p><input checked="" type="checkbox"/> MCS90 Endorsement</p>	BAP 3652557-02	02/24/98	02/24/99	<p>COMBINED SINGLE LIMIT \$1,000,000</p> <p>BODILY INJURY (Per person) \$</p> <p>BODILY INJURY (Per accident) \$</p> <p>PROPERTY DAMAGE \$</p>
	<p>GARAGE LIABILITY</p> <p><input type="checkbox"/> ANY AUTO</p>				<p>AUTO ONLY - EA ACCIDENT \$</p> <p>OTHER THAN AUTO ONLY:</p> <p>EACH ACCIDENT \$</p> <p>AGGREGATE \$</p>
C	<p>EXCESS LIABILITY</p> <p><input checked="" type="checkbox"/> UMBRELLA FORM</p> <p><input type="checkbox"/> OTHER THAN UMBRELLA FORM</p>	SUO 2153685-01 ***	02/24/98	02/24/99	<p>EACH OCCURRENCE \$10,000,000</p> <p>AGGREGATE \$10,000,000</p> <p>\$</p>
	<p>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</p> <p>THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL</p>				<p>WC STATUTORY LIMITS <input type="checkbox"/> 10TH-ER</p> <p>EL EACH ACCIDENT \$</p> <p>EL DISEASE - POLICY LIMIT \$</p> <p>EL DISEASE - EA EMPLOYEE \$</p>
C	<p>OTHER</p> <p>Professional Pollution Liab.</p>	PEC 3654494-02	02/24/98	02/24/99	<p>Per Occ. \$1,000,000</p> <p>Ann Agg. \$1,000,000</p>

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS  
\*\*\* FOLLOWS FORM FOR ALL COVERAGES

**CERTIFICATE HOLDER**

FOR BID PURPOSES ONLY

FORBID

**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 LE BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

©ACORD CORPORATION

ACORD 25-S (1/85)



**Certificate of Insurance**

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

**This is to Certify that**

MARCOR REMEDIATION, INC.  
14072 CATALINA STREET  
SAN LEANDRO, CA 94577

← Name and address of Insured.



is, at the issue date of this certificate, insured by the Company under the policy(ies) listed below. The insurance afforded by the listed policy(ies) is subject to all the terms, exclusions and conditions and is not altered by any requirement, term or condition of any contract or other document with respect to which this certificate may be issued.

TYPE OF POLICY	EXP. DATE <input type="checkbox"/> CONTINUOUS <input type="checkbox"/> EXTENDED <input checked="" type="checkbox"/> POLICY TERM	POLICY NUMBER	LIMIT OF LIABILITY	
			COVERAGE AFFORDED UNDER WC LAW OF THE FOLLOWING STATES:	EMPLOYERS LIABILITY
WORKERS COMPENSATION	12-31-97 THROUGH 12-31-98	WC2-13G-477542-057	CA	Bodily Injury By Accident 5,000,000 Each Accident Bodily Injury By Disease 5,000,000 Policy Limit Bodily Injury By Disease 5,000,000 Each Person
GENERAL LIABILITY <input type="checkbox"/> OCCURRENCE <input type="checkbox"/> CLAIMS MADE	RETRO DATE		General Aggregate - Other than Products/Completed Operations	
			Products/Completed Operations Aggregate	
			Bodily Injury and Property Damage Liability	Per Occurrence
			Personal Injury	Per Person/Organization
AUTOMOBILE LIABILITY <input type="checkbox"/> OWNED <input type="checkbox"/> NON-OWNED <input type="checkbox"/> HIRED			Other	
			Other	
			Each Accident - Single Un B.I. and P.D. Combined	
			Each Person	
OTHER			Each Accident or Occurrence	
ADDITIONAL COMMENTS				

\* If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date.  
 SPECIAL NOTICE-OHIO: ANY PERSON WHO, WITH INTENT TO DEFRAUD OR KNOWING THAT HE IS FACILITATING A FRAUD AGAINST AN INSURER, SUBMITS AN APPLICATION OR FILES A CLAIM CONTAINING A FALSE OR DECEPTIVE STATEMENT IS GUILTY OF INSURANCE FRAUD.  
 NOTICE OF CANCELLATION: (NOT APPLICABLE UNLESS A NUMBER OF DAYS IS ENTERED BELOW.) BEFORE THE STATED EXPIRATION DATE THE COMPANY WILL NOT CANCEL OR REDUCE THE INSURANCE AFFORDED UNDER THE ABOVE POLICIES UNTIL AT LEAST 30 DAYS NOTICE OF SUCH CANCELLATION HAS BEEN MAILED TO.

CERTIFICATE HOLDER

**FOR BID PURPOSES ONLY**

334   
 Kimberly A. Walker  
 AUTHORIZED REPRESENTATIVE

Lutherville, Md. (410) 821-0400  
 OFFICE PHONE NUMBER DATE ISS

This certificate is executed by LIBERTY MUTUAL GROUP as respects such insurance as is afforded by these Companies

10/19 1981 16:22 NO.981 10/13

5106149401

MARCORASF

POST IN A  
CONSPICUOUS  
PLACE

# BUSINESS TAX CERTIFICATE

CITY OF OAKLAND



The issuing of a Business Tax Certificate is for revenue purposes only. It does not relieve the taxpayer from the responsibility of complying with the requirements of any other department of the City of Oakland and/or any other ordinance, law or regulation of the City of Oakland, State of California, or any other governmental agency.

EXPIRES

DECEMBER 31 1990

PLEASE READ REVERSE SIDE

ACCOUNT NUMBER 1124110  
BUSINESS NAME MARCOR ENVIRONMENTAL-WEST, INC.  
ADDRESS 14072 CATALINA ST  
SAN LEANDRO CA 94577-0000  
KIND OF BUSINESS MISCELLANEOUS TRADE CONTRACTORS

DETACH AT PERFORATION

10/19 '98 16:22 NO.981 12/13

5106149401

MARCOR@SF

State of California

# Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

**MARCOR REMEDIATION INC**



to engage in the business or act in the capacity of a contractor in the following classification(s):

- A - GENERAL ENGINEERING CONTRACTOR
- B - GENERAL BUILDING CONTRACTOR
- C-2 - INSULATION AND ACOUSTICAL
- ASB - ASBESTOS

Witness my hand and seal this day,

June 3, 1997

Issued June 2, 1997



*Paul W. Johnson*  
Registrar of Contractors

\_\_\_\_\_  
Signature of Licensee

\_\_\_\_\_  
Signature of License Qualifier

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

736681  
\_\_\_\_\_  
License Number



State of California  
CONTRACTORS STATE LICENSE BOARD  
ACTIVE LICENSE



License No. 736681

BY CORP

Company Name MARCOR REMEDIATION INC

Classification ABC-2 ASB HAZ

Expiration Date 06/30/1999





Consulting • Engineering • Remediation

10324 Placer Lane  
Suite 200  
Sacramento, CA 95827

December 24, 1998  
Project No.: 6908050.200

(916) 362-7100  
FAX (916) 362-8100  
<http://www.ensr.com>

Mr. Leroy Griffin  
City of Oakland Fire Services Agency  
Hazardous Materials Program  
505-14<sup>th</sup> Street, Suite 702  
Oakland, California 94612

Subject: **Over-Excavation Plan For USTs Removal Project**  
United Airlines Building M-110  
Oakland Metropolitan International Airport

Dear Mr. Griffin:

ENSR on behalf of United Airlines (UAL), is submitting the following over-excavation plan for the underground storage tanks (USTs) removal project to be conducted at UAL Building M-110, Oakland Metropolitan International Airport (Figure 1).

The over-excavation plan is to be implemented in the event of evidence of petroleum hydrocarbon impacted soils from past spillage and/or leakage from the USTs, associated piping and dispenser island. ENSR will oversee the implementation of over-excavation activities with the approval of the City of Oakland Fire Services Agency.

The Underground Tank Closure Plan (UTCP), has previously been submitted by the contractor (Marcor Remediation Inc.). A copy of the UTCP is attached for you reference and Forms A & B are also attached.

#### **Site Description**

Two USTs and the associated pump island are located on the north side to the UAL hanger. The USTs consist of one 10,000-gallon diesel fuel tank and one 10,000-gallon gasoline tank (Figure 2).

#### **Scope of Work**

Field Screening. During the UST removal activities, ENSR field personnel will field screen excavated soil using visual observations, and a photoionization detector (PID). Only soils in the vadose zone (unsaturated zone) will be field screened, for volatile organic compounds.

# ENSR

Mr. Leroy Griffin  
December 24, 1998  
Page 2

Soil Removal. In October 1997, Burns & McDonnell Waste Consultants Inc. (BMWCI) conducted a subsurface investigation at the location of the two USTs. The results of the investigation indicated the presence of diesel fuel and gasoline in soil and groundwater in the vicinity of the USTs.

During the UST removal activities, over-excavation activities will be conducted in an attempt to remove the most heavily impacted soils (anticipated), which likely will be located beneath the tanks, piping and dispenser island. Over-excavation activities will not chase petroleum hydrocarbon impacted soil in the fluctuating capillary fringe (tidal influence) or in the saturated soil zone.

Soil Disposal. Based on analytical results from the BMWI subsurface investigation, UAL will obtain pre-approval for soil disposal at the appropriate disposal facility. The contractor shall directly load excavated material onto trucks and haul to the designated disposal site.

Soil Sampling. Upon completion of over-excavation activities, ENSR will collect soil samples from the excavation sidewalls, piping trenches and beneath the pump island.

Soil samples will be analyzed for the following constituents:

- Total petroleum hydrocarbons as diesel fuel by EPA Method 8015;
- Total petroleum hydrocarbons as gasoline by EPA Method 8015;
- Benzene, toluene, ethylbenzene, and total xylenes EPA Method 8020; and
- Methyl Tertiary Butyl Ether (MTBE) by EPA Method 8260.

## Report Preparation

The results of the over-excavation activities, including geologic cross-sections, soil removal quantities, analytical laboratory results and waste manifests will be provided to the City of Oakland Fire Services Agency, the Alameda County Environmental Health Department and the Regional Water Quality Control Board.

# ENSR

Mr. Leroy Griffin  
December 24, 1998  
Page 3

The UST removal activities are tentatively scheduled to begin the week of January 4, 1999. Your office will be contacted by Marcor Remediation Inc. to schedule an inspection. If you have any questions or comments, please call Alan Klein at (916) 362-7100.

Sincerely,

ENSR

*Bob Wilson for*

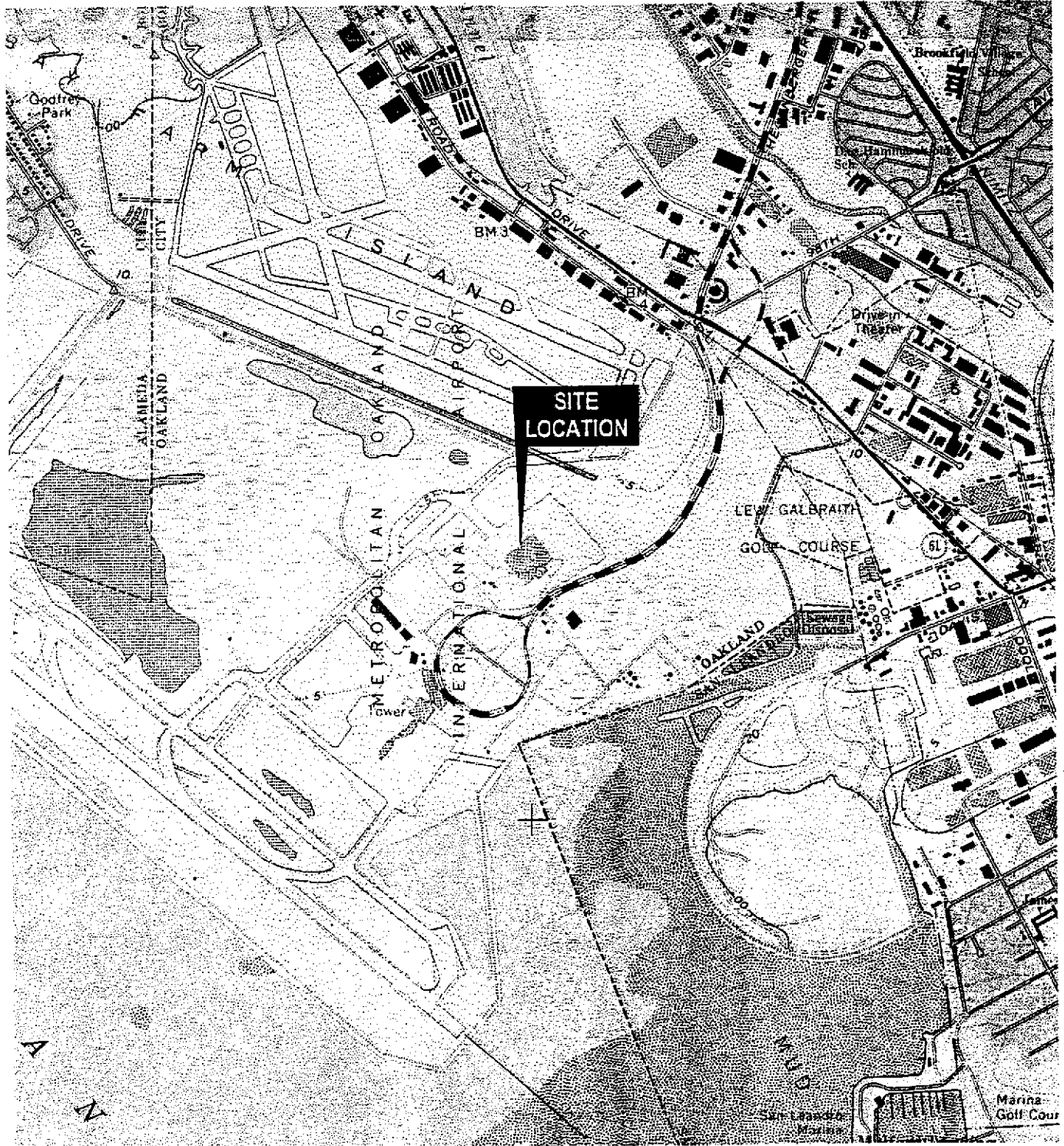
Alan J. Klein  
Senior Environmental Scientist

*Alan D. Gibbs*

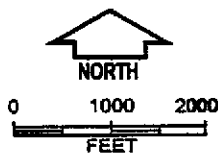
Alan D. Gibbs, R.G., C.H.G.  
Environmental Engineering Department Manager

Attachments: Figures 1-3  
Forms A&B  
Underground Tank Closure Plan

cc: Steve Sulgit, United Airlines  
Dennis Moulton, United Airlines  
Daniel Tisoncik, United Airlines  
Gene Barr, United Airlines  
Ted Wells, United Airlines



USGS 7.5 MINUTE  
 SAN LEANDRO, CA QUADRANGLE  
 1959, PHOTOREVISED 1980



**ENSR.**

**FIGURE 1  
 SITE LOCATION MAP**

United Airlines  
 Oakland International Airport  
 Oakland, CA

DRAWN: J. Gierak

DATE: 9/22/98

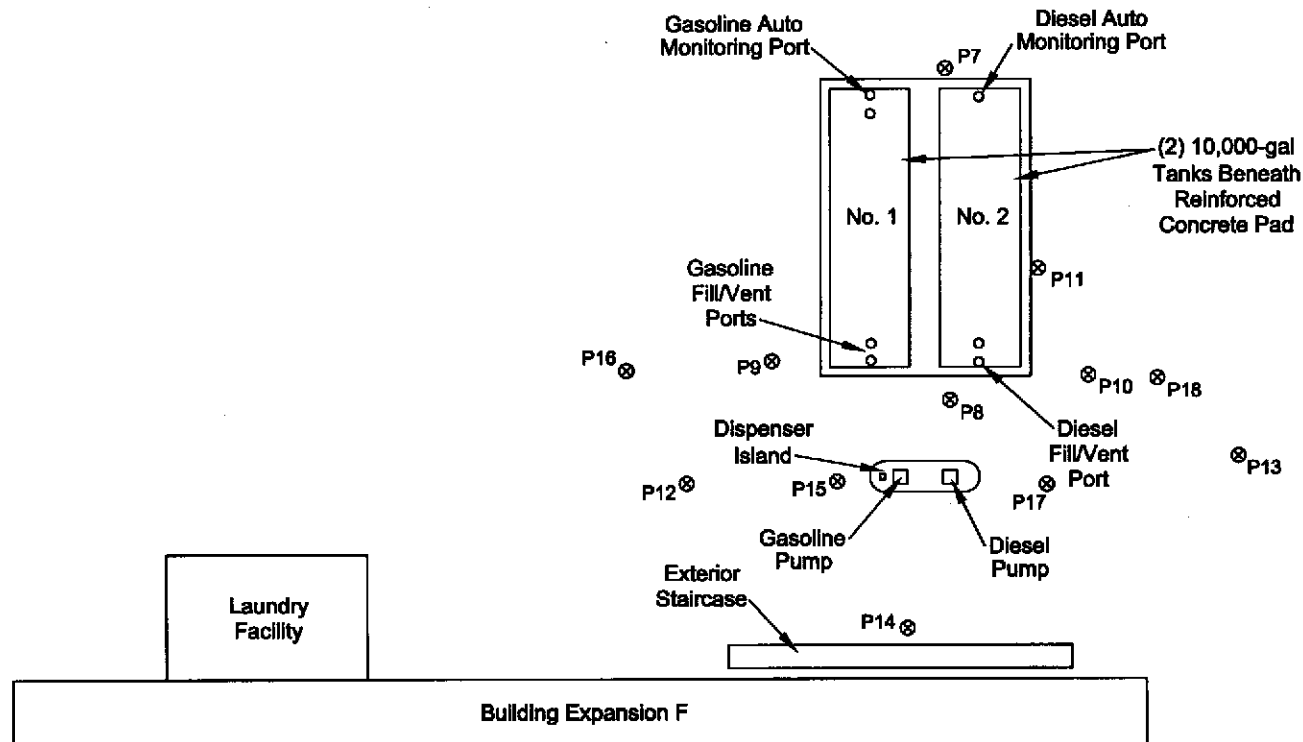
PROJECT NO:

REV.

FILE: Ensr69080501M1\_inf.dxf

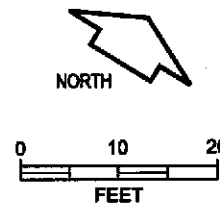
6908-050-200





**LEGEND**

⊗ P13 Geoprobe Locations by Burns & McDonnell, 1997



**FIGURE 2  
UST REMOVAL SITE PLAN**

United Airlines  
Oakland International Airport  
Oakland, CA

DRAWN: J. Gierak	DATE: 2/23/99	PROJECT NO: 6908-050-200	REV.
FILE: Enr6908050UAL_Plan.dwg			

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A**



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

**I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)**

DBA OR FACILITY NAME <i>Oakland Metropolitan International Airport</i>		NAME OF OPERATOR <i>United Airlines</i>		
ADDRESS <i>1100 Airport Drive</i>		NEAREST CROSS STREET	PARCEL # (OPTIONAL)	
CITY NAME <i>Oakland</i>	STATE <i>CA</i>	ZIP CODE <i>94621</i>	SITE PHONE # WITH AREA CODE <i>510-382-8020</i>	
<input checked="" type="checkbox"/> BOX TO INDICATE <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL-AGENCY DISTRICTS* <input type="checkbox"/> COUNTY-AGENCY* <input type="checkbox"/> STATE-AGENCY* <input type="checkbox"/> FEDERAL-AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____				
TYPE OF BUSINESS		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	* OF TANKS AT SITE <i>4</i>	E. P. A. I. D. # (optional) <i>CAD982408031</i>
<input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER				

**EMERGENCY CONTACT PERSON (PRIMARY)**

**EMERGENCY CONTACT PERSON (SECONDARY) - optional**

DAYS: NAME (LAST, FIRST) <i>Moulton, Dennis</i>	PHONE # WITH AREA CODE <i>510-382-8020</i>	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) <i>same</i>	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

**II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)**

NAME <i>Port of Oakland</i>	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>530 Water Street</i>	<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input checked="" type="checkbox"/> LOCAL-AGENCY <input type="checkbox"/> STATE-AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY-AGENCY <input type="checkbox"/> FEDERAL-AGENCY		
CITY NAME <i>Oakland</i>	STATE <i>CA</i>	ZIP CODE <i>94607</i>	PHONE # WITH AREA CODE <i>510-272-1100</i>

**III. TANK OWNER INFORMATION - (MUST BE COMPLETED)**

NAME OF OWNER <i>United Airlines</i>	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>1100 Airport Drive</i>	<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL-AGENCY <input type="checkbox"/> STATE-AGENCY <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY-AGENCY <input type="checkbox"/> FEDERAL-AGENCY		
CITY NAME <i>Oakland</i>	STATE <i>CA</i>	ZIP CODE <i>94621</i>	PHONE # WITH AREA CODE <i>510-382-8020</i>

**IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.**

TY (TK) HQ 44-000568

**V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED**

<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

**VI. LEGAL NOTIFICATION AND BILLING ADDRESS** Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING:    I.     II.     III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) <i>STEVEN F. SUGIT Steven F. Sugit</i>	OWNER'S TITLE <i>SENIOR STAFF REP - ENV.</i>	DATE MONTH/DAY/YEAR
---	---	---------------------

**LOCAL AGENCY USE ONLY**

COUNTY # <input type="text"/>	JURISDICTION # <input type="text"/>	FACILITY # <input type="text"/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Oakland Metropolitan International Airport

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # <u>1</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1972</u>	D. TANK CAPACITY IN GALLONS: <u>10,000 gallons</u>

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input checked="" type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED					C. A. S. #:

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E.

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		<input type="checkbox"/> 4 PHENOLIC LINING
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A <input checked="" type="checkbox"/> 1 SUCTION	A <input checked="" type="checkbox"/> 2 PRESSURE	A U <input type="checkbox"/> 3 GRAVITY	A U <input type="checkbox"/> 99 OTHER
B. CONSTRUCTION	A <input checked="" type="checkbox"/> 1 SINGLE WALL	A U <input type="checkbox"/> 2 DOUBLE WALL	A U <input type="checkbox"/> 3 LINED TRENCH	A U <input type="checkbox"/> 95 UNKNOWN
C. MATERIAL AND CORROSION PROTECTION	A U <input type="checkbox"/> 1 BARE STEEL	A U <input type="checkbox"/> 2 STAINLESS STEEL	A U <input type="checkbox"/> 3 POLYVINYL CHLORIDE (PVC)	A U <input type="checkbox"/> 4 FIBERGLASS PIPE
	A U <input type="checkbox"/> 5 ALUMINUM	A U <input type="checkbox"/> 6 CONCRETE	A <input checked="" type="checkbox"/> 7 STEEL W/ COATING	A U <input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	A U <input type="checkbox"/> 9 GALVANIZED STEEL	A U <input type="checkbox"/> 10 CATHODIC PROTECTION	A <input checked="" type="checkbox"/> 95 UNKNOWN	A U <input type="checkbox"/> 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input checked="" type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

**V. TANK LEAK DETECTION**

<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input checked="" type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input checked="" type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>12/1/98</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>100</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
---	---	--

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) STEVEN F. SUGIT - Steven F. Sugit DATE \_\_\_\_\_

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM  1 NEW PERMIT  2 INTERIM PERMIT  3 RENEWAL PERMIT  4 AMENDED PERMIT  5 CHANGE OF INFORMATION  6 TEMPORARY TANK CLOSURE  7 PERMANENTLY CLOSED ON SITE  8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Oakland Metropolitan International Airport

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# 2 B. MANUFACTURED BY: Unknown

C. DATE INSTALLED (MO/DAY/YEAR) 1972 D. TANK CAPACITY IN GALLONS: 10,000 gallons

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A.  1 MOTOR VEHICLE FUEL  2 PETROLEUM  3 CHEMICAL PRODUCT  4 OIL  80 EMPTY  95 UNKNOWN  1 PRODUCT  2 WASTE

B.  1a REGULAR UNLEADED  1b PREMIUM UNLEADED  2 LEADED  3 DIESEL  4 GASAHOL  5 JET FUEL  6 AVIATION GAS  7 METHANOL  99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED \_\_\_\_\_ C. A. S. #: \_\_\_\_\_

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM  1 DOUBLE WALL  2 SINGLE WALL  3 SINGLE WALL WITH EXTERIOR LINER  4 SECONDARY CONTAINMENT (VAULTED TANK)  95 UNKNOWN  99 OTHER \_\_\_\_\_

B. TANK MATERIAL (Primary Tank)  1 BARE STEEL  5 CONCRETE  9 BRONZE  2 STAINLESS STEEL  6 POLYVINYL CHLORIDE  10 GALVANIZED STEEL  3 FIBERGLASS  7 ALUMINUM  95 UNKNOWN  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  8 100% METHANOL COMPATIBLE W/FRP  99 OTHER \_\_\_\_\_

C. INTERIOR LINING  1 RUBBER LINED  5 GLASS LINING  2 ALKYD LINING  6 UNLINED  95 UNKNOWN  3 EPOXY LINING  4 PHENOLIC LINING  99 OTHER \_\_\_\_\_

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES \_\_\_ NO \_\_\_

D. CORROSION PROTECTION  1 POLYETHYLENE WRAP  5 CATHODIC PROTECTION  2 COATING  91 NONE  3 VINYL WRAP  95 UNKNOWN  4 FIBERGLASS REINFORCED PLASTIC  99 OTHER \_\_\_\_\_

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) \_\_\_\_\_ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) \_\_\_\_\_

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A  1 SUCTION A  2 PRESSURE A U  3 GRAVITY A U  99 OTHER

B. CONSTRUCTION A  1 SINGLE WALL A U  2 DOUBLE WALL A U  3 LINED TRENCH A U  95 UNKNOWN A U  99 OTHER

C. MATERIAL AND CORROSION PROTECTION A U  1 BARE STEEL A U  2 STAINLESS STEEL A U  3 POLYVINYL CHLORIDE (PVC) A U  4 FIBERGLASS PIPE A U  5 ALUMINUM A U  6 CONCRETE A U  7 STEEL W/ COATING A U  8 100% METHANOL COMPATIBLE W/FRP A U  9 GALVANIZED STEEL A U  10 CATHODIC PROTECTION A  95 UNKNOWN A U  99 OTHER

D. LEAK DETECTION  1 AUTOMATIC LINE LEAK DETECTOR  2 LINE TIGHTNESS TESTING  3 INTERSTITIAL MONITORING  99 OTHER

V. TANK LEAK DETECTION

1 VISUAL CHECK  2 INVENTORY RECONCILIATION  3 VADOZE MONITORING  4 AUTOMATIC TANK GAUGING  5 GROUND WATER MONITORING  6 TANK TESTING  7 INTERSTITIAL MONITORING  91 NONE  95 UNKNOWN  99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 12/1/98 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 100 GALLONS 3. WAS TANK FILLED WITH INERT MATERIAL? YES  NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) STEVEN F. SUGIT Steven F. Sugit DATE \_\_\_\_\_

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# \_\_\_\_\_ COUNTY # \_\_\_\_\_ JURISDICTION # \_\_\_\_\_ FACILITY # \_\_\_\_\_ TANK # \_\_\_\_\_

PERMIT NUMBER \_\_\_\_\_ PERMIT APPROVED BY/DATE \_\_\_\_\_ PERMIT EXPIRATION DATE \_\_\_\_\_

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

**DBA OR FACILITY NAME WHERE TANK IS INSTALLED:** Oakland Metropolitan International Airport

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # <u>3</u>	B. MANUFACTURED BY: <u>Unknown</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1972</u>	D. TANK CAPACITY IN GALLONS: <u>8,700 gallons</u>

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED
<input checked="" type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED
			<input type="checkbox"/> 3 DIESEL
			<input type="checkbox"/> 4 GASAHOL
			<input type="checkbox"/> 5 JET FUEL
			<input type="checkbox"/> 6 AVIATION GAS
			<input type="checkbox"/> 7 METHANOL
			<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Aer-o-foam C. A. S. #:

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	B. TANK MATERIAL (Primary Tank)	C. INTERIOR LINING
<input type="checkbox"/> 1 DOUBLE WALL	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 1 RUBBER LINED
<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 2 ALKYD LINING
<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 3 EPOXY LINING
<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 5 GLASS LINING
	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 6 UNLINED
	<input type="checkbox"/> 7 ALUMINUM	<input checked="" type="checkbox"/> 95 UNKNOWN
	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP	<input type="checkbox"/> 99 OTHER
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL
	<input type="checkbox"/> 95 UNKNOWN	
	<input type="checkbox"/> 99 OTHER	

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES \_\_\_ NO \_\_\_

D. CORROSION PROTECTION	E. SPILL AND OVERFILL	OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____
<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 1 POLYETHYLENE WRAP
<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 2 COATING
<input type="checkbox"/> 3 VINYL WRAP	<input type="checkbox"/> 3 VINYL WRAP	<input type="checkbox"/> 3 VINYL WRAP
<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
<input checked="" type="checkbox"/> 95 UNKNOWN	<input checked="" type="checkbox"/> 95 UNKNOWN	<input checked="" type="checkbox"/> 95 UNKNOWN
<input type="checkbox"/> 99 OTHER	<input type="checkbox"/> 99 OTHER	<input type="checkbox"/> 99 OTHER

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	B. CONSTRUCTION	C. MATERIAL AND CORROSION PROTECTION	D. LEAK DETECTION
A U 1 SUCTION	A U 1 SINGLE WALL	A U 1 BARE STEEL	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR
A U 2 PRESSURE	A U 2 DOUBLE WALL	A U 2 STAINLESS STEEL	<input checked="" type="checkbox"/> 2 LINE TIGHTNESS TESTING
A U 3 GRAVITY	A U 3 LINED TRENCH	A U 3 POLYVINYL CHLORIDE (PVC)	<input type="checkbox"/> 3 INTERSTITIAL MONITORING
A U 99 OTHER	A U 95 UNKNOWN	A U 4 FIBERGLASS PIPE	<input type="checkbox"/> 99 OTHER
	A U 99 OTHER	A U 5 ALUMINUM	
		A U 6 CONCRETE	
		A U 7 STEEL W/ COATING	
		A U 8 100% METHANOL COMPATIBLE W/FRP	
		A U 9 GALVANIZED STEEL	
		A U 10 CATHODIC PROTECTION	
		A U 95 UNKNOWN	
		A U 99 OTHER	

**V. TANK LEAK DETECTION**

<input checked="" type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>unknown</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>85</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? w: <u>11 lbs</u> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>STEVEN F. SULGIT - Steven F. Sulgit</u>	DATE
--	------

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
[ ] [ ] [ ] [ ]	[ ] [ ]	[ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ]
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM.  1 NEW PERMIT  2 INTERIM PERMIT  3 RENEWAL PERMIT  4 AMENDED PERMIT  5 CHANGE OF INFORMATION  6 TEMPORARY TANK CLOSURE  7 PERMANENTLY CLOSED ON SITE  8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Oakland Metropolitan International Airport

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# A B. MANUFACTURED BY: Unknown  
C. DATE INSTALLED (MO/DAY/YEAR) 1972 D. TANK CAPACITY IN GALLONS: 8,700 gallons

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A.  1 MOTOR VEHICLE FUEL  4 OIL  2 PETROLEUM  80 EMPTY  3 CHEMICAL PRODUCT  95 UNKNOWN

B.  1 PRODUCT  2 WASTE

C.  1a REGULAR UNLEADED  1b PREMIUM UNLEADED  2 LEADED  3 DIESEL  4 GASAHOL  5 JET FUEL  6 AVIATION GAS  7 METHANOL  99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Aer-o-foam C. A. S. #:

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM  1 DOUBLE WALL  2 SINGLE WALL  3 SINGLE WALL WITH EXTERIOR LINER  4 SECONDARY CONTAINMENT (VAULTED TANK)  95 UNKNOWN  99 OTHER

B. TANK MATERIAL (Primary Tank)  1 BARE STEEL  2 STAINLESS STEEL  3 FIBERGLASS  4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC  5 CONCRETE  6 POLYVINYL CHLORIDE  7 ALUMINUM  8 100% METHANOL COMPATIBLE W/FRP  9 BRONZE  10 GALVANIZED STEEL  95 UNKNOWN  99 OTHER

C. INTERIOR LINING  1 RUBBER LINED  2 ALKYD LINING  3 EPOXY LINING  4 PHENOLIC LINING  5 GLASS LINING  6 UNLINED  95 UNKNOWN  99 OTHER  
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES \_\_\_ NO \_\_\_

D. CORROSION PROTECTION  1 POLYETHYLENE WRAP  2 COATING  3 VINYL WRAP  4 FIBERGLASS REINFORCED PLASTIC  5 CATHODIC PROTECTION  91 NONE  95 UNKNOWN  99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) \_\_\_\_\_ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) \_\_\_\_\_

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A U 1 SUCTION A (U) 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION  1 AUTOMATIC LINE LEAK DETECTOR  2 LINE TIGHTNESS TESTING  3 INTERSTITIAL MONITORING  99 OTHER

**V. TANK LEAK DETECTION**

1 VISUAL CHECK  2 INVENTORY RECONCILIATION  3 VADOZE MONITORING  4 AUTOMATIC TANK GAUGING  5 GROUND WATER MONITORING  6 TANK TESTING  7 INTERSTITIAL MONITORING  91 NONE  95 UNKNOWN  99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Unknown 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 85 GALLONS 3. WAS TANK FILLED WITH INERT MATERIAL? Will be YES  NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) STEVEN F. SUGIT Steven F. Sugit DATE \_\_\_\_\_

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #  
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

**APPENDIX B**

**B & M REPORT TABLES/FIGURES  
AND  
URL/CONTAMINATION SITE REPORT**

**TABLE 1**  
**ANALYTICAL DATA SUMMARY**  
**GROUNDWATER SAMPLES TAKEN FROM BORINGS**  
**NEAR FIRE SUPPRESSION MATERIAL USTs MF 37/MF 38**  
**United Airlines Oakland International Airport**

*map showing  
 the location of these  
 samples ?*

Sample Number	Matrix	Ethylene Glycol	Units
P1-SB1	Soil	4.0 U	mg/Kg
P1-GW	Water	4.0 U	mg/L
P2-SB1	Soil	4.0 U	mg/Kg
P3-SB1	Soil	4.0 U	mg/Kg
P4-SB1	Soil	4.0 U	mg/Kg
P4-GW	Water	4.0 U	mg/L
P5-SB1	Soil	4.0 U	mg/Kg
P6-SB1	Soil	4.0 U	mg/Kg

-mg/Kg - Milligrams per Kilograms  
 mg/L - Milligrams per Liter  
 U - Not detected at or above detection limit



**TABLE 2  
ANALYTICAL DATA SUMMARY  
SOIL SAMPLES TAKEN FROM BORINGS  
NEAR GASOLINE AND DIESEL USTs MF 35/36  
United Airlines Oakland International Airport**

Sample Number:		P7-SB1	P8-SB1	P9-SB1	P10-SB1	P11-SB1	P12-SB1
Sample Depth:		5.5-6	8-8.5	6.5-7	6-6.5	8.5-9	8.5-9
Sample Date:		10/22/97	10/22/97	10/22/97	10/22/97	10/23/97	10/23/97
Lab Identification Number:		131128-001	131128-002	131128-003	131128-004	131128-005	131128-006
PARAMETER	UNITS						
<b>Total Extractable Hydrocarbons (TEH)</b>							
Diesel Range	mg/Kg	10 U	5800 L	10 U	10 U	3800 L	10 U
Jet Fuel Range	mg/Kg	10 U	4500 YHL	10 U	10 U	3100 YHL	10 U
<b>Total Volatile Hydrocarbons (TVH)</b>							
Gasoline Range	mg/Kg	1 U	2900	3.5	1 U	1400	1 U
<b>BTEX</b>							
Benzene	µg/Kg	5 U	32000	310	17	4600	5 U
Toluene	µg/Kg	5 U	250000	480	39	45000	5 U
Ethylbenzene	µg/Kg	5 U	88000	84	18	23000	5 U
m,p-Xylene	µg/Kg	5 U	400000	390	73	90000	5 U
o-Xylene	µg/Kg	5 U	150000	180	41	37000	5 U
Methyl Tertiary Butyl Ether (MTBE)	µg/Kg	20 U	50000 U	49	20 U	10000 U	20 U

-mg/Kg - Milligrams per Kilograms  
 µg/Kg - Micrograms per Kilograms  
 U - Not detected at or above detection limit  
 Y - Sample exhibits pattern which does not resemble standard  
 H - Heavier hydrocarbons than indicated standard  
 L - Lighter hydrocarbons than indicated standard  
 Z - Sample exhibits unknown single peak(s)

**TABLE 2 (continued)**  
**ANALYTICAL DATA SUMMARY**  
**SOIL SAMPLES TAKEN FROM BORINGS**  
**NEAR GASOLINE AND DIESEL USTs**  
 United Airlines Oakland International Airport

Sample Number:	P13-SB1	P14-SB1	P15-SB1	P16-SB1	P17-SB1	P18-SB1
Sample Depth:	7.5-8	6.5-7	8-8.5	8-8.5	4.5-5	8-8.5
Sample Date:	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97
Lab Identification Number:	131128-007	131128-008	131128-009	131128-010	131128-011	131128-012
PARAMETER	UNITS					
<b>Total Extractable Hydrocarbons (TEH)</b>						
Diesel Range	mg/Kg	10 U	1600	10 U	10 U	7700
Jet Fuel Range	mg/Kg	10 U	830 YH	10 U	10 U	2800 YH
<b>Total Volatile Hydrocarbons (TVH)</b>						
Gasoline Range	mg/Kg	1 U	1.4 YH	1 U	1 U	4.9 YH
<b>BTEX</b>						
Benzene	µg/Kg	5 U	5 U	5 U	5 U	5 U
Toluene	µg/Kg	5 U	5.4	5 U	5 U	8.7
Ethyl Benzenes	µg/Kg	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	µg/Kg	5 U	5 U	5 U	5 U	5 U
o-Xylene	µg/Kg	5 U	5 U	5 U	5 U	5 U
Methyl Tertiary Butyl Ether (MTBE)	µg/Kg	20 U	20 U	35	20 U	20 U

-mg/Kg - Milligrams per Kilograms  
 -µg/Kg - Micrograms per Kilograms  
 U - Not detected at or above detection limit  
 Y - Sample exhibits pattern which does not resemble standard  
 H - Heavier hydrocarbons than indicated standard  
 L - Lighter hydrocarbons than indicated standard  
 Z - Sample exhibits unknown single peak(s)

**TABLE 3  
ANALYTICAL DATA SUMMARY  
GROUNDWATER SAMPLES TAKEN FROM BORINGS  
NEAR GASOLINE AND DIESEL USTs  
United Airlines Oakland International Airport**

Sample Number:		P7-GW	P8-GW	P11-GW	P12-GW	P13-GW	P14-GW
Sample Date:		10/22/97	10/22/97	10/23/97	10/23/97	10/23/97	10/23/97
Lab Identification Number:		131128-013	131128-014	131128-015	131128-016	131128-017	131128-018
PARAMETER	UNITS						
<b>Total Extractable Hydrocarbons (TEH)</b>					<i>ppb or ppm</i>		
Diesel Range	$\mu\text{g/L}$	1300 YHE	21000 L	90000 L	160 YH	580 YH	550 Y
Jet Fuel Range	$\mu\text{g/L}$	170 YHE	17000 YHL	74000 YEL	50 U	140 YH	340 YH
<b>Total Volatile Hydrocarbons (TVH)</b>							
Gasoline Range	$\mu\text{g/L}$	82 Z	70000	50000	50 U	75 Z	110 Z
<b>BTEX</b>							
Benzene	$\mu\text{g/L}$	1 U	20000	1200	0.5 U	0.5 U	0.5 U
Toluene	$\mu\text{g/L}$	1 U	17000	5200	0.5 U	0.5 U	0.5 U
Ethylbenzene	$\mu\text{g/L}$	1.7	2600	1600	0.5 U	0.5 U	0.5 U
m,p-Xylene	$\mu\text{g/L}$	1 U	7800	5100	1.3	0.75	1.1
o-Xylene	$\mu\text{g/L}$	1 U	3200	2200	0.5 U	0.5 U	0.5 U
Methyl Tertiary Butyl Ether (MTBE)	$\mu\text{g/L}$	23	1100	200 U	2 U	2 U	560

-mg/Kg - Milligrams per Kilograms

$\mu\text{g/Kg}$  - Micrograms per Kilograms

U - Not detected at or above detection limit

Y - Sample exhibits pattern which does not resemble standard

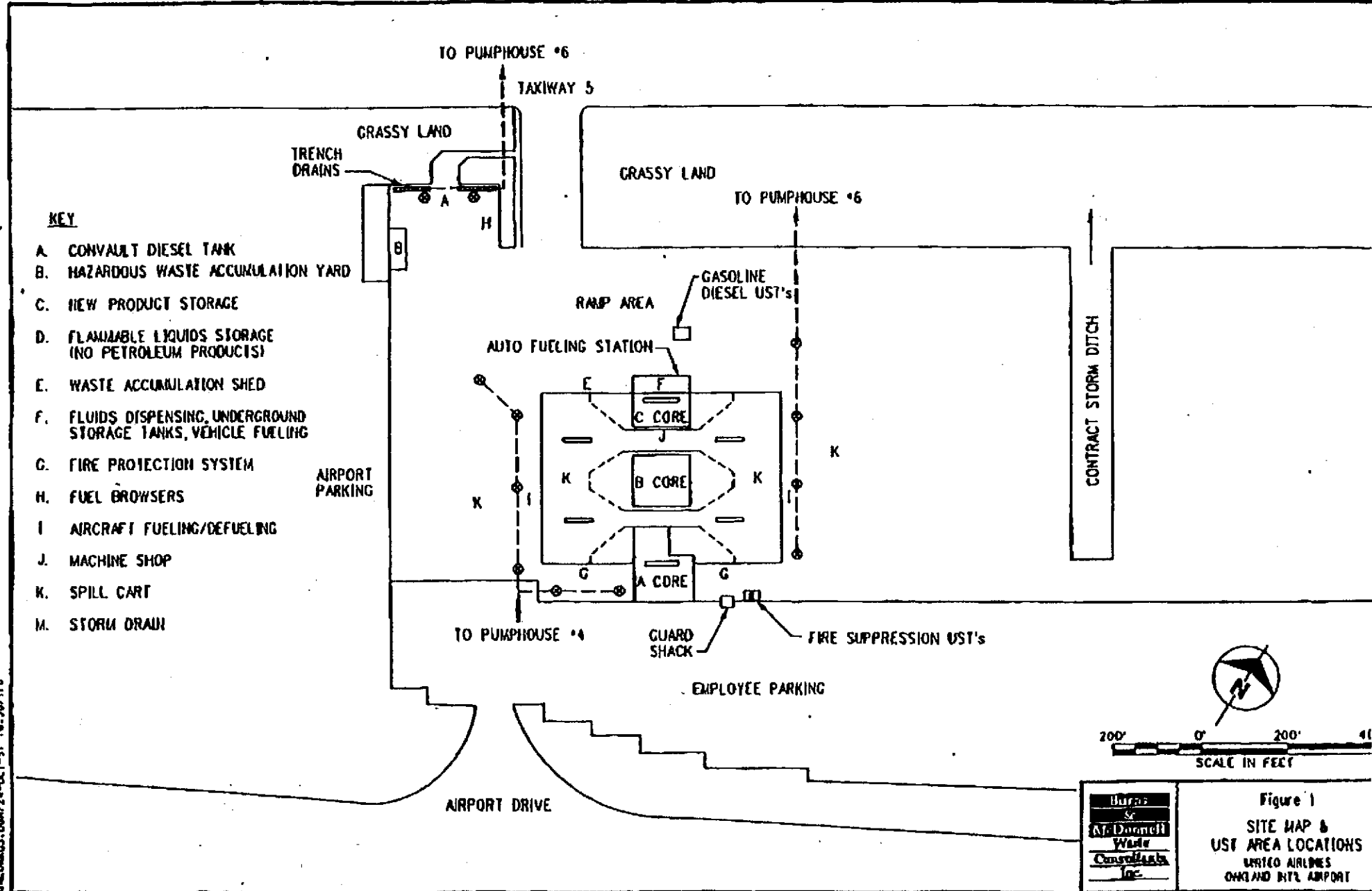
H - Heavier hydrocarbons than indicated standard

L - Lighter hydrocarbons than indicated standard

Z - Sample exhibits unknown single peak(s)

0-SEP-02:198 03:58pm BURNS & McDONNELL LCI @ SFO

No. 4057 P. 8/11



UAL0403.DGN/24-OCT-97 10:50/TF

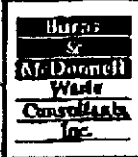
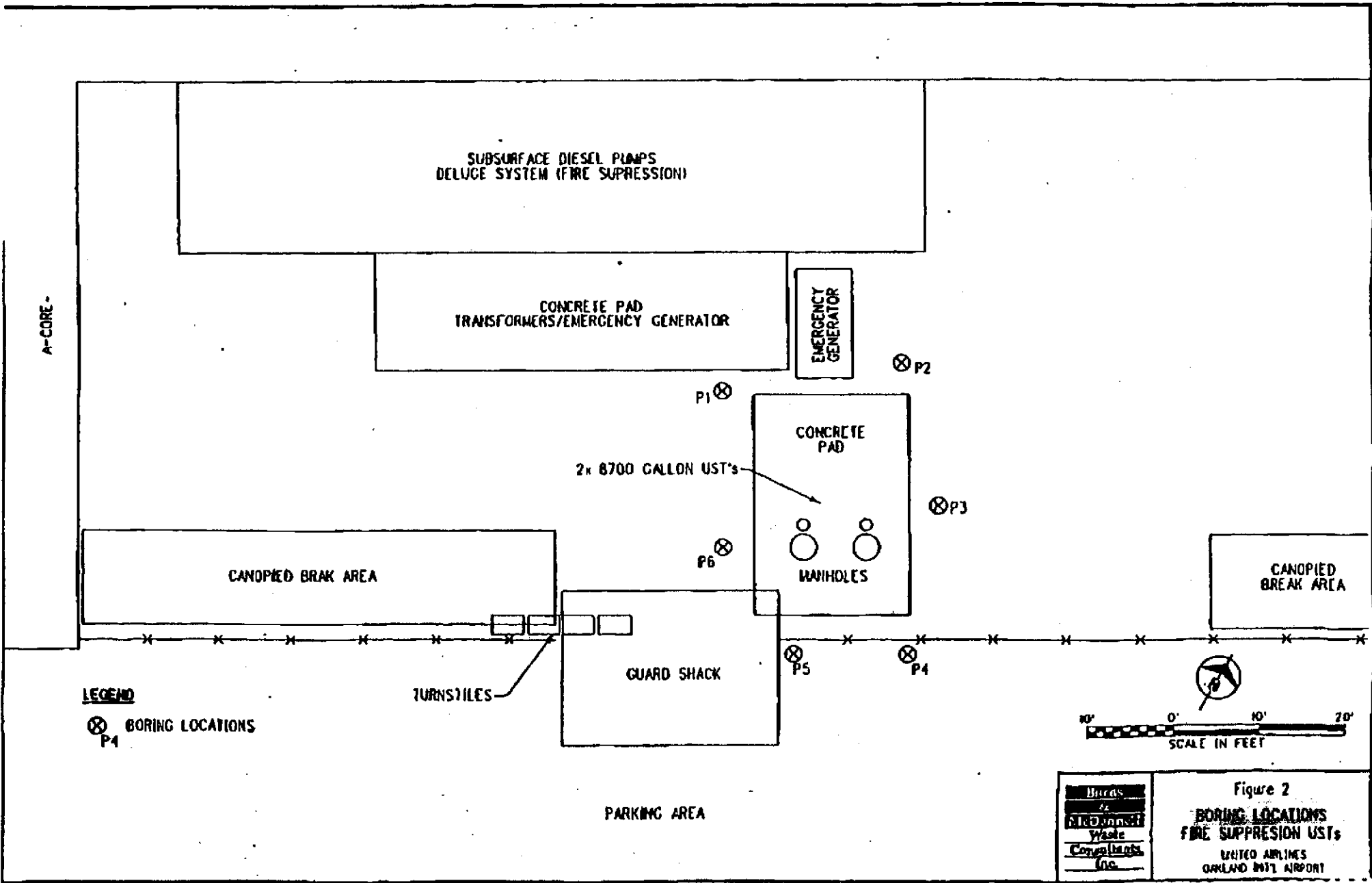


Figure 1  
SITE MAP &  
UST AREA LOCATIONS  
UNITED AIRLINES  
OAKLAND INTL AIRPORT



A-CORE

SUBSURFACE DIESEL PUMPS  
DELUGE SYSTEM (FIRE SUPPRESSION)

CONCRETE PAD  
TRANSFORMERS/EMERGENCY GENERATOR

EMERGENCY  
GENERATOR

⊗ P2

P1 ⊗

2x 8700 GALLON UST's

CONCRETE  
PAD

⊗ P3

MANHOLES

P6 ⊗

CANOPIED BRAK AREA

CANOPIED  
BREAK AREA

TURNSTILES

GUARD SHACK

⊗ P5

⊗ P4

PARKING AREA

0' 10' 20'  
SCALE IN FEET



# 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION PORTION OF THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. DATE: _____
--	--	---

REPORT DATE 0 <u>8</u> / 1 <u>4</u> / 9 <u>8</u>	CASE #
---	--------

REPORTED BY NAME OF INDIVIDUAL FILING REPORT Dale Klettke	PHONE (510) 272-1118	SIGNATURE <i>Dale Klettke</i>
---	-------------------------	----------------------------------

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 Port of Oakland
--	---

ADDRESS 530 Water Street	CITY Oakland	STATE CA	ZIP 94607
-----------------------------	-----------------	-------------	--------------

RESPONSIBLE PARTY NAME Port of Oakland	CONTACT PERSON Neil Werner	PHONE (510) 272-1176
--	-------------------------------	-------------------------

ADDRESS 530 Water Street, 2nd Floor	CITY Oakland	STATE CA	ZIP 94607
--	-----------------	-------------	--------------

SITE LOCATION FACILITY NAME (IF APPLICABLE) George P. Miller Aviation Hangar	OPERATOR United Airline (UAL)	PHONE ( )
--	----------------------------------	--------------

ADDRESS 100 Airport Drive, Building M110	CITY Oakland	COUNTY CA	ZIP 94623
---	-----------------	--------------	--------------

CROSS STREET Neil Armstrong Way
------------------------------------

IMPLEMENTING AGENCIES LOCAL AGENCY City of Oakland/Alameda County	AGENCY NAME	CONTACT PERSON Leroy Griffin/T. Peacock	PHONE (510) 238-7759
---	-------------	--	-------------------------

REGIONAL BOARD San Francisco Bay Area RWQCB	CONTACT PERSON Steve Morse	PHONE (510) 622-2393
--	-------------------------------	-------------------------

SUBSTANCES INVOLVED (1) Unleaded gasoline	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
--	--

(2) Diesel fuel	<input checked="" type="checkbox"/> UNKNOWN
-----------------	---

DISCOVERY/DATE DATE DISCOVERED 1 <u>0</u> / 2 <u>7</u> / 9 <u>7</u>	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>subsurface investigation</u>	INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> MAINTENANCE CONDITIONS
---	--	--

DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHODS USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input 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 type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <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 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 checked="" 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 type="checkbox"/> CLEANUP UNDERWAY
--

REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (BT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (PT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (MH) <input type="checkbox"/> VENT SOIL (VS) <input checked="" type="checkbox"/> OTHER (OT) to be determined
--

COMMENTS
----------

**APPENDIX C**  
**WASTE MANIFESTS**



ID:

MAR 15 '99

12:33 No.012 P.02

Department of Toxic Substances Control  
Sacramento, California

5209190

Form Approved OMB No. 2023-0017 (Expires 12-31-97)  
Please print or type. Form designed for use on elita (12-pitch) typewriter.

See instructions on back of page 2.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CAD98240803159295 2. Page 1 of 1  
Manifest Document No.

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address UNITED AIRLINES - OAKFL  
1100 AIRPORT DR  
OAKLAND, CA 94621

A. State Manifest Document Number 98459295

4. Generator's Phone (510) 352-8020  
5. Transporter 1 Company Name Ecology Control Industries  
6. US EPA ID Number CAD982030173

B. State Generator's ID  
C. State Transporter's ID  
D. Transporter's Phone 510-236-1393

7. Transporter 2 Company Name  
B. US EPA ID Number

E. State Transporter's ID  
F. Transporter's Phone

8. Facility Name and Site Address ERICKSON INC  
255 PARR BLVD  
RICHMOND CA 94801  
10. US EPA ID Number CAD009466392

G. State Facility's ID CAD009466392  
H. Facility's Phone 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
	No.	Type			
<u>WASTE EMPTY STORAGE TANKS ASSOCIATED NON-RCRA HAZARDOUS WASTE SOLID PIPING</u>	<u>01</u>	<u>2 TP</u>	<u>21001010</u>	<u>P</u>	State <u>512</u> EPA/Other <u>NONE</u>
<u><del>ASSOCIATED PIPELINE MSS. NON-RCRA HAZARDOUS WASTE SOLID.</del></u>					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above  
QTY 2 EMPTY STORAGE TANK(S) # 25557  
TANK(S) HAVE BEEN INERTED WITH  
15 LBS DRY ICE PER 1000 GALLONS CAPACITY

K. Handling Codes for Wastes Listed Above  
01

15. Special Handling Instructions and Additional Information  
**Wear proper protective equipment while handling. Weights or volumes are approximate. ERG #171**  
24 Hour emergency telephone number : 510-252-8030 SITE LOCATION: UNITED AIRLINES  
1100 AIRPORT DR  
OAKLAND, CA  
24 Hour emergency contact: DENNIS MOUNTEN

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name DENNIS MOUNTEN Signature [Signature] Month 01 Day 15 Year 1999

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name JERRY R. ALLEN Signature [Signature] Month 01 Day 15 Year 1999

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month \_\_\_\_ Day \_\_\_\_ Year \_\_\_\_

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name DAVID SATO Signature DAVE SATO Month 01 Day 21 Year 1999

DO NOT WRITE BELOW THIS LINE.

FOR INFORMATION CALL THE NATIONAL RESOURCE CENTER 1-800-424-8802 WITH THE TOLL FREE NUMBER 1-800-424-8802  
GENERATOR OR FACILITY OR EMERGENCY OR CASE EMERGENCY OR CASE EMERGENCY OR CASE EMERGENCY

TELEPHONE (510) 235-1393

# CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER
JOB NO. 5205190
MARCOR

FOR: ERICKSON, INC. TANK NO. 25557

LOCATION: RICHMOND, CA DATE: 2/12/99 TIME: 10:43:21

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.0% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks; or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

## STANDARD SAFETY DESIGNATION

**SAFE FOR MEN:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**SAFE FOR FIRE:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

*Jameiolla* REPRESENTATIVE TITLE

*Dave JTB* INSPECTOR

ID:

CERTIFICATE

MAR 15 '99

12:35 No:012 P.04

NO. 32352

TELEPHONE  
(510) 235-1393

# CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER

JOB NO. 0200100  
MARCOR

FOR: ERICKSON, INC. TANK NO. 25558

LOCATION: RICHMOND, CA DATE: 2/16/99 TIME: 10:43:49

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT DIESEL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. KERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.  
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

## STANDARD SAFETY DESIGNATION

**SAFE FOR MEN:** Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

**SAFE FOR FIRE:** Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE

TITLE

INSPECTOR

TPS Technologies Inc.  
20 Recycling Lane, Richmond, CA 94801

MANIFEST CERTIFICATION FORM

Generator's and/or Consultant's Certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown below. Nothing has been added or done to such soil that would alter it in any way.

TPS Technologies Inc. Manifest Authorization # A04-00529  
Estimated # of tons is 500

Generator

Consultant

DENNIS MOULTON

Print or Type Name

*Dennis Moulton*

Signature

SR STAFF REP - ENVIRONMENTAL

Title

1-15-99

Date

→ 2 TRANSMISSIONS  
13 EACH.

# Customer Job Report

Gross &amp; Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number	Name	SiteAddress	SiteCity	State	ZipCode
A04 -- 00529	Oakland United Maintenance C	1100 Airport Drive	Oakland	CA	00000

Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
1	01/18/99 02:14	4DENBES		88,840M	34,820M	54,020	27.01
2	01/18/99 02:22	4DENBES		79,720M	35,000M	44,720	22.36
3	01/18/99 02:34	4DENBES		98,260M	34,160M	64,100	32.05
4	01/18/99 03:18	4DENBES		87,800M	32,320M	55,480	27.74
5	01/18/99 03:22	4DENBES		107,820M	35,580M	72,240	36.12
31	01/18/99 03:40	4DENBES		89,240M	32,520M	56,720	28.36
10	01/18/99 03:53	4DENBES		92,960M	34,820M	58,140	29.07
32	01/18/99 04:03	4DENBES		87,440M	29,300M	58,140	29.07
33	01/18/99 04:16	4DENBES		82,460M	32,120M	50,340	25.17
34	01/18/99 04:35	4DENBES		92,720M	35,000M	57,720	28.86
11	01/18/99 04:58	4DENBES		100,920M	35,580M	65,340	32.67
35	01/18/99 05:00	4DENBES		80,300M	34,120M	46,180	23.09
36	01/18/99 05:16	4DENBES		92,740M	32,220M	60,520	30.26
9	01/18/99 05:27	4DENBES		90,480M	32,520M	57,960	28.98
8	01/18/99 05:30	4DENBES		99,160M	34,820M	64,340	32.17
37	01/18/99 05:45	4DENBES		86,440M	29,300M	57,140	28.57
7	01/18/99 05:49	4DENBES		85,760M	32,120M	53,640	26.82
29	01/18/99 06:43	4DENBES		77,840M	35,000M	42,840	21.42
30	01/18/99 06:47	4DENBES		91,700M	34,120M	57,580	28.79
6	01/18/99 06:48	4DENBES		109,540M	35,580M	73,960	36.98
28	01/18/99 07:03	4DENBES		80,520M	32,220M	48,300	24.15
26	01/18/99 07:20	4DENBES		98,580M	32,520M	66,060	33.03
27	01/18/99 07:22	4DENBES		94,720M	34,820M	59,900	29.95
25	01/18/99 07:37	4DENBES		90,600M	29,300M	61,300	30.65
24	01/18/99 07:48	4DENBES		87,740M	32,120M	55,620	27.81
23	01/18/99 08:38	4DENBES		89,800M	34,120M	55,680	27.84
22	01/18/99 09:19	4DENBES		87,240M	32,480M	54,760	27.38
38	01/19/99 02:39	4DENBES		104,860M	33,660M	71,200	35.60
21	01/19/99 06:00	4DENBES		96,180M	32,480M	63,700	31.85

Completed Loads	Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:
30.00%	29	869.90%	100.00(tons)	843.82 (tons)

# Manifest

## TPS Technologies' Soil Recycling

Non-Hazardous Soils

Manifest # ↓

Date of Shipment:		Responsible for Payment: Generator		Transporter Truck #:		Facility #: A04		Given by TPS: 00529		Load #: 001	
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA						Generator's Phone #: (510) 382-8020		Generator's US EPA ID No.:			
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA						Consultant's Phone #:		Customer Account Number with TPS: 40AKAIR			
Person to Contact: Dennis C. Moulton						FAX#: (510) 382-8046		Customer Account Number with TPS: 1002501			
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA						Site Phone #:		BTEX Levels			
Person to Contact:						FAX#:		TPH Levels			
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA						Facility Phone #: 510-235-8778		Facility Permit Numbers			
Person to Contact: Debra Tuchen						FAX#: 510-231-4154		AVG. Levels			
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA						Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD982513632			
Person to Contact: Lori Denbeste						FAX#: (707) 838-7947		Transporter's DOT No.: 559677			
Customer Account Number with TPS: 4DENBES											
Description of Soil		Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight			
Sand <input type="checkbox"/>	Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			88,840	34,820	54,020			
Clay <input type="checkbox"/>	Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>								
		20% - over <input type="checkbox"/>	Other <input type="checkbox"/>								
Sand <input type="checkbox"/>	Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>								
Clay <input type="checkbox"/>	Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>								
		20% - over <input type="checkbox"/>	Other <input type="checkbox"/>								
List any exception to items listed above:											
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.											
Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>						Signature and date:			Month Day Year		
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.											
Print or Type Name: Luther & Sons						Signature and date: [Signature]			Month Day Year 1 18 99		
Discrepancies:											
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:											
Print or Type Name:						Signature and date: Debra Tuchen			1/18/99		

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TTS: 00529	Load #: 002
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621 USA	Generator's Phone #: (510) 382-8020	Generator's US EPA ID No.:
	Person to Contact: Dennis C. Moulton	
	FAX#: (510) 382-8046	Customer Account Number with TPS: 40AKAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Ken Johnson	
	FAX#: (415) 871-2000	Customer Account Number with TPS: 1002501

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 94621 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVC Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801 USA	Facility Phone #: 510-235-6770	Facility Permit Numbers:
	Person to Contact: Debra Tuchsen	
	FAX#: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX#: (707) 838-7947	Customer Account Number with TPS: VLEAFES

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

79,720  
35,000  
44,720  
22.36

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month Day Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month Day Year
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Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
---------------------	---------------------

Debra Tuchsen 1/18/99

Please print or type.

# Manifest

## TPS Technologies Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load #: 003			
Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621 USA		Generator's Phone #: (510) 382-8020		Generator's US EPA ID No.				
		Person to Contact: Dennis C. Moulton						
		FAX#: (510) 382-8046		Customer Account Number with TPS: 40AKAIR				
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:						
		Person to Contact: Ken Johnson						
		FAX#: (415) 871-2226		Customer Account Number with TPS: 1002581				
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 94600 USA		Site Phone #:		BTEX Levels				
		Person to Contact:		TPH Levels				
		FAX#:		AVG. Levels				
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801 USA		Facility Phone #: 510-235-8770		Facility Permit Numbers				
		Person to Contact: Debra Tuchsen						
		FAX#: 510-231-4154						
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD982513632				
		Person to Contact: Lori Denbeste		Transporter's DOT No.: 559677				
		FAX#: (707) 838-7947		Customer Account Number with TPS: DENBEST				
<b>Description of Soil</b>		<b>Moisture Content</b>	<b>Contaminated by:</b>	<b>Approx. Qty:</b>	<b>Description of Delivery</b>	<b>Gross Weight</b>	<b>Tare Weight</b>	<b>Net Weight</b>
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>		0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			98,260	34,160	64,100
List any exception to items listed above:								
32.05								
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.								
Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month	Day	Year
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.								
Print or Type Name: Pedro Diaz			Signature and date:			Month	Day	Year
Discrepancies:								
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above.								
Print or Type Name:			Signature and date:			7/18/99		
			Debra Tuchsen					

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.



# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: 404	Given by TPS: 00529	Load #: 004
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA		Generator's Phone #: (510) 302-0020		Generator's US EPA ID No.	
		Person to Contact: Dennis C. Moulton			
		FAX#: (510) 302-0046		Customer Account Number with TPS: 40AKAIR	
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:			
		Person to Contact: Ken Johnson			
		FAX#: (650) 871-2226		Customer Account Number with TPS: 1002501	
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA		Site Phone #:		BTEX Levels	
		Person to Contact:		TPH Levels	
		FAX#:		AVC Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-235-8778		Facility Permit Numbers	
		Person to Contact: Debra Tuchsen			
		FAX#: 510-231-4154			
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD982513632	
		Person to Contact: Lori Denbeste		Transporter's DOT No.: 559677	
		FAX#: (707) 838-7947		Customer Account Number with TPS: DENBESTE	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			87,800	32,320	55,480
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month | Day | Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Terry Adams Signature and date: \_\_\_\_\_ Month | Day | Year

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:  
Print or Type Name: \_\_\_\_\_ Signature and date: \_\_\_\_\_ 1/18/99

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load #: 005
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621  USA	Generator's Phone #: (510) 382-8020	Generator's US EPA ID No.:
	Person to Contact: Dennis C. Moulton	
	FAX#: (510) 382-8046	Customer Account Number with TPS: 40AKAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Ken Johnson	
	FAX#: (415) 871-2255	Customer Account Number with TPS: 1002581

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 00000  USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801  USA	Facility Phone #: 510-235-8778	Facility Permit Numbers
	Person to Contact: Debra Tuchsen	
	FAX#: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691  USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX#: (707) 838-7947	Customer Account Number with TPS: 4DENBEST

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			107,820	37,580	72,240
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Rick Lother Signature and date: \_\_\_\_\_ Month Day Year

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Tuchsen 4/18/99

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: \_\_\_\_\_ Responsible for Payment: **Generator** Transporter Truck #: \_\_\_\_\_ Facility #: **A04** Given by TPS: **00529** Load #: **031**

Generator's Name and Billing Address: **United Airlines**  
**1100 Airport Drive**  
**Oakland, CA 94621 USA**  
 Generator's Phone #: **(510) 382-8020**  
 Generator's US EPA ID No.: \_\_\_\_\_  
 Person to Contact: **Dennis C. Moulton**  
 Customer Account Number with TPS: \_\_\_\_\_  
 FAX#: \_\_\_\_\_

Consultant's Name and Billing Address: **Burns and McDonnell**  
**377 Oyster Point Blvd.**  
**Suite 13**  
**South San Francisco, CA 94080 USA**  
 Consultant's Phone #: **(415) 384-8048**  
 Customer Account Number with TPS: **40AAAR**  
 Person to Contact: **Joe Kelly**  
 Customer Account Number with TPS: \_\_\_\_\_  
 FAX#: \_\_\_\_\_

Generation Site (Transport from): (name & address) **Oakland United Maintenance Center**  
**1100 Airport Drive**  
**Oakland, CA 94621 USA**  
 Site Phone #: **(510) 952-9075**  
 BTEX Levels: **1002581**  
 Person to Contact: \_\_\_\_\_  
 TPH Levels: \_\_\_\_\_  
 FAX#: \_\_\_\_\_  
 AVG Levels: \_\_\_\_\_

Designated Facility (Transport to): (name & address) **TPS TECHNOLOGIES INC.**  
**20 Recycling Lane**  
**Richmond, CA 94801 USA**  
 Facility Phone #: **510-235-8778**  
 Facility Permit Numbers: \_\_\_\_\_  
 Person to Contact: **Debra Tuchen**  
 FAX#: \_\_\_\_\_

Transporter Name and Billing Address: **Denbeste Transportation**  
**930 Shiloh Road**  
**Bldg. 44**  
**Windsor, CA 95691 USA**  
 Transporter's Phone #: **(800) 838-1477**  
 Transporter's US EPA ID No.: \_\_\_\_\_  
 Person to Contact: **Lori Denbeste**  
 Transporter's DOT No.: **CAD982513632**  
 Customer Account Number with TPS: **533677**  
 FAX#: **(707) 838-7947**

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

871 240  
 321 520  
 561 720  
**28.36**

List any exception to items listed above: \_\_\_\_\_

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: \_\_\_\_\_ Generator  Consultant  Signature and date: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Dominac Machado** Signature and date: \_\_\_\_\_ Month: **11** Day: **18** Year: **99**

Discrepancies: \_\_\_\_\_

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchen** **11/18/99**

Please print or type.

# Manifest

## TPS Technologies Soil Recyclr Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: 104	Given by TPS: 00529	Load # 010
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA		Generator's Phone #: (510) 302-8020		Generator's US EPA ID No.	
		Person to Contact: Dennis C. Moulton			
		FAX#: (510) 302-8046		Customer Account Number with TPS: 40AKAIR	
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:			
		Person to Contact: Ken Johnson			
		FAX#: (650) 871-8869		Customer Account Number with TPS: 1002581	
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA		Site Phone #:		BTEX Levels	
		Person to Contact:		TPH Levels	
		FAX#:		AVG. Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-235-8778		Facility Permit Numbers	
		Person to Contact: Debra Tuchsén			
		FAX#: 510-231-4154			
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD982513632	
		Person to Contact: Lori Denbeste		Transporter's DOT No.: 559677	
		FAX#: (707) 838-7947		Customer Account Number with TPS: DEAPLES	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			92,960	34,820	58,140

29.07

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

**Transporter**  
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Leahy & Sons Signature and date: [Signature] Month Day Year 1 18 99

**Recycling Facility**  
Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Tuchsén 1/18/99

Please print or type.

# Manifest

## TPS Technologies Soil Recyclir

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>032</b>
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Generator's Name and Billing Address: <b>United Airlines</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 94621</b> <b>USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell</b> <b>377 Oyster Point Blvd.</b> <b>Suite 13</b> <b>South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelly</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 00000</b> <b>USA</b>	Site Phone #:	BTEX Levels:
	Person to Contact:	TPH Levels:
	FAX#:	AVC Levels:

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b>  <b>Richmond, CA 94801</b> <b>USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers:
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation</b> <b>930 Shiloh Road</b> <b>Bldg. 44</b> <b>Windor, CA 95691</b> <b>USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			87,420	29,300	58,140

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:      Generator       Consultant       Signature and date:      Month | Day | Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Doug Boostrom**      Signature and date: **Doug Boostrom**      Month | Day | Year: **01 | 18 | 99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:      Signature and date: **Debra Tuchsen**      **1/18/99**

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## TPS Technologies Soil Recyclir Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>033</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	Customer Account Number with TPS: <b>40AKAIR</b>
	FAX#: <b>(510) 382 8016</b>	

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>
	Person to Contact: <b>Joe Kelly</b>	
	FAX#: <b>(650) 952-9075</b>	

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 94600 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVC Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers:
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeate Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeate</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			82,460	32,120	50,340
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: \_\_\_\_\_ Generator  Consultant  Signature and date: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Rick Short** Signature and date: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above.

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchsen 1/18/99**

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #:
	Generator		A04	00529	034
Generator's Name and Billing Address:		Generator's Phone #:		Generator's US EPA ID No:	
United Airlines 1100 Airport Drive Oakland, CA 94621 USA		(510) 302-8020 Person to Contact: Dennis C. Moulton FAX#:			
Consultant's Name and Billing Address:		Consultant's Phone #:		Customer Account Number with TPS:	
Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		(510) 302-8046 Person to Contact: Joe Kelly FAX#: (650) 952-9075		40AKAIR 1002501	
Generation Site (Transport from): (name & address)		Site Phone #:		BTEX Levels	
Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 94621 USA		Person to Contact:		TPH Levels	
Designated Facility (Transport to): (name & address)		FAX#:		AVG Levels	
TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-235-8778 Person to Contact: Debra Tuchsen FAX#: 510-231-1151		Facility Permit Numbers	
Transporter Name and Mailing Address:		Transporter's Phone #:		Transporter's US EPA ID No:	
Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		(800) 838-1477 Person to Contact: Lori Denbeste FAX#: (707) 838-7947		CAD982513632 Transporter's DOT No.: 559677 Customer Account Number with TPS: 4DENBES	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			92,720	25,000	720
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Signature and date: Month Day Year

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Signature and date: Month Day Year

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>011</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelly</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			100,920	35,580	65,340


List any exception to items listed above:

32.67

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.


Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: <b>Rick Luther</b>	Signature and date: 	Month	Day	Year
		1	18	99

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date: 
	1/18/99

Please print or type.



# Manifest

## TPS Technologies Soil Recyclir Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>035</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 94612 USA</b>	Site Phone #:	BTEX Levels:
	Person to Contact:	TPH Levels:
	FAX#:	AVG. Levels:

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers:
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeate Transportation 930 Shiloh Road Bldg. 44 Windor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeate</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			80,300	31,120	46,180

List any exception to items listed above:

23.09

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

**Transporter** Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Jesse Thandi** Signature and date: \_\_\_\_\_ Month Day Year

**Recycling Facility** Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchsen 7/18/99**

Please print or type.

# Manifest

## PS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00523	Load #: 035
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621 USA	Generator's Phone #: <del>(510) 382-8020</del> Dennis C. Moulton FAX# (510) 382-8046	Generator's US EPA ID No.:	Customer Account Number with TPS: 40AKAIR
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Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:  Person to Contact: Joe Kelly FAX#: (650) 952-9075	Customer Account Number with TPS: 1002581
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Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 94621 USA	Site Phone #:  Person to Contact: FAX#:	BTEX Levels TPEI Levels AVG. Levels
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Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA	Facility Phone #: 510-235-8778 Person to Contact: Debra Tuchsen FAX#: 510-231-4154	Facility Permit Numbers
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Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windor, CA 95691 USA	Transporter's Phone #: (800) 838-1477 Person to Contact: Lori Denbeste FAX#: (707) 838-7947	Transporter's US EPA ID No.: CAD982513632 Transporter's DOT No.: 559677 Customer Account Number with TPS: 4DENBES
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Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			92,740	32,220	60,520
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

30.26

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month: Day: Year:
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: AI Westover	Signature and date:	Month: Day: Year: 1/18/99
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Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:	Month: Day: Year: 1/18/99
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Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## TPS Technologies Soil Recyclir

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: H04	Given by TPS: 00529	Load #: 005
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621  USA	Generator's Phone #: (510) 382-0020	Generator's US EPA ID No.
	Person to Contact: Dennis C. Moulton	
	FAX #: (510) 382-8046	Customer Account Number with TPS: 40ARAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Ken Johnson	
	FAX #: (650) 871-2256	Customer Account Number with TPS: 1002501

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 00000  USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX #:	AVG Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801  USA	Facility Phone #: 510-235-0778	Facility Permit Numbers
	Person to Contact: Debra Tuchsien	
	FAX #: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691  USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX #: (707) 838-7947	Customer Account Number with TPS: 40ARAIR

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			90,480	32,520	57,960
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.					
Print or Type Name:	Signature and date:	Month	Day	Year	

Discrepancies:					
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:					
Print or Type Name:	Signature and date:				

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## PS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load # 000
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA		Generator's Phone #: (510) 302-8020 Person to Contact: Dennis C. Moulton FAX#: (510) 302-8046		Generator's US EPA ID No.  Customer Account Number with TPS: 40AKAIR	
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:  Person to Contact: Ken Johnson FAX#: (858) 871-8886		Customer Account Number with TPS: 1002581	
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA		Site Phone #:  Person to Contact:  FAX#:		BTEX Levels TPH Levels AVG. Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-233-8778 Person to Contact: Debra Luchsen FAX#: 510-231-4154		Facility Permit Numbers	
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477 Person to Contact: Lori Denbeste FAX#: (707) 838-7947		Transporter's US EPA ID No.: CA0982513632 Transporter's DOT No.: 559677 Customer Account Number with TPS: 00000000	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			99,160	3,180	64,340
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above: 32.17

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Luther & Sons TRK # \_\_\_\_\_ Signature and date: \_\_\_\_\_ Month Day Year

Discrepancies:  
Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Luchsen 2/18/99

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>037</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelly</b>	
	FAX#: <b>(650) 853-8075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 94612 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeate Transportation 930 Shiloh Road Bldg. 44 Windor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeate</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			86,440	29,300	57,140
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: *I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.*

Print or Type Name: \_\_\_\_\_ Generator  Consultant  Signature and date: \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Transporter's certification: *I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.*

Print or Type Name: **Doug Boostrom** Signature and date: **Doug Boostrom** Month **1** Day **18** Year **99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchsen** **1/18/99**

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: 1174	Given by TPS: 00329	Lead #:
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA		Generator's Phone #: (510) 382-8020		Generator's US EPA ID No.	
		Person to Contact: Dennis C. Moulton			
		FAX#: (510) 382-8046		Customer Account Number with TPS: 404KAIR	
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:			
		Person to Contact: Ken Johnson			
		FAX#: (650) 871-8886		Customer Account Number with TPS: 1002581	
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA		Site Phone #:		BTEX Levels	
		Person to Contact:		TPH Levels	
		FAX#:		AVG. Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-235-8778		Facility Permit Numbers	
		Person to Contact: Debra Tuchen			
		FAX#: 510-231-4154			
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD982513632	
		Person to Contact: Lori Denbeste		Transporter's DOT No.: 559677	
		FAX#: (707) 838-7947		Customer Account Number with TPS: 00000000	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Rick Short Signature and date: \_\_\_\_\_ Month Day Year

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Tuchen 1/18/99

Please print or type.

TPS FACILITY COPY

# Manifest

## PS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load # <b>029</b>
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Generator's Name and Billing Address: <b>United Airlines</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 94621</b> <b>USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell</b> <b>377 Oyster Point Blvd.</b> <b>Suite 13</b> <b>South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 00000</b> <b>USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b>  <b>Richmond, CA 94801</b> <b>USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation</b> <b>930 Shiloh Road</b> <b>Bldg. 44</b> <b>Windsor, CA 95691</b> <b>USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			77 840	351 000	42 840
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:      Generator       Consultant       Signature and date: \_\_\_\_\_      Month    Day    Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Kurt M. Moulton**      Signature and date: **[Signature]**      Month    Day    Year: **11/18/99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:      Signature and date: **Debra Tuchsen 11/18/99**

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## PS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load # <b>030</b>
Generator's Name and Billing Address: <b>United Airlines</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 94621</b> <b>USA</b>		Generator's Phone #: <b>(510) 382-8020</b>		Generator's US EPA ID No.	
		Person to Contact: <b>Dennis C. Moulton</b>			
		FAX#: <b>(510) 382-8046</b>		Customer Account Number with TPS: <b>40AKAIR</b>	
Consultant's Name and Billing Address: <b>Burns and McDonnell</b> <b>377 Oyster Point Blvd.</b> <b>Suite 13</b> <b>South San Francisco, CA 94080</b> <b>USA</b>		Consultant's Phone #:			
		Person to Contact: <b>Joe Kelty</b>			
		FAX#: <b>(650) 952-9079</b>		Customer Account Number with TPS: <b>1002581</b>	
Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 00000</b> <b>USA</b>		Site Phone #:		BTEX Levels	
		Person to Contact:		TPH Levels	
		FAX#:		AVG. Levels	
Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b>  <b>Richmond, CA 94801</b> <b>USA</b>		Facility Phone #: <b>510-235-8778</b>		Facility Permit Numbers	
		Person to Contact: <b>Debra Tuchsén</b>			
		FAX#: <b>510-231-4154</b>			
Transporter Name and Mailing Address: <b>Denbeste Transportation</b> <b>930 Shiloh Road</b> <b>Bldg. 44</b> <b>Windsor, CA 95691</b> <b>USA</b>		Transporter's Phone #: <b>(800) 838-1477</b>		Transporter's US EPA ID No.: <b>CAD982513632</b>	
		Person to Contact: <b>Lori Denbeste</b>		Transporter's DOT No.: <b>559677</b>	
		FAX#: <b>(707) 838-7947</b>		Customer Account Number with TPS: <b>4DENBES</b>	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			91700	34120	57580
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:      Generator       Consultant       Signature and date: \_\_\_\_\_      Month | Day | Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Jesse Thand**      Signature and date: **JThand**      Month | Day | Year: **01 | 18 | 99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_      Signature and date: **Debra Tuchsén 1/18/99**

Please print or type.

TPS FACILITY COPY



# Manifest

## PS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: 404	Given by TPS: 00529	Load #: 006
Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA		Generator's Phone #: (510) 302-0020		Generator's US EPA ID No.	
		Person to Contact: Dennis C. Moulton			
		FAX#: (510) 302-0046		Customer Account Number with TPS: 40AKAIR	
Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA		Consultant's Phone #:			
		Person to Contact: Ken Johnson			
		FAX#: (415) 871-2266		Customer Account Number with TPS: 1002581	
Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA		Site Phone #:		BTEX Levels	
		Person to Contact:		T'P Levels	
		FAX#:		AVG. Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA		Facility Phone #: 510-235-0770		Facility Permit Numbers	
		Person to Contact: Debra Tuchsen			
		FAX#: 510-231-4154			
Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA		Transporter's Phone #: (800) 838-1477		Transporter's US EPA ID No.: CAD902513632	
		Person to Contact: Lori Denbeste		Transporter's DOT No.: 559677	
		FAX#: (707) 838-7947		Customer Account Number with TPS: DENBESTE	

Generator and/or Consultant

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			109,540	35,580	73,960
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

**Transporter**  
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Rich Lutz Signature and date: Rich Lutz Month Day Year: 1 18 99

**Recycling Facility**  
Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Tuchsen 1/18/99

Please print or type.

# Manifest

## PS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load #: 028
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621 USA	Generator's Phone #: (510) 382-8020	Generator's US EPA ID No.:
	Person to Contact: Dennis C. Moulton	
	FAX#: (510) 382-8046	Customer Account Number with TPS: 40AKAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Joe Kelty	
	FAX#: (650) 952-9075	Customer Account Number with TPS: 1002581

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801 USA	Facility Phone #: 510-235-8778	Facility Permit Numbers
	Person to Contact: Debra Tuchsen	
	FAX#: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX#: (707) 838-7947	Customer Account Number with TPS: 4DENBES

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			80520	32,220	48,300
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					24.15

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month Day Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month Day Year
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Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name:	Signature and date:

Please print or type.

# Manifest

## TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>026</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9079</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			98,580	32,520	66,060

List any exception to items listed above:  
**33.03**

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: \_\_\_\_\_ Generator  Consultant  Signature and date: \_\_\_\_\_ Month: \_\_\_\_\_ Day: \_\_\_\_\_ Year: \_\_\_\_\_

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **DENNIS C MOULTON** Signature and date: \_\_\_\_\_ Month: **1** Day: **18** Year: **99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchsen** **2/18/99**

Please print or type.

# Manifest

## TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>027</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennise C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsien</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation 930 Shiloh Road Bldg. 44 Windor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			94,720	34,820	59,900
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

29.95

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Leuther & Sons** Signature and date: **[Signature]** Month Day Year **1/18/99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **[Signature]** **1/18/99**

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Lead #: <b>025</b>
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Generator's Name and Billing Address: <b>United Airlines 1100 Airport Drive  Oakland, CA 94621 USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 00000 USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsén</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			90,600	29,300	61,300
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

30.65

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: <b>Dena Forstrom</b>	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date: <b>Dena Forstrom</b>	Month Day Year: <b>1/18/99</b>
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month Day Year:
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Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: <b>Debra Tuchsén</b>	Signature and date: <b>Debra Tuchsén</b>	Month Day Year: <b>1/18/99</b>
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Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: \_\_\_\_\_ Responsible for Payment: **Generator** Transporter Truck #: \_\_\_\_\_ Facility #: **A04** Given by TPS: **00529** Load #: **024**

Generator's Name and Billing Address:  
**United Airlines**  
**1100 Airport Drive**  
**Oakland, CA 94621 USA**

Generator's Phone #: **(510) 382-8020**  
 Person to Contact: **Dennis C. Moulton**  
 FAX#: **(510) 382-8046**

Generator's US EPA ID No.: \_\_\_\_\_  
 Customer Account Number with TPS: **40AKAIR**

Consultant's Name and Billing Address:  
**Burns and McDonnell**  
**377 Oyster Point Blvd.**  
**Suite 13**  
**South San Francisco, CA 94080 USA**

Consultant's Phone #: \_\_\_\_\_  
 Person to Contact: **Joe Kelty**  
 FAX#: **(650) 952-9075**

Customer Account Number with TPS: **1002581**

Generation Site (Transport from): (name & address)  
**Oakland United Maintenance Center**  
**1100 Airport Drive**  
**Oakland, CA 00000 USA**

Site Phone #: \_\_\_\_\_  
 Person to Contact: \_\_\_\_\_  
 FAX#: \_\_\_\_\_

BTEX Levels: \_\_\_\_\_  
 TPH Levels: \_\_\_\_\_  
 AVG. Levels: \_\_\_\_\_

Designated Facility (Transport to): (name & address)  
**TPS TECHNOLOGIES INC.**  
**20 Recycling Lane**  
**Richmond, CA 94801 USA**

Facility Phone #: **510-235-8778**  
 Person to Contact: **Debra Tuchsén**  
 FAX#: **510-231-4154**

Facility Permit Numbers: \_\_\_\_\_

Transporter Name and Mailing Address:  
**Denbeste Transportation**  
**930 Shiloh Road**  
**Bldg. 44**  
**Windsor, CA 95691 USA**

Transporter's Phone #: **(800) 838-1477**  
 Person to Contact: **Lori Denbeste**  
 FAX#: **(707) 838-7947**

Transporter's US EPA ID No.: **CAD982513632**  
 Transporter's DOT No.: **559677**  
 Customer Account Number with TPS: **4DENBES**

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			87,740	32,120	55,620
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above: \_\_\_\_\_

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: \_\_\_\_\_ Generator  Consultant  Signature and date: \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Rock Short** Signature and date: **[Signature]** Month \_\_\_\_\_ Day \_\_\_\_\_ Year **7/18/99**

Discrepancies: \_\_\_\_\_

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: **Debra Tuchsén 7/18/99**

Please print or type.

Generator and/or Consultant

Transporter

Recycling Facility

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load # <b>023</b>
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Generator's Name and Billing Address: <b>United Airlines</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 94621</b> <b>USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell</b> <b>377 Oyster Point Blvd.</b> <b>Suite 13</b> <b>South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelly</b>	
	FAX#: <b>(850) 952-9079</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): (name & address) <b>Oakland United Maintenance Center</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 00000</b> <b>USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVC Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b>  <b>Richmond, CA 94801</b> <b>USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsén</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation</b> <b>930 Shiloh Road</b> <b>Bldg. 44</b> <b>Windoor, CA 95691</b> <b>USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			89,800	34,120	55,680
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

(27.84)

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:      Generator       Consultant       Signature and date: \_\_\_\_\_      Month:    Day:    Year:

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Jesse Thandv**      Signature and date: **J Thandv**      Month: **1**    Day: **18**    Year: **99**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_      Signature and date: **Debra Tuchsén**      **1/18/99**

Please print or type.

# Manifest

## TPS Technologies Soil Recyclin

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load #: 022
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive  Oakland, CA 94621 USA	Generator's Phone #: (510) 382-8020	Generator's US EPA ID No.
	Person to Contact: Dennis C. Moulton	
	FAX#: (510) 382-8046	Customer Account Number with TPS: 40AKAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Joe Kelty	
	FAX#: {850} 952-9075	Customer Account Number with TPS: 1002581

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive  Oakland, CA 00000 USA	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane  Richmond, CA 94801 USA	Facility Phone #: 510-235-8778	Facility Permit Numbers
	Person to Contact: Debra Tuchsen	
	FAX#: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95591 USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX#: (707) 838-7947	Customer Account Number with TPS: 4DENBES

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator  Consultant  Signature and date: \_\_\_\_\_ Month | Day | Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Kurt R Moud Signature and date: \_\_\_\_\_ Month | Day | Year

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: \_\_\_\_\_ Signature and date: Debra Tuchsen 1/18/99

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.



# Manifest

## PS Technologies Soil Recyclin Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Generator	Transporter Truck #:	Facility #: A04	Given by TPS: 00529	Load #: 038
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Generator's Name and Billing Address: United Airlines 1100 Airport Drive Oakland, CA 94621 USA	Generator's Phone #: (510) 382-8020	Generator's US EPA ID No.:
	Person to Contact: Dennis C. Moulton	
	FAX#: (510) 382-8046	Customer Account Number with TPS: 40AKAIR

Consultant's Name and Billing Address: Burns and McDonnell 377 Oyster Point Blvd. Suite 13 South San Francisco, CA 94080 USA	Consultant's Phone #:	
	Person to Contact: Joe Kelty	
	FAX#: (650) 952-9079	Customer Account Number with TPS: 1002581

Generation Site (Transport from): (name & address) Oakland United Maintenance Center 1100 Airport Drive Oakland, CA 00000 USA	Site Phone #:	BTEX Levels:
	Person to Contact:	TPH Levels:
	FAX#:	AVG. Levels:

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94690 USA	Facility Phone #: 510-235-8778	Facility Permit Number:
	Person to Contact: Debra Tuchsén	
	FAX#: 510-231-4154	

Transporter Name and Mailing Address: Denbeste Transportation 930 Shiloh Road Bldg. 44 Windsor, CA 95691 USA	Transporter's Phone #: (800) 838-1477	Transporter's US EPA ID No.: CAD982513632
	Person to Contact: Lori Denbeste	Transporter's DOT No.: 559677
	FAX#: (707) 838-7947	Customer Account Number with TPS: 4DENBES

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			104,860	33,660	71,200

List any exception to items listed above:  
35.60

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month: Day: Year:
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, sorting to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month: Day: Year:
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Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
Print or Type Name:	Signature and date:

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Manifest

## PS Technologies' Soil Recycling Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <b>Generator</b>	Transporter Truck #:	Facility #: <b>A04</b>	Given by TPS: <b>00529</b>	Load #: <b>021</b>
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Generator's Name and Billing Address: <b>United Airlines</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 94621</b> <b>USA</b>	Generator's Phone #: <b>(510) 382-8020</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Dennis C. Moulton</b>	
	FAX#: <b>(510) 382-8046</b>	Customer Account Number with TPS: <b>40AKAIR</b>

Consultant's Name and Billing Address: <b>Burns and McDonnell</b> <b>377 Oyster Point Blvd.</b> <b>Suite 13</b> <b>South San Francisco, CA 94080 USA</b>	Consultant's Phone #:	
	Person to Contact: <b>Joe Kelty</b>	
	FAX#: <b>(650) 952-9075</b>	Customer Account Number with TPS: <b>1002581</b>

Generation Site (Transport from): <i>(name &amp; address)</i> <b>Oakland United Maintenance Center</b> <b>1100 Airport Drive</b>  <b>Oakland, CA 00000</b> <b>USA</b>	Site Phone #:	BTEX Levels
	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): <i>(name &amp; address)</i> <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b>  <b>Richmond, CA 94801</b> <b>USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>Debra Tuchsen</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Denbeste Transportation</b> <b>930 Shiloh Road</b> <b>Bldg. 44</b> <b>Windsor, CA 95691</b> <b>USA</b>	Transporter's Phone #: <b>(800) 838-1477</b>	Transporter's US EPA ID No.: <b>CAD982513632</b>
	Person to Contact: <b>Lori Denbeste</b>	Transporter's DOT No.: <b>559677</b>
	FAX#: <b>(707) 838-7947</b>	Customer Account Number with TPS: <b>4DENBES</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			96,180	32,480	63,700
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					

List any exception to items listed above:

31.85

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
<b>Kurt Mund</b>	<i>[Signature]</i>	<b>1</b>	<b>19</b>	<b>99</b>

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
	<i>[Signature]</i>

Generator and/or Consultant

Transporter

Recycling Facility

# NG CHEMICAL INC. DRIVER'S TIME REPORT

CLIENT MARCOR PROJECT #'S N98302  
 DATE 2/9/99 TRUCK # 11 TRAILER # 15  
 START SHIFT 7:15 AM END SHIFT \_\_\_\_\_ TOTAL HRS \_\_\_\_\_  
 START MILES \_\_\_\_\_ STOP MILES \_\_\_\_\_ TOTAL MILES \_\_\_\_\_

SITE LOCATION	TIME ARRIVED	TIME DEPARTED	TOTAL TIME	COMMENTS	MANIFEST NUMBER'S	ODOMETER READING
YARD 11		7:15 AM				210
Oakland	8:15 AM	8:45 AM	16 min	load 1		
Seaport	10:00 AM	10:30 AM	30 min	unload		
Oakland	11:30 AM	12:15 PM	45 min	load 2		
Seaport	12:45 PM	1:00 PM	15 min	unload		
Oakland	2:30 PM	3:15 PM	45 min	load 3		
Seaport	4:35 PM					
Yard						

COMMENTS/REASONS FOR DELAYS/ETC.: Pump water out of Baker tank  
transport the water to Seaport Environmental Redwood City  
Co. These loads were pumped for a total of 12000 gal.

SUPPLIES USED: Drums: Qty: \_\_\_\_\_ Type: \_\_\_\_\_ Size: \_\_\_\_\_  
 LINERS/PLASTIC: Qty: 5 Mil: \_\_\_\_\_ ABSORBENT: Qty: \_\_\_\_\_ Type: \_\_\_\_\_  
 PPE: GLOVES: Qty: \_\_\_\_\_ Type: \_\_\_\_\_ SUITS: Qty: 1 Type: tyvek Size: 4x  
 OTHER: 3 Bridge Tolls @ 935

CHEMICALS EXPOSED TO: \_\_\_\_\_  
 ON SITE SAFETY BRIEFING CONDUCTED BY: F. Green  
 EMPLOYEES NAME (PRINT): Francis A. Green SIGNATURE: Francis A. Green  
 SUPERVISORS SIGNATURE: Mark Schuch DATE: 2/9/99  
 CLIENT AUTHORIZATION: \_\_\_\_\_ DATE: 2/9/99

### NON-HAZARDOUS WATER TRANSPORT FORM

98131012-3

#### GENERATOR INFORMATION

United Airlines  
1100 Airport Drive  
Oakland Ca

#### CUSTOMER INFORMATION

Marco Remediation Inc

PO # 5805

DESCRIPTION OF WATER: Excavation dewatering  
NON-HAZARDOUS WASTE WATER, MONITORING WELL FLUDGE WATER AND/OR AUGER RINSEATE, TANK RINSEATE OR ABOVE  
DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL  
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS  
DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED,  
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE  
REGULATIONS.

Dennis C. Marzini  
Generator/Authorized Agent

Dennis C. Marzini 2/9/99  
Sign date

#### SITE INFORMATION

1100 Airport Drive  
Oakland  
Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	2000 gal

#### TRANSPORTER INFORMATION

Truck ID: #11

Driver: Francis A. Green  
Print full name & sign

2-9-99  
date

TIME OUT	
TIME IN	
TIME SPENT	

#### DISPOSAL FACILITY INFORMATION

Seaport Environmental  
675 Seaport Boulevard  
Redwood City, Ca 94063  
Phone: (650) 364 1024

Approval Number

901-476

Solids %wt DM

20% 7

0.18

Solids Surcharge  
\$/USG

2-9-99

Received by: J. Valles  
Print full name & sign

date

TU 17 75

### NON-HAZARDOUS WATER TRANSPORT FORM

98302-2

#### GENERATOR INFORMATION

United Airlines  
1100 Airport Drive  
Oakland Ca

#### CUSTOMER INFORMATION

Marco Remediation Inc

PO #: 5805

DESCRIPTION OF WATER: Excavation dewatering  
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR ALBER RINSATE, TANK RINSATE OR ABOVE  
DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL  
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS  
DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED,  
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE  
REGULATIONS.

Dennis C. Menden  
Generator/Authorized Agent

D. Zwick 2/2/99  
Sign date

#### SITE INFORMATION

1100 Airport Drive  
Oakland  
Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	5000 gal
<small>Concentration of 8.34 lbs per USG</small>	

#### TRANSPORTER INFORMATION

NG

Truck ID: #11  
Driver: FRANCIS A. GOSWAMI (W)  
Francis A. Goswami 2/2/99  
Print full name & sign date

TIME OUT	
TIME IN	
TIME SPENT	

#### DISPOSAL FACILITY INFORMATION

Seaport Environmental  
675 Seaport Boulevard  
Redwood City, Ca 94065  
Phone: (650) 364 1024

Approval Number

901-478

Solids %WT pH

100 2

10 13 45

Solids Surcharge  
c/USG

Received by: Ekin Ayala  
Print full name & sign

2-2-99  
date

**NON-HAZARDOUS WATER TRANSPORT FORM**

**GENERATOR INFORMATION**

United Airlines  
 1100 Airport Drive  
 Oakland Ca

**CUSTOMER INFORMATION**

Marco Remediation Inc

PO # 5805

DESCRIPTION OF WATER: Excavation dewatering  
 NON-HAZARDOUS WASTE WATER, MONITORING WELL FLUDGE WATER AND/OR ALDER RINSEATE, TANK RINSEATE OR ABOVE  
 DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL  
 IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS  
 DESCRIBED IN 22 CCP ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED,  
 CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE  
 REGULATIONS.

J. Valdes  
 Generator/Authorized Agent

[Signature]  
 Sign \_\_\_\_\_ date \_\_\_\_\_

**SITE INFORMATION**

1100 Airport Drive  
 Oakland  
 Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	5000 gal

Calculated at 8.34 lbs per USG

**TRANSPORTER INFORMATION**

NG

Truck ID: #11  
 Driver: Francis J. Green  
 Print full name & sign \_\_\_\_\_ date 2/9/99

TIME OUT	
TIME IN	
TIME SPENT	

**DISPOSAL FACILITY INFORMATION**

Seaport Environmental  
 675 Seaport Boulevard  
 Redwood City, Ca 94063  
 Phone: (650) 364 1024

Approval Number

903 - 478

Solids %wt pH

0% 7

[ ]

Solids Surcharge  
 e/USG

2-9-99

TU 10 86

Received by: \_\_\_\_\_  
 Print full name & sign

J. Valdes

date

**APPENDIX D**  
**LABORATORY ANALYTICAL REPORT**



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560  
Telephone : 925-798-1620 Fax : 925-798-1622  
<http://www.mccampbell.com> E-mail: main@mccampbell.com

ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
		Date Received: 01/18/99
	Client Contact: Alan Klein	Date Extracted: 01/18/99
	Client P.O:	Date Analyzed: 01/18/99

01/25/99

Dear Alan:

Enclosed are:

- 1). the results of 12 samples from your #690805.200; UAL project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director





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ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
		Date Received: 01/18/99
	Client Contact: Alan Klein	Date Extracted: 01/18-01/25/99
	Client P.O:	Date Analyzed: 01/18-01/25/99

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline\*, with Methyl tert-Butyl Ether\* & BTEX\***

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) <sup>+</sup>	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
01923	SW-1-6'	S	530,g	---	1.9	0.71	0.74	1.9	111
01924	SW-2-10'	S	ND	---	ND	ND	ND	ND	100
01925	SW-3-6'	S	ND	---	ND	ND	ND	ND	103
01926	SW-4-10'	S	ND	---	ND	ND	ND	ND	113
01927	EW-1-8'	S	2.4,a	---	0.65	0.033	0.12	0.13	109
01928	WW-1-8'	S	ND	---	ND	ND	ND	ND	109
01929	EW-2-9.5'	S	ND	---	ND	ND	ND	ND	109
01930	WW-2-9'	S	ND	---	ND	ND	ND	ND	90
01931	NW-1-9'	S	ND	---	ND	ND	ND	ND	109
01932	NW-2-9.5'	S	ND	---	ND	ND	ND	ND	113
01933	EXB-1	W	14,000,a	---	1100	2200	530	3000	106
01934	PW-1	W	16,000,a,h	---	280	1700	330	3200	102
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

\* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

\* cluttered chromatogram; sample peak coelutes with surrogate peak

\*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.



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ENSR  10324 Placer Lane, Suite 200  Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
		Date Received: 01/18/99
	Client Contact: Alan Klein	Date Extracted: 01/18/99
	Client P.O:	Date Analyzed: 01/18-01/20/99

**Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel \***

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d) <sup>+</sup>	% Recovery Surrogate
01923	SW-1-6'	S	16,000,a	105
01924	SW-2-10'	S	ND	98
01925	SW-3-6'	S	ND	81
01926	SW-4-10'	S	ND	81
01927	EW-1-8'	S	ND	82
01928	WW-1-8'	S	ND	81
01929	EW-2-9.5'	S	ND	101
01930	WW-2-9'	S	ND	101
01931	NW-1-9'	S	ND	82
01932	NW-2-9.5'	S	ND	101
01933	EXB-1	W	7300,b,d	99
01934	PW-1	W	5300,d,b,h	89
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	50 ug/L		
	S	1.0 mg/kg		

\* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

\*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.



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ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
	Client Contact: Alan Klein	Date Received: 01/18/99
	Client P.O:	Date Extracted: 01/18-01/21/99
		Date Analyzed: 01/19-01/21/99

**Methyl tert-Butyl Ether \***

EPA method 8260 modified

Lab ID	Client ID	Matrix	MTBE*	% Recovery Surrogate
01923	SW-1-6'	S	ND<100,j	96
01924	SW-2-10'	S	49	100
01925	SW-3-6'	S	5.5	99
01926	SW-4-10'	S	ND	97
01927	EW-1-8'	S	7.8	98
01928	WW-1-8'	S	ND	101
01929	EW-2-9.5'	S	22	97
01930	WW-2-9'	S	ND	96
01931	NW-1-9'	S	ND	96
01932	NW-2-9.5'	S	ND	97
01933	EXB-1	W	130	98
01934	PW-1	W	110,h	100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	1.0 ug/L	
		S	5.0 ug/kg	

\* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content

DHS Certification No. 1644

*EH* Edward Hamilton, Lab Director



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ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
		Date Received: 01/18/99
	Client Contact: Alan Klein	Date Extracted: 01/25/99
	Client P.O:	Date Analyzed: 01/25/99

**Lead\***

EPA analytical methods 6010/200.7, 239.2\*

Lab ID	Client ID	Matrix	Extraction °	Lead*	% Recovery Surrogate
01934	PW-1	W	TTLIC	ND	NA
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLIC	3.0 mg/kg		
	W	TTLIC	0.005 mg/L		
	---	STLC,TCLP	0.2 mg/L		

\* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L  
 °Lead is analysed using EPA method 6010 (ICP)for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples  
 ° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLIC), 3040(organic matrices,TTLIC), 3050(solids,TTLIC); STLC - CA Title 22  
 \* surrogate diluted out of range; N/A means surrogate not applicable to this analysis  
 \* reporting limit raised due matrix interference  
 i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.



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ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
	Client Contact: Alan Klein	Date Received: 01/18/99
	Client P.O:	Date Extracted: 01/27/99
		Date Analyzed: 01/27/99

Analytical methods			pH	Total Solids	Total Suspended Solids	Total Dissolved Solids	Specific Conductance
Lab ID	Client ID	Matrix	EPA 150.1, 9040, 9045	EPA 160.3, SM2540B	EPA 160.2, SM2540D	EPA 160.1, SM2540C	EPA 120.1, 9050 SM2510
			pH @ _°C	TS	TSS	TDS	Conductivity
01934	PW-1	W	7.60 @ 21.0°C	---	---	---	---
Reporting Limit or Method Accuracy unless otherwise stated; ND means not detected above the reporting limit; N/A means not applicable	W		± 0.05	10 mg/L	4 mg/L	10 mg/L	10 µmhos/cm
	S		± 0.1	N/A	N/A	N/A	N/A
Reporting Units	---		-log(a <sub>H<sup>+</sup></sub> ) @ _°C	mg/L	mg/L	mg/L	µmhos/cm at 25°C



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ENSR 10324 Placer Lane, Suite 200 Sacramento, CA 95827	Client Project ID: #690805.200; UAL	Date Sampled: 01/15-01/18/99
		Date Received: 01/18/99
	Client Contact: Alan Klein	Date Extracted: 01/25/99
	Client P.O:	Date Analyzed: 01/25/99

Analytical methods			Total Cyanide	Hexachrome	Dissolved Oxygen	Ignitability
Lab ID	Client ID	Matrix	Cyanide*	Cr <sup>+6</sup> , <sup>o</sup>	DO*	Flashpoint <sup>#</sup>
01934	PW-1	W	---	---	---	ND>100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W, Liq		0.01 mg/L	0.05 mg/L	1.0 mg/L at 25°C	± 2°C
	S		1.0 mg/kg	N/A	N/A	N/A
	STLC,TCLP		N/A	0.05 mg/L	N/A	N/A

\*water samples are reported in mg/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in mg/L  
<sup>#</sup> flashpoint values are reported in °C; negative means that a flash was not detected below 100°C  
<sup>o</sup> solid samples are extracted either in accordance with EPA method 1311 modified (DI TCLP) or California Title 22 DI STLC, depending upon the client's specification; the matrix column will indicate which extraction was performed.

## QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/18/99-01/19/99

Matrix: WATER

Analyte	Concentration (mg/L)			Amount Spiked	% Recovery		
	Sample (#01809)	MS	MSD		MS	MSD	RPD
TPH (gas)	0.0	89.4	94.2	100.0	89.4	94.2	5.2
Benzene	0.0	10.1	9.9	10.0	101.0	99.0	2.0
Toluene	0.0	10.2	11.5	10.0	102.0	115.0	12.0
Ethyl Benzene	0.0	10.4	10.7	10.0	104.0	107.0	2.8
Xylenes	0.0	31.3	33.0	30.0	104.3	110.0	5.3
TPH(diesel)	0.0	124	132	150	83	88	5.6
TRPH (oil & grease)	0	22800	22200	23700	96	94	2.7

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

## QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/18/99-01/19/99

Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#95578)			Amount Spiked	% Recovery		RPD
	MS	MSD			MS	MSD	
TPH (gas)	0.000	1.967	1.972	2.03	97	97	0.3
Benzene	0.000	0.194	0.198	0.2	97	99	2.0
Toluene	0.000	0.198	0.200	0.2	99	100	1.0
Ethylbenzene	0.000	0.194	0.196	0.2	97	98	1.0
Xylenes	0.000	0.564	0.568	0.6	94	95	0.7
TPH(diesel)	0	274	297	300	91	99	8.2
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$



McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553  
 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR VOCs (EPA 8240/8260 )

Date: 12/19/98-12/20/98

Matrix: WATER

Analyte	Concentration (ug/kg, u Sample (#00429)			Amount Spiked	% Recovery		RPD
	MS	MSD			MS	MSD	
1,1-Dichloroethe	0	97	106	100	97	106	8.9
Trichloroethene	0	78	82	100	78	82	4.5
EDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	85	87	100	85	87	1.7
Benzene	0	82	88	100	82	88	6.1
Toluene	0	79	86	100	79	86	8.4

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

## QC REPORT FOR VOCs (EPA 8240/8260 )

Date: 01/19/99-01/20/99

Matrix: SOIL

Analyte	Concentration (ug/kg, u)			Amount Spiked	% Recovery		RPD
	Sample (#95578)	MS	MSD		MS	MSD	
1,1-Dichloroethe	0	110	105	100	110	105	4.7
Trichloroethene	0	104	99	100	104	99	4.9
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	95	90	100	95	90	5.4
Benzene	0	118	115	100	118	115	2.6
Toluene	0	115	116	100	115	116	0.9

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$



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QC REPORT FOR ICP and/or AA METALS

Date: 01/25/99-01/26/99

Matrix: WATER

Extraction:

TTLIC

Analyte	Concentration (mg/L)			Amount	% Recovery		
	Sample	MS	MSD		MS	MSD	RPD
Total Lead	0.00	4.00	4.30	5.00	80	86	7.2
Total Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Aluminum	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickle	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

**ENSR**

**CHAIN OF CUSTODY RECORD**

Client/Project Name: <b>UAL</b>	Project Location: <b>1100 AIRPORT DR, OAKLAND, CA.</b>	Analysis Requested
Project Number: <b>6908050.200</b>	Field Logbook No.:	TPH - diesel TPH - GAS/BTEX AR. <del>MTBE</del> (0260)
Sampler: (Print Name) /Affiliation: <b>ALAN KLEIN / ENSR</b>	Chain of Custody Tape No.:	
Signature: <i>Alan Klein</i>	Send Results/Report to: <b>ALAN KLEIN</b>	

Field Sample No./ Identification	Date	Time	Grab	Comp	Sample Container (Size/Mat)	Sample Type (Liquid, Sludge, Etc.)	Preservative	Field Filtered	Lab I.D.	Remarks
SW-1-6'	1/15/99	1415	X		2" x 6" BRASS	SOIL	ICE	X	01923	
SW-2-10'		1420							01924	
SW-3-6'		1425							01925	
SW-4-10'		1430							01926	
EW-1-8'		1530							01927	
WW-1-8'		1540							01928	
EW-2-9.5'	1/18/99	1345	X		2" x 6" BRASS	SOIL	ICE	X	01929	
WW-2-9'		1350							01930	
NW-1-9'		1435							01931	
NW-2-9.5'		1445							01932	

Relinquished by: (Print Name) <b>ALAN J. KLEIN</b> Signature: <i>Alan Klein</i>	Date: 1-18-99 Time: 1530	Received by: (Print Name) <i>Jack Long</i> Signature:	Date: 1-18-99 Time: 1530	Analytical Laboratory  <b>McC Campbell</b> <b>ANALYTICAL INC.</b> 110 Second Ave South #07 PACHECO, CA. 94553 #925-798-1620
Relinquished by: (Print Name) <i>Jack Long</i> Signature:	Date: 1-18-99 Time: 1650	Received by: (Print Name) <i>Vincent V (MAF)</i> Signature:	Date: 1/18/99 Time: 1650	
Relinquished by: (Print Name) <b>ICEN</b> Signature: <b>GOOD CONDITION</b> <b>HEAD SPACE ABSENT</b>	Date: <b>PRESERVATION APPROPRIATE</b> <b>CONTAINERS</b>	Received by: (Print Name) <b>VINCENT V (MAF)</b> Signature:	Date: Time:	

LOW

Serial No. 29481

**ENSR**

**CHAIN OF CUSTODY RECORD**

Client/Project Name: UAL

Project Location: 1100 AIRPORT DR OAKLAND, CA.

Analysis Requested

Project Number: 6908050.200

Field Logbook No.:

Sampler: (Print Name) /Affiliation:  
ALAN KLEIN / ENSR  
Signature: Alan Klein

Chain of Custody Tape No.:  
Send Results/Report to:  
ALAN KLEIN, SAC.

TPH diesel  
TPH GAS/BTEX  
MTBE & 8260  
Total TPH, AL, Volatiles  
1/19 AL

Field Sample No./ Identification	Date	Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, Etc.)	Preservative	Field Filtered	TPH diesel	TPH GAS/BTEX	MTBE & 8260	Total TPH, AL, Volatiles	Lab I.D.	Remarks
X2 EXB - 1	1/18/99	1410	X		1 - AMBER 4 - VOA	WATER	HCL		X	X	X		01933	
X PW - 1	1/18/99	1425	X		2 - AMBER 4 - VOA	WATER	HCL		X	X	X	X	01934	

IGEN  GOOD CONDITION HEADSPACE ABSENT  
PRESERVATION APPROPRIATE CONTAINERS  
VOAST O&G METALS OTHER  
preservation lab 1/19 13:30

Relinquished by: (Print Name)  
ALAN KLEIN  
Signature: Alan Klein

Date: 1-18-99  
Time: 1530

Received by: (Print Name)  
Jack Long  
Signature: Jack Long

Date: 1-18-99  
Time: 1530

Analytical Laboratory (Destination):  
ENSR WILL CALL IN W/ ADDITIONAL ANALYSIS FOR SAMPLE PW-1

Relinquished by: (Print Name)  
Jack Long  
Signature: Jack Long

Date: 1-18-99  
Time: 16:50

Received by: (Print Name)  
Wanda V (MFA)  
Signature: Wanda V (MFA)

Date: 1/18/99  
Time: 16:50

Relinquished by: (Print Name)  
Signature:

Date:  
Time:

Received by: (Print Name)  
Signature:

Date:  
Time:

Serial No. 29483

*Law*