

Co. 2569



May 21, 2003
Project 62400117

Mr. Hernan E. Gomez
Hazardous Materials Inspector
Office of Emergency Services
Oakland Fire Department
1605 Martin Luther King, Jr. Way
Oakland, California 94612

Alameda County
JUN 06 2003
Environmental Health

Dear Mr. Gomez:

**Subject: Pump Island Modification and Testing Report
Earthgrains Baking Companies, Inc.
955 Kennedy Street
Oakland, California 94606**

Reference: Facility ID Number: 039701

On behalf of Earthgrains Baking Companies, Inc. (Earthgrains), Philip Services Corporation (PSC) is submitting a *Pump Island Modification and Testing Report* for the above-referenced facility. This report summarizes the pump island modifications and secondary containment testing performed on the 10,000-gallon diesel UST system during April 2003. A UST system location map is shown on Figure 1 (Attachment 1).

The City of Oakland Fire Prevention Bureau issued Tank Permit #14-03 on March 17, 2003 authorizing diesel pump island modifications and testing to correct secondary containment deficiencies (Attachment 2). Oakland Fire Department (OFD) authorized permanent closure of a new motor oil dispensing system located on the diesel pump island on April 2, 2003. Earthgrains contracted Stockton Service Station Equipment Co., Inc. (SSSE) to perform the island modification and closure work and PSC to perform the subsurface soil assessment. PSC subcontracted Vironex to perform the drilling services and STL San Francisco (STL) to perform the analytical testing services.

Installation and Testing of Secondary Containment Systems

SSSE disconnected and removed the former suction pump and under-pump containment sump from the diesel pump island. Diesel-impacted gravel covered the dual-wall fiberglass-reinforced plastic (FRP) product piping beneath the former containment sump. Following an OFD work inspection on April 2, 2003, PSC discovered the presence of a concrete vault below the island surface. SSSE removed the diesel-impacted gravel from inside the pump island vault and containerized the material inside a 55-gallon drum for off-site disposal.



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SSSE replaced the original clam-shell elbow and extended the height of the FRP secondary piping in order to install a new under-pump containment sump. The inner product piping was extended upward using a FRP sleeve adapter to accommodate the stainless-steel flexible connector.

SSSE installed a new FRP containment sump inside the pump island vault to isolate the product piping and electrical conduits for the new suction pump. The piping and electrical conduits were fitted with properly-sized penetration boots upon entering the sump to ensure water tightness. SSSE pressure tested the secondary piping and hydro-statically tested the under-pump containment sump using industry-approved testing methods (Attachment 3). Following the secondary containment testing, the new containment sump was set in concrete.

A *Veeder-Root* float-type liquid sensor was installed on the bottom of the containment sump and connected to the existing release detection system. A *Beaudreau* Model 404 stand-alone liquid sensor was installed to provide positive shutdown of the suction pump, if liquid is detected in the bottom of the containment sump. SSSE operationally tested each liquid sensor during the annual monitoring system certification on April 11, 2003 (Attachment 4). One new single-hose *Gasboy* Model 9152 suction pump and high-hose retriever were installed on the pump island following the monitoring system certification.

Permanent Closure of New Motor Oil Dispensing System

The new motor oil dispensing system consisted of underground dual-wall FRP product piping, a polyethylene secondary containment sump and electronic float-type liquid sensor, aboveground single-wall steel product piping, and an overhead hose-reel dispensing unit. The underground dual-wall product piping traveled from an adjacent truck wash building to the former secondary containment sump located inside the pump island. The containment sump and liquid sensor were located inside a concrete vault below the surface of the island. The former aboveground product piping traveled upward along the island canopy column to an overhead hose-reel assembly.

SSSE drained and containerized residual motor oil prior to disconnecting and removing the aboveground product piping and overhead hose-reel assembly. The containment sump and liquid sensor were permanently removed from inside the island vault and the underground product piping was purged with compressed air. SSSE collected and containerized the residual oil in a 55-gallon drum for off-site disposal.

Following removal of the containment sump and ancillary equipment, SSSE triple rinsed the concrete island vault and underground product piping with a detergent and water solution. The wash rinsate was collected and containerized in a 55-gallon drum for off-site disposal. The OFD inspected the wash rinsate on April 8, 2003 and authorized the in-place closure of the concrete vault and underground product piping. SSSE closed-in-place the underground motor oil product piping using a sand-cement slurry and filled the island vault to surface with approximately one cubic yard of Portland-cement concrete on April 9, 2003 (Attachment 5).

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Mr. Hernan E. Gomez
May 21, 2003

Assessment of Subsurface Soils

Vironex drilled two probe holes in the vicinity of the pump island to assess subsurface soils on April 9, 2003. PSC collected one native soil sample from each probe hole to determine potential petroleum-hydrocarbon impact from the diesel and new motor oil underground product piping (Attachment 6). Probe Hole - 1 was collected adjacent to the diesel product piping chase at a depth of 4.5 feet below pavement surface. Probe Hole - 2 was collected adjacent to the motor oil product piping chase at a depth 3.5 feet below pavement surface. A soil sample location map is shown on Figure 2 (Attachment 1).

STL analytical data report indicates that benzene, toluene, ethyl benzene, and total xylenes were not detected at the reporting limits in Probe Hole - 1. Total extractable petroleum hydrocarbons (TEPH) calculated as diesel were detected at a concentration of 3,300 milligrams-per-kilogram (mg/Kg) in Probe Hole - 1. TEPH calculated as motor oil were not detected at the reporting limits in Probe Hole - 2 (Attachment 7).

Disposal of Solid and Liquid Waste

Ecology Control, Inc. loaded and transported one 55-gallon drum of diesel-impacted gravel and one 55-gallon drum of diesel, motor oil, and wash rinsate to a licensed disposal facility on April 9, 2003. Upon receipt, PSC will provide the OFD with disposal documentation.

If you have any questions regarding this pump island report, then please contact me at (618) 281-7173 (x 1546).

Respectfully,

PHILIP SERVICES CORPORATION



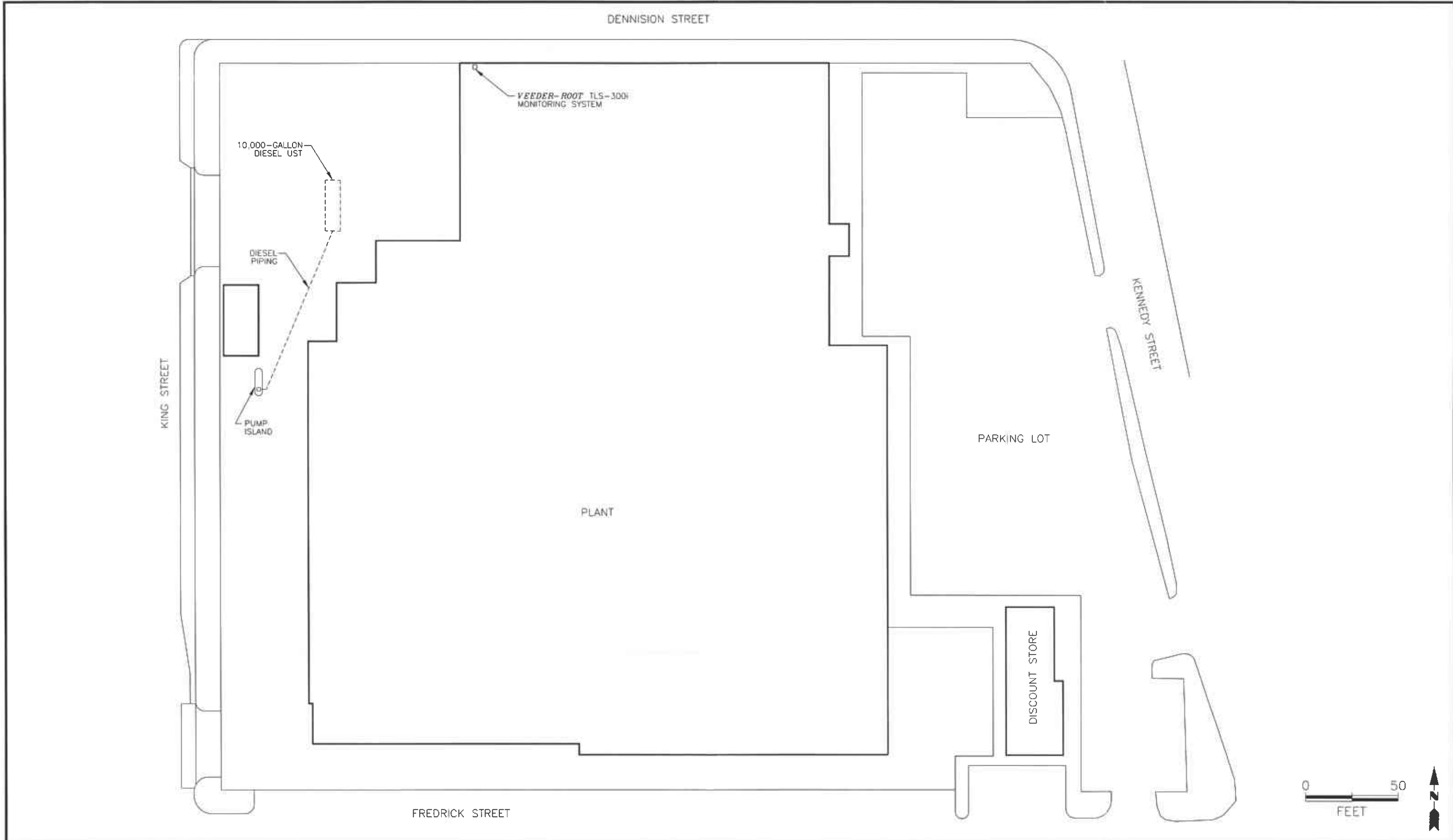
Scott Jander
Staff Scientist

Attachments: Figures 1 & 2
Tank Permit
Secondary Containment Testing Forms
Monitoring System Certification
Concrete Delivery Ticket
Daily Field Report
Laboratory Analytical Data

Attachment 1

Figure 1 - UST System Location Map

Figure 2 - Soil Sample Location Map

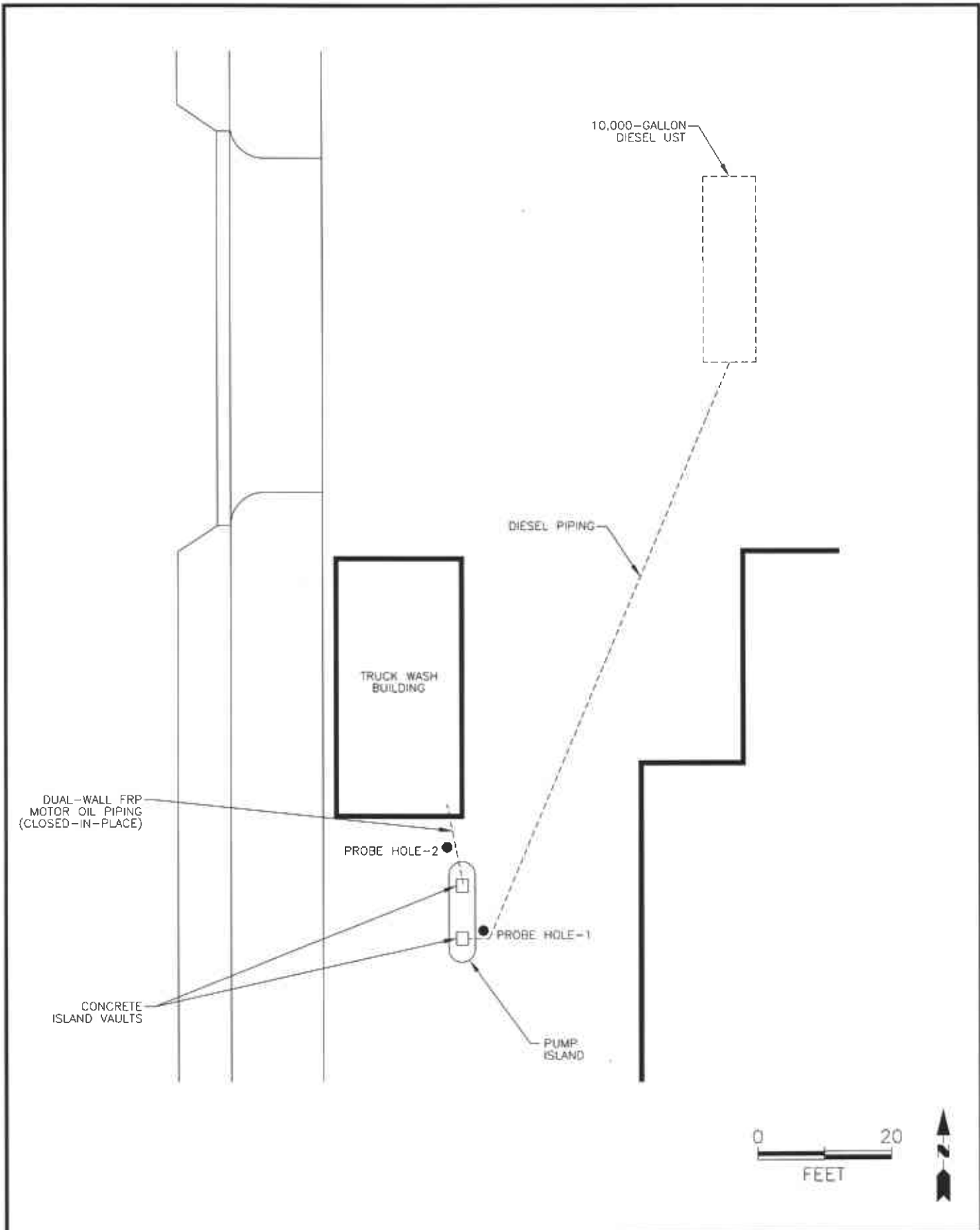


COL 624\00117A-002



TITLE
UST SYSTEM LOCATION MAP

DWN	TMM	DES	DSJ	PROJECT NO.	62400117
CHKD		APPD		EARTHGRAINS BAKING CO., INC. OAKLAND, CALIFORNIA	
DATE	5/13/03	REV	2	FIGURE 1	



COL. 624\001174-003



TITLE
SOIL SAMPLE LOCATION MAP

DWN: TMM	DES: DSJ
CHKD:	APPD:
DATE: 5/13/03	REV: 0

PROJECT NO.: 62400117
EARTHGRAINS BAKING CO., INC
OAKLAND, CALIFORNIA

FIGURE 2

Attachment 2

City of Oakland
Tank Permit #14-03

**City Of Oakland
FIRE PREVENTION BUREAU**

250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851



*Permit To Excavate And Install, Repair,
Or Remove Inflammable Liquid Tanks*

Oakland, California March 17, 2003

Tank Permit Number: 14-03

Permission Is Hereby Granted To:

Repair Diesel Tank And Excavate Commencing: Feet Inside: Property Line.

On The: East side of King Street, 180 Feet South of Dennison Street

Site Address: 955 Kennedy St Present Storage:

Owner: Earthgrains Baking Companies, Inc Address: 955 Kennedy St, Oakland, CA 94606 Phone: 510-436-5350

Applicant: Earthgrains Baking Companies, Inc Address: 955 Kennedy St, Oakland, CA 94606 Phone: 510-436-5350

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X No. Of Tanks Capacity Gallons, Each

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flares To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection:

Inspected And Passed On: _____

Approved: Sandra A. Smith
Fire Marshal

By: _____
UST/AST Installations/modifications:

Inspection Fee Paid: \$ 540.00

Pressure Test: Inspected By: _____ Date: _____

Primary Piping Test: Inspected By: _____ Date: _____

Received By: C. T. Clark - ohk # 55615, rec # 851757

Secondary Containment & Sump Testing:
Inspected By: _____ Date: _____

Final: Inspected By: _____ Date: _____

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Distribution: White - Fire Prevention Bureau, Yellow - Contractor, Pink - Electrical Inspection

Attachment 3

Secondary Containment Testing Report Form

Secondary Containment Testing Report Form

Stockton Service Station Equipment Co., Inc.

808 N. Union Street, Stockton, CA 95205 (209) 464-8333 Fax (209) 464-8349 California License 309105, A C-61/D40 HAZ
 E-MAIL ssseco@pacbell.net www.stocktonservicestation.com

1. FACILITY INFORMATION

Facility Name: Earthgrains Baking Companies, Inc.	Date of Testing: April 10, 2003
Facility Address: 955 Kennedy Street, Oakland, CA 94606	
Facility Contact: Mel Siegel	Phone: 510-436-5350
Date Local Agency Was Notified of Testing: April 4, 2003	
Name of Local Agency Inspector (if present during testing): Hernon Gomez	

2. TESTING CONTRACTOR INFORMATION

Company Name: Stockton Service Station Equipment Co., Inc.	
Technician Conducting Test: Eric Molgaard	
Credentials: <input checked="" type="checkbox"/> CSLB Licensed Contractor	<input type="checkbox"/> SWRCB Licensed tank Tester
License Type: C-61/D40 HAZ/HIC	License Number: 309105

Manufacturer	Manufacturer Training Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS

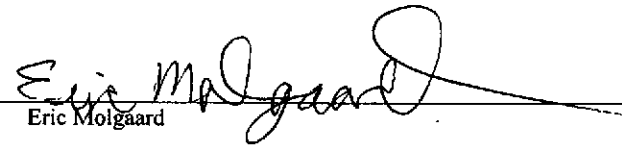
Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Secondary Pipe Test [Pg. 3]	X			X					
Under-Dispenser Containment Test [Pg. 5]	X			X					

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

PAGES 2, 4, 6, 7 are not applicable.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTION THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements.

Technician's Signature:  Date: April 14, 2003
 Eric Molgaard

Original mailed to: Hernon Gomez, Oakland Fire Department
 Copies mailed to: Scott Jander, Philip Services Corp.

EARTHGRAINS BAKING COMPANIES, INC.
OAKLAND, CA

5. SECONDARY PIPE TESTING

Test Method Developed By: Professional Engineer	<input checked="" type="checkbox"/> Piping Manufacturer	<input type="checkbox"/> Industry Standard	<input type="checkbox"/>
	<input type="checkbox"/> Other (Specify)		
Test Method Used:	<input checked="" type="checkbox"/> Pressure	<input type="checkbox"/> Vacuum	<input type="checkbox"/> Hydrostatic
	<input type="checkbox"/> Other (Specify)		
Test Equipment Used: Pressure Gauge	Equipment Resolution:	0.20	

	Piping Run # 1	Piping Run #2	Piping Run #3	Piping Run #4
Piping Material:	Fiberglass			
Piping Manufacturer:	Amron			
Piping Diameter:	3"			
Length of Piping Run:	130 Feet			
Product Stored:	DIESEL			
Method and location of piping-run isolation:	TEST BOOTS			
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES			
Test Start Time:	4:05 PM			
Initial Reading (R1)	4 LBS. PSI			
Test End Time:	5:05 PM			
Final Reading (Rf):	4 LBS. PSI			
Test Duration:	1 HOUR			
Change in Reading (Rf-R1)	-0-			
Pass/Fail Threshold or Criteria:	-0- CHANGE			
Test Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Comments -- (include information on repairs made prior to testing, and recommended follow-up for failed tests)

INSTALLED NEW UDC, NEW SECONDARY PIPING AT UDC & TEST BOOT.
 REMOVED TEST BOOTS IN PIPING SUMP AFTER ALL TESTING WAS
 COMPLETE.

EARTHGRAINS BAKING COMPANIES, INC.
OAKLAND, CA
April 10, 2003

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	<input type="checkbox"/> UDC Manufacturer	<input checked="" type="checkbox"/> Industry Standard	<input type="checkbox"/> Professional Engineer
	<input type="checkbox"/> Other (Specify)		
Test Method Used:	<input type="checkbox"/> Pressure	<input type="checkbox"/> Vacuum	<input checked="" type="checkbox"/> Hydrostatic
	<input type="checkbox"/> Other (Specify)		
Test Equipment Used:	CALDWELL LEVEL GAUGE		Equipment Resolution: 0.0025
	UDC #	UDC #	UDC #
UDC Manufacturer:	Western Fiberglass		
UDC Material:	Fiberglass		
UDC Depth:	24 INCH		
Height from UDC Bottom to Top of Highest Piping Penetration:	IN BOTTOM OF UDC PAN		
Height from UDC Bottom to Lowest Electrical Penetration:	IN BOTTOM OF UDC PAN		
Condition of UDC prior to testing:	JUST INSTALLED CLEAN & NEW		
Portion of UDC Tested ¹	8 INCH		
Does turbine shut down when UDC sensor detects liquid (both product & water)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Turbine shutdown response time:	NO TURBINE		
Is system programmed for fail-safe shutdown?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Was fail-safe verified to be operational?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
Wait time between applying pressure/vacuum/water & starting test	5 MINUTES		
Test Start Time:	1:10 PM		
Initial Reading (R1):	8 INCH		
Test End Time:	2:10 PM		
Final Reading (Rf):	8 INCH		
Test Duration:	1 HOUR		
Change in Reading (Rf-R1)	-0-		
Pass/Fail Threshold or Criteria:			
Test Result:	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL
Was sensor removed for testing?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Was sensor properly replaced and verified functional after test?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Comments -- (include information on repairs made prior to testing, and recommended follow-up for failed tests)

INSTALLED NEW UDC

¹ If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (SWRCB LG-160)

Attachment 4

Monitoring System Certification

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: **EARTHGRAINS BAKING COMPANIES, INC.**

Bldg. No.: _____

Site Address: **955 KENNEDY STREET**

City: **OAKLAND**

Zip: **94606**

Facility Contact Person: **MEL SIEGEL**

Contact Phone No.: **(415) 436-5350**

Make/Model of Monitoring System: **Veeder-Root TLS-300I**

Date of Testing/Serviceing: **04/11/03**

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: <u>DIESEL</u> <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>847390</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>794390-420</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>794380-208</u> <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: _____ <input type="checkbox"/> In-Tank Gauging Probe. Model: _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model: _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____ <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Tank ID: _____ <input type="checkbox"/> In-Tank Gauging Probe. Model: _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model: _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____ <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: _____ <input type="checkbox"/> In-Tank Gauging Probe. Model: _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model: _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____ <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: <u>DIESEL</u> <input checked="" type="checkbox"/> Dispenser Containment Sensor(s). Model: <u>794380-208</u> <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): System set-up Alarm history report

Technician Name (print): LEE A. WILLIAMS

Signature: 

Certification No.: 571020489

License No.: 03160

Testing Company Name: Stockton Service Station Equipment Co., Inc. Phone No.: (209) 464-8333

Site Address: 955 KENNEDY STREET, OAKLAND, CA 94606

Date of Testing/Serviceing: 4/11/03

D. Results of Testing/Serviceing

Software Version Installed: _____

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the audible alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the visual alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? (Check all that apply) <input type="checkbox"/> Sump/Trench Sensors; <input type="checkbox"/> Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? <input type="checkbox"/> Yes; <input type="checkbox"/> No.
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	For tank systems that utilize the monitoring system as the primary tank overflow warning device (i.e. no mechanical overflow prevention valve is installed), is the overflow warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) <input type="checkbox"/> Product; <input type="checkbox"/> Water. If yes, describe causes in Section E, below.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments: _____

F. In-Tank Gauging / SIR Equipment:

- Check this box if tank gauging is used only for inventory control.
- Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all tank gauging probes visually inspected for damage and residue buildup?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system product level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system water level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all probes reinstalled properly?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

- Check this box if LLDs are not installed.

Complete the following checklist:

<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: <input type="checkbox"/> 3 g.p.h.; <input type="checkbox"/> 0.1 g.p.h.; <input type="checkbox"/> 0.2 g.p.h.
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Was the testing apparatus properly calibrated?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments: _____

Attachment 5

Concrete Delivery Ticket



RIGHT AWAY REDY MIX, INCORPORATED

Plant #1 401 Kennedy Street, Oakland, CA 94606-5321 • (510) 536-1900
 Plant #2 30100 Union City Blvd., Union City, CA 94587-1512 • (510) 489-0515
 Plant #3 5501 Imhoff Drive, Martinez, CA 94553-4391 • (925) 682-1700
 Plant #4 501 El Charro Road, Pleasanton, CA 94588-9617 • (925) 443-2300
 Business Office: 725 Julie Ann Way, Oakland, CA 94621-4037 • (510) 632-0602
 Dispatcher 1-800-696-0515

TICKET #
 1-761

CAUTION TERMS AND CONDITIONS

May cause eye or skin injury. Contains portland cement. Freshly mixed cement, mortar, concrete, or grout may cause skin injury.

- TAKE THESE PRECAUTIONS:
1. Avoid all contact with eyes.
 2. Wear rubber boots and gloves, and avoid prolonged contact directly with skin or through porous materials.
 3. In case of contact with skin or eyes, FLUSH THOROUGHLY WITH WATER.
 4. If irritation persists, get medical attention promptly.
 5. Keep children away.
 6. WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

By accepting delivery buyer agrees to the following terms:
 ALL ORDERS ARE FOR STREET CURB DELIVERY; buyer will assume all responsibility for any damage where delivery is made inside the curb;
 A clean out area must be provided and buyer assumes responsibility for cleaning street;
 All charge balances due by the 10th day of the month following date of purchase;
 A service charge of 1-1/2% per month will be charged on all past due balances;
 Quoted rate valid only if account payments remain current;
 All COD orders cash only unless prior verification of check; there is a \$15.00 service charge on all returned checks;
 NOTICE TO PROPERTY OWNER: DO NOT rely upon this invoice as proof of payment; Please read mechanic's lien law notice on back of invoice;
 Reasonable attorney fees to be allowed in the event of any legal proceeding arising out of a breach of this agreement.

Received by X Kan Becker
 Print name X Kan Becker Driver License # _____

CUSTOMER ID 00015806	P.O. NUMBER 10210	ITEMS 200	BOX NUMBER 10210	BATCH NUMBER 10210	TICKET NUMBER 1-761
SOLD TO EARL GRAINS			DELIVERED TO AT EARL GRAINS		WATER ADDED GALLONS <u>0</u>

QUANTITY THIS LOAD	QUANTITY ORDERED	QUANTITY DELIVERED	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
1.00	1.00	1.00	070	MINIMUM PORTLAND	LD	88.00	88.00
2.00	2.00	2.00	375	FUEL SUPPLEMENT	LD	8.00	16.00

PLANT	ORDER	PLANT	DUE DATE	STAND-BY CONDITIONS	INITIALS	PRICE			
101	101	101	10/15	4 MINUTES PER YARD, \$1 PER MINUTE IN EXCESS	KS	9.00			
START TIME	START TIME	START TIME	FINISH TIME	LEFT TIME	TRUCK MINUTES	TIME ALLOWED	STAND-BY TIME	CHARGE PLAN	REMARKS
9:53	9:55	9:55	10:05	10:15	10	9	6		
Paid check # 55850 Total 264.47						TOTAL	222.25		

CERTIFICATE OF WEIGHT AND MEASURE

that the described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized person prescribed by Chapter 7, (commencing with Section 127000) of Division 5 of the California Business and Professions Code, administered by the Department Standards of the California Department of Food and Agriculture.

Weighed at Oakland

Attachment 6

Vironex
Daily Field Report



Daily Field Report

Northern California

2110 Adams Avenue

San Leandro, CA 94577

(510) 568-7676 / (510) 568-7679 fax

1-800-VIRONEX

WWW.VIRONEX.COM

CS7 - 705927

Client: PHILLIPS SERVICES

Project: OAKLAND

Location: 955 KENNEDY ST.

Date: 4/9/03

Crew: BRYAN M. / K.C.

Equipment: SE-6

CURER

Mob/Demob: 5:15

On Site Time: 7:50

Start Time: 8:00

Lunch / Breaks:

Standby - Client:

Standby - Vironex:

Off Site Time: 9:00

Note standby time in "Variance in Scope of Work."

A work-day is 8 hours on-site, which includes tailgate, setup, breakdown, and waste handling, an overtime rate is applicable thereafter.

Vironex assumes that other parties will provide site access, drilling and well permits, utility location and clearance for drilling and sampling activities. VIRONEX ASSUMES NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES.

SAFETY IS PARAMOUNT

The undersigned accepts these terms for services rendered.

Scott Sandora
Client Representative Signature

4.9.03
Date

SCOTT SANDORA
Printed Name

Purchase Order Number:

SE30403-1297
Vironex Proposal Number

Scope of Work Completed					Consumable Materials								
Sample ID	Time	Depth	Sampling Interval and Notes	Sample Type	Well Leg	Support Equipment & Applicable Charge		Soil, Soil Vapor & Water		Well and Piezometer		General	
						Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit
	8:00		SET UP / TAILGATE			Steam Cleaner	Day(s)	MC Liner 2 / 3 ft		PVC Screen - Sch 40		Daily (glva, liq, Btc)	1
	8:10	5'		SOIL	ft	PID	Day(s)	MC Liner 0.5 ft	2	3/4-inch		Teflon Tape (4mm)	6
	8:20		CORE 3" HOLE / BUNCHES			Rape Pump	Day(s)	MC Caps (pair)	6	1-inch		Portland Cement 47lb	1
	8:30	4.5'		SOIL	ft	GS 1000	Day(s)	MC Spacer/Catcher		2-inch		Concrete (all types)	
	8:40		CLEAN UP BROUT			Trash Pump	Day(s)	MC Other		4-inch		Asphalt Patch	
	9:00		FINISH		ft	Bobcat	Day(s)	DW Liner 4 / 5 ft		PVC Riser - Sch 40		Bentonite Chips	
					ft	Support Truck	Day(s)	DW Caps (pair)		3/4-inch		Bentonite Pellets	
					ft	Support Trailer	Day(s)	DW Spacer		1-inch		Bucket 5 Gallon w/lid	
					ft	Remediation Rig	Day(s)	DW Exp Point 3.25"		2-inch		Tyvek	
					ft	Meters		DW Exp Cutting Shoe		4-inch		Vlaqueen (feet)	
					ft	Temp/Cond/PH/Turbidity	Day(s)	LB liner				PVC Cap - Slip / Threaded	OTHER
					ft	Water Level	Day(s)	LB Caps (pair)		3/4-inch			
					ft			Water Point 1.25"		1-inch			
					ft			Vapor Point		2-inch			
					ft	Per Diem	Day(s)	Tabing 3/8" (feet)		4-inch			
					ft	Weekend	Day(s)	Tabing 1/4" (feet)				PVC Locking Cap	
					ft	Additional Technician	Day(s)	Tabing Silicon (feet)		3/4-inch		Quick Seal & Foam	
					ft	OTHER		Tedlar Bag 1 ltr		1-inch		3/4-inch	
					ft			Bottom Check Valve		2-inch		1-inch	
					ft			Disposable Bailor		4-inch		1.5-inch	
					ft			Shelby Tube 3"x30"				Wood Plug 3", 4", 5"	2-inch
					ft			Cutting Tool				Centrelizer 2", 4"	PrePack Economy
					ft			OTHER				Well Box-flush 7", 8", 12"	3/4-inch
					ft							Well Box-Stand Pipe 4", 6"	1-inch
					ft							Drum 55 Gallon	1.5-inch
					ft							Sand (all sizes)	2-inch
					ft							Mesh Sock (feet)	PrePack Stainless Steel
					ft							OTHER	3/4-inch
					ft								1-inch
					ft								1.5-inch
					ft								2-inch

Variance in Scope of Work and Site Notes

Attachment 7

STL
Laboratory Analytical Data

Philip Services- Illinois

April 17, 2003

210 W. Sand Bank Road.
Colombia, IL 62236

Attn.: Scott Jander

Project#: 62400117

Project: Earthgrains / Oakland

Attached is our report for your samples received on 04/09/2003 16:51

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/24/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Diesel

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PROBE HOLE - 1	04/09/2003 08:35	Soil	1

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

A part of Severn Trent Plc

04/16/2003 16:04

Page 1 of 5

Diesel

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: PROBE HOLE - 1	Lab ID: 2003-04-0255 - 1
Sampled: 04/09/2003 08:35	Extracted: 4/10/2003 11:50
Matrix: Soil	QC Batch#: 2003/04/10-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3300	25	mg/Kg	25.00	04/15/2003 22:38	ndp
<i>Surrogates(s)</i> o-Terphenyl	NA	60-130	%	25.00	04/15/2003 22:38	sd

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Diesel

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2003/04/10-05.10-003

Soil

Test(s): 8015M
QC Batch # 2003/04/10-05.10
Date Extracted: 04/10/2003 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/11/2003 01:37	
<i>Surrogates(s)</i> o-Terphenyl	87.0	60-130	%	04/11/2003 01:37	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Diesel

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/04/10-05.10

LCS 2003/04/10-05.10-001

Extracted: 04/10/2003

Analyzed: 04/11/2003 00:16

LCSD 2003/04/10-05.10-002

Extracted: 04/10/2003

Analyzed: 04/11/2003 00:56

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec	RPD	LCS	LCSD
Diesel	39.6	37.8	41.6	95.2	90.9	4.6	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	21.6	21.0	20.0	107.9	104.9		60-130	0		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Page 4 of 5

Diesel

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Compounds (High Level)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PROBE HOLE - 1	04/09/2003 08:35	Soil	1

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

A part of Severn Trent Plc

04/16/2003 13:08

Page 1 of 4

Gas/BTEX Compounds (High Level)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Prep(s): 5030	Test(s): 8021B
Sample ID: PROBE HOLE - 1	Lab ID: 2003-04-0255 - 1
Sampled: 04/09/2003 08:35	Extracted: 4/11/2003 11:03
Matrix: Soil	QC Batch#: 2003/04/11-05.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzene	ND	0.62	mg/Kg	1.00	04/14/2003 11:03	
Toluene	ND	0.62	mg/Kg	1.00	04/14/2003 11:03	
Ethyl benzene	ND	0.62	mg/Kg	1.00	04/14/2003 11:03	
Xylene(s)	ND	0.62	mg/Kg	1.00	04/14/2003 11:03	
Surrogates(s)						
Trifluorotoluene	92.9	53-125	%	1.00	04/14/2003 11:03	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1098 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 13:08

Page 2 of 4

Gas/BTEX Compounds (High Level)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 5030	Soil	Test(s): 8021B
Method Blank		QC Batch # 2003/04/11-05.03
MB: 2003/04/11-05.03-001		Date Extracted: 04/11/2003 22:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.62	mg/Kg	04/11/2003 22:15	
Toluene	ND	0.62	mg/Kg	04/11/2003 22:15	
Ethyl benzene	ND	0.62	mg/Kg	04/11/2003 22:15	
Xylene(s)	ND	0.62	mg/Kg	04/11/2003 22:15	
Surrogates(s)					
Trifluorotoluene	95.2	53-125	%	04/11/2003 22:15	

Gas/BTEX Compounds (High Level)

Philip Services- Illinois
Attn.: Scott Jander

210 W. Sand Bank Road.
Colombia, IL 62236
Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117
Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/04/11-05.03

LCS 2003/04/11-05.03-002

Extracted: 04/11/2003

Analyzed: 04/11/2003 22:45

LCSD 2003/04/11-05.03-003

Extracted: 04/11/2003

Analyzed: 04/11/2003 23:15

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.139	0.144	0.125	111.2	115.2	3.5	77-123	35		
Toluene	0.138	0.144	0.125	110.4	115.2	4.3	78-122	35		
Ethyl benzene	0.141	0.147	0.125	112.8	117.6	4.2	70-130	35		
Xylene(s)	0.436	0.459	0.375	116.3	122.4	5.1	75-125	35		
Surrogates(s)										
Trifluorotoluene	98.3	98.9	100	98.3	98.9		53-125	0		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 13:08

Total Extractable Petroleum Hydrocarbons (TEPH)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PROBE HOLE - 2	04/09/2003 09:00	Soil	2

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Total Extractable Petroleum Hydrocarbons (TEPH)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: PROBE HOLE - 2	Lab ID: 2003-04-0255 - 2
Sampled: 04/09/2003 09:00	Extracted: 4/10/2003 11:50
Matrix: Soil	QC Batch#: 2003/04/10-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	04/15/2003 02:28	
Surrogates(s)						
o-Terphenyl	96.6	60-130	%	1.00	04/15/2003 02:28	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Total Extractable Petroleum Hydrocarbons (TEPH)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2003/04/10-05.10-003

Soil

Test(s): 8015M

QC Batch # 2003/04/10-05.10

Date Extracted: 04/10/2003 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/11/2003 01:37	
Motor Oil	ND	50	mg/Kg	04/11/2003 01:37	
Surrogates(s)					
o-Terphenyl	87.0	60-130	%	04/11/2003 01:37	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Page 3 of 4

Total Extractable Petroleum Hydrocarbons (TEPH)

Philip Services- Illinois

Attn.: Scott Jander

210 W. Sand Bank Road.

Colombia, IL 62236

Phone: (618) 281-7173 Fax: (618) 281-5120

Project: 62400117

Earthgrains / Oakland

Received: 04/09/2003 16:51

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/04/10-05.10

LCS 2003/04/10-05.10-001

Extracted: 04/10/2003

Analyzed: 04/11/2003 00:16

LCSD 2003/04/10-05.10-002

Extracted: 04/10/2003

Analyzed: 04/11/2003 00:56

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec	RPD	LCS
Diesel	39.6	37.8	41.6	95.2	90.9	4.6	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	21.6	21.0	20.0	107.9	104.9		60-130	0		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

04/16/2003 16:04

Page 4 of 4

SEVERN
TRENT

STL

2003-04-0255

STL San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

Reference # 73305

Date 4.9.03 Page 1 of 1

Report To				Analysis Request											
Attn: SCOT JANDER															
Company: PSC															
Address: 210 W. SAND BANK RD.															
Phone: COLUMBIA, IL 62236															
Bill To: PSC															
Attn: SCOT JANDER (618) 281-7173															
Sample ID															
Date															
Time															
Mat. #															
Pres. #															
Sample Description															
PRBE HOLE - 1															
4.9.03 08:35															
SOIL IRE															
PRBE HOLE - 2															
4.9.03 09:00															
SOIL IRE															

Project Info.		Sample Receipt	
Project Name: EARTHRAINS/OAKLAND		# of Containers:	
Project #: 62400117		Head Space:	
PO#: 4500311609		Temp: 4.6 04/9/03 NA 6.0C	
Credit Card#:		Conforms to record:	
T	5	72h	48h
A	Day		
T		24h	Other
Report: Routine		STANDARD TAT	
Special Instructions / Comments			

1) Relinquished by
Signature: *Scot Jander* 11:55
Printed Name: SCOT JANDER
Date: 4.9.03
Company: PSC

2) Received by
Signature: *B. Merin* 4/9/03
Printed Name: B Merin
Date: 4/9/03
Company: STL-SF

2) Relinquished by
Signature: _____
Printed Name: _____
Date: _____
Company: _____

2) Received by
Signature: _____
Printed Name: _____
Date: _____
Company: _____

3) Relinquished by
Signature: *B. Merin* 1651
Printed Name: B Merin
Date: 4/9/03
Company: STL-SF

3) Received by
Signature: *Nounak* 1651
Printed Name: Nounak
Date: 4/9/03
Company: STL-SF

TEPH EPA 8015M FOR MOTOR OIL

SAMPLE DEPTH

(4-4 1/2)

(3-3 1/2)

Number of Containers