



Solving environment-related business problems worldwide

175 Bernal Road • Suite 200
San Jose, California 95119 USA
408.224.4724 800.477.7411
Fax 408.225.8506

www.deltaenv.com

Environmental Health
OCT 06 2005
Alameda County

Letter of Transmittal

To: Alameda County Health Care Services Agency Date: 10/3/2005
Environmental Health Services - Environmental Protection
1131 Harbor Bay Parkway, Suite 250 Job No: SJ18-01S.B.2005
Alameda, CA 94502-6577
Attn: Mr. Jerry Wickham

We are sending the following items:

Date	Copies	Description
30-Sep-05	1	Soil Sampling Report
		Shell Service Station
		1801 Santa Rita Road
		Pleasanton, California

These are transmitted:

- For your Information
- For action specified below
- For review and comment
- For your use
- As requested

Remarks

Copies to: By: Debbie Arnold
Title: Project Geologist

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R02882



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Alameda County
OCT 06 2005
Environmental Health

September 30, 2005
Project SJ18-01S-B.2005

Mr. Paul Smith
Livermore-Pleasanton Fire Department
Hazardous Materials Division
3560 Nevada Street
Pleasanton, California 94566

Re: **Soil Sampling Report
Shell Service Station
1801 Santa Rita Road
Pleasanton, California**

Dear Mr. Smith,

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared this report documenting soil sampling performed in association with the removal of a hydraulic hoist from a service bay at the above-referenced site.

BACKGROUND

The following sections present a brief description of the former service station and a brief summary of previous site soil and groundwater investigations.

SITE DESCRIPTION

The site is located on the northwest corner of Santa Rita Road and Valley Avenue Drive in Pleasanton, California (Figure 1). The property is currently the site of an active Shell-branded service station. The Shell service station has three 12,000-gallon gasoline underground storage tanks (USTs) and four separate fuel dispensers (Figure 2). A building housing service bays and a convenience store is located in the northwestern portion of the property. The site is located in an area characterized as mixed commercial and residential.

PREVIOUS INVESTIGATIONS

In October 2002, four groundwater monitoring wells were installed on the site by KHM Environmental Management, Inc. (KHM) as part of the Groundwater Assessment Program (GRASP) initiated by Shell (Figure 2). Borings for the wells encountered primarily clay and clayey sand from the ground surface to a depth of approximately 25 feet. Clay and silty clay were encountered from approximately 25 to 55 feet; and well graded sand and gravels were encountered from approximately 55 feet to 97.5 feet, the maximum depth explored. Groundwater was encountered in borings at a depth of approximately 85 feet below grade (bg). The four groundwater monitoring wells are currently monitored and reported annually. Since the installation of the groundwater monitoring wells, total petroleum hydrocarbons as gasoline (TPH-G) and methyl tert butyl ether (MTBE) have not been detected. Benzene, toluene, ethyl benzene, and total xylenes (BTEX compounds) have been detected ranging from 0.64 micrograms per liter (ug/L) to 1.3 ug/L.

In November 2002, Armer-Norman & Associates, Inc. (AN) performed SB 989 fuel system upgrades at the service station. The UST complex was uncovered for upgrade activities, but did not require soil sampling. Samples were collected by KHM from beneath each of the four dispenser locations and from the base of the piping trench. Lead was detected in the soil samples collected beneath the fuel dispensers, ranging from 10.9 milligrams per kilogram (mg/kg) to 21.6 mg/kg. These levels are below the Risk Based Screening Levels (RBSLs) set by the California Regional Water Quality Control Board. Lead was detected in the soil samples collected from the piping trenches ranging from 6.73 mg/kg to 19.5 mg/kg. TPH-G, BTEX compounds, and fuel oxygenates were not detected in any soil samples from beneath the fuel dispensers or from the piping trenches.

HOIST REMOVAL, SAMPLING AND ANALYSIS

The below ground hydraulic hoist located within the station building, was removed by Able Maintenance, Inc. The soil beneath the former hoist was exposed when Delta arrived on the site on April 19, 2005. Delta collected a grab soil sample S-1@8.5' from beneath the former hoist by means of the contractor's post hole digger. The collect soil was pushed into a brass tube which was then sealed with Teflon sheeting and tight fitting plastic caps, and clearly labeled. The sample was placed on ice for the transportation to Severn Trent Laboratories (STL) for analysis.

The soil sample was analyzed for metals (cadmium, chromium, lead, nickel, and zinc) by EPA Method 6010B, Oil and Grease (Total) by EPA Method 1664A, Oil and Grease (Petroleum)* by EPA Method 1664A, and Total petroleum hydrocarbon as diesel (TPH-D) by EPA Method 8015M. The soil sample was also analyzed for TPH-G, BTEX compounds, and fuel oxygenates by 8260B. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A.

Cadmium, chromium, lead, nickel, and zinc were detected in the sample at concentrations of 0.98 mg/kg, 23 mg/kg, 17 mg/kg, 36 mg/kg, and 40 mg/kg, respectively. Total Oil and Grease was detected at a concentration of 11,000 mg/kg. Petroleum based Oil and Grease was detected at a concentration of 7,900 mg/kg. TPH-D was detected at 18,000 mg/kg, but it did not match the pattern of the laboratory Diesel

* Oil and Grease (Petroleum) is analyzed following application of a silica clean-up gel to remove non-petroleum hydrocarbons from the sample.

standard. TPH-G, BTEX compounds, or fuel oxygenates were not detected. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A.

A new hydraulic hoist was installed by Able Maintenance, Inc. in the location of the former hoist.

SOIL STOCKPILE SAMPLING AND ANALYSES

All soil excavated from beneath the hoist was placed in a stockpile located next to the service station bays (Figure 2). On April 19, 2005, Delta collected a soil sample Composite-A,B from the soil stockpile generated from the hoist removal. The stockpile soil sample consisted of two randomly collected, 6-inch brass tubes of soil. The soil samples were collected by removing the upper one-foot of soil on the surface of the stockpile and then pushing a brass tube into the underlying soil. The brass tube was then removed, sealed with Teflon sheeting and a tight fitting plastic cap, and clearly labeled. Samples were placed on ice for transportation to STL.

The sample was composited and analyzed for metals (cadmium, chromium, lead, nickel, and zinc) by EPA Method 6010B, Total Oil and Grease by EPA Method 1664A, and Volatile Organic Compounds (VOCs) by EPA Method 8260B. Chain of custody documentation and certified laboratory analytical reports are included as Attachment A. Metals were detected at concentrations ranging from 1.1 mg/kg (cadmium) to 35 mg/kg (nickel). Total Oil and Grease was detected at 420 mg/kg. The VOCs detected were tetrachloroethene (0.025 mg/kg) 1,2,4-trimethylbenzene (0.005 mg/kg), and total xylenes (0.005 mg/kg). Soils were transported off-site for disposal at Forward Landfill in Manteca, California (Attachment B).

SUMMARY

Petroleum hydrocarbons as Total Oil and Grease were detected in a soil sample at the base of a hoist at 7,900 mg/kg. An Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report dated May 5, 2005 was submitted by Shell to Livermore-Pleasanton Fire Department (Attachment C).

REMARKS

The recommendations and conclusions contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this site, please contact Debbie Arnold (Delta) at (408) 224-4724.

Sincerely,

Delta Environmental Consultants, Inc.



Debbie Arnold
Project Geologist
PG 7745



ATTACHMENTS:

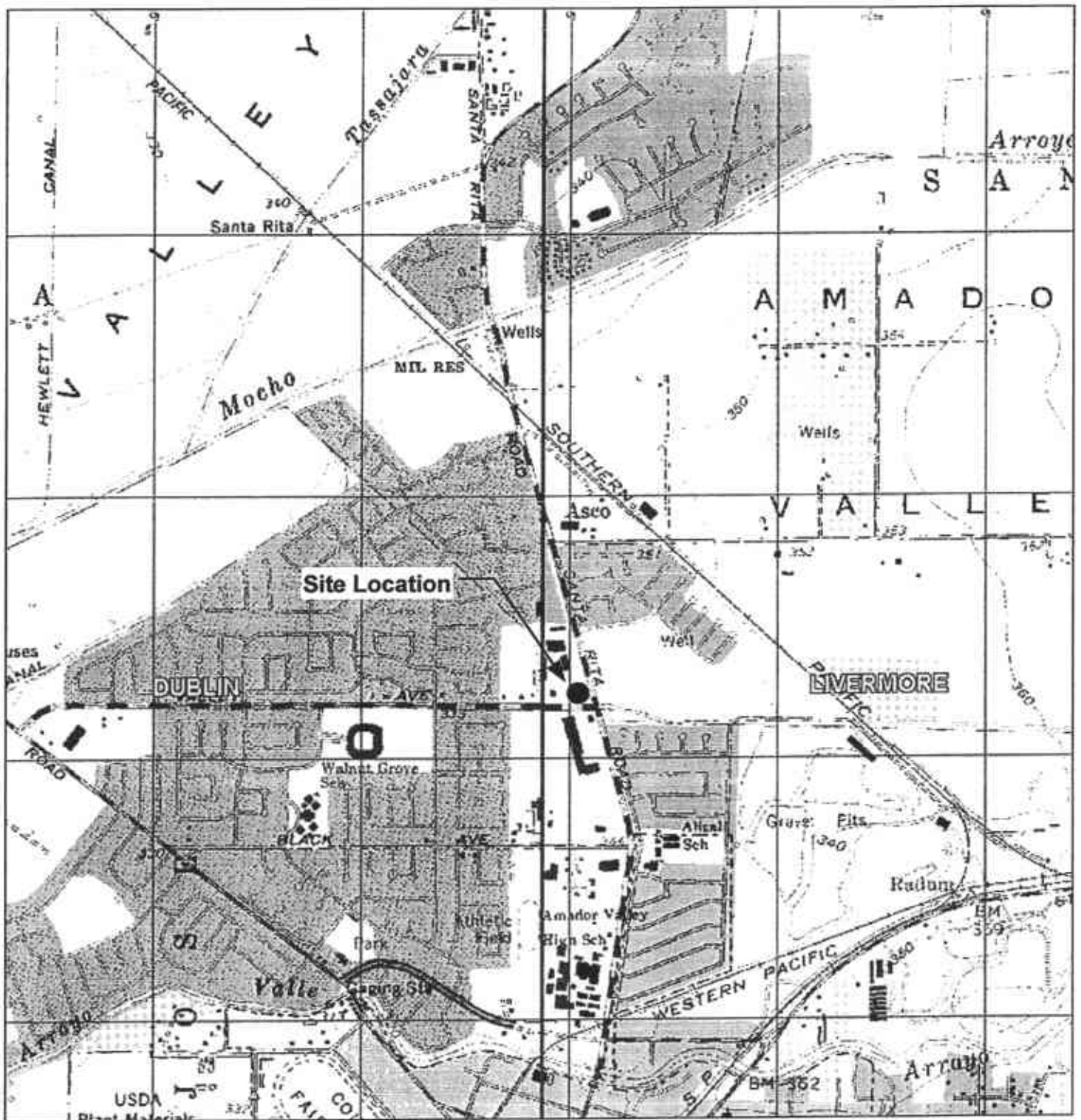
Figure 1 – Site Location Map
Figure 2 – Soil Sample Location Map

Attachment A – Laboratory Certified Analytical Results and Chain-of-Custody Documentation

Attachment B – Waste Disposal Manifests

Attachment C – Unauthorized Release Report

cc: Denis Brown, Shell Oil Products US, Carson, CA
Jerry Wickham, Alameda County Environmental Health Department, Oakland, CA



GENERAL NOTES:
 Base Map from: DeLorme Yarmouth, ME 04096
 Source Data: USGS



QUADRANGLE LOCATION

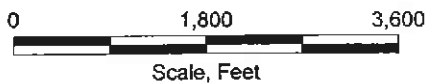
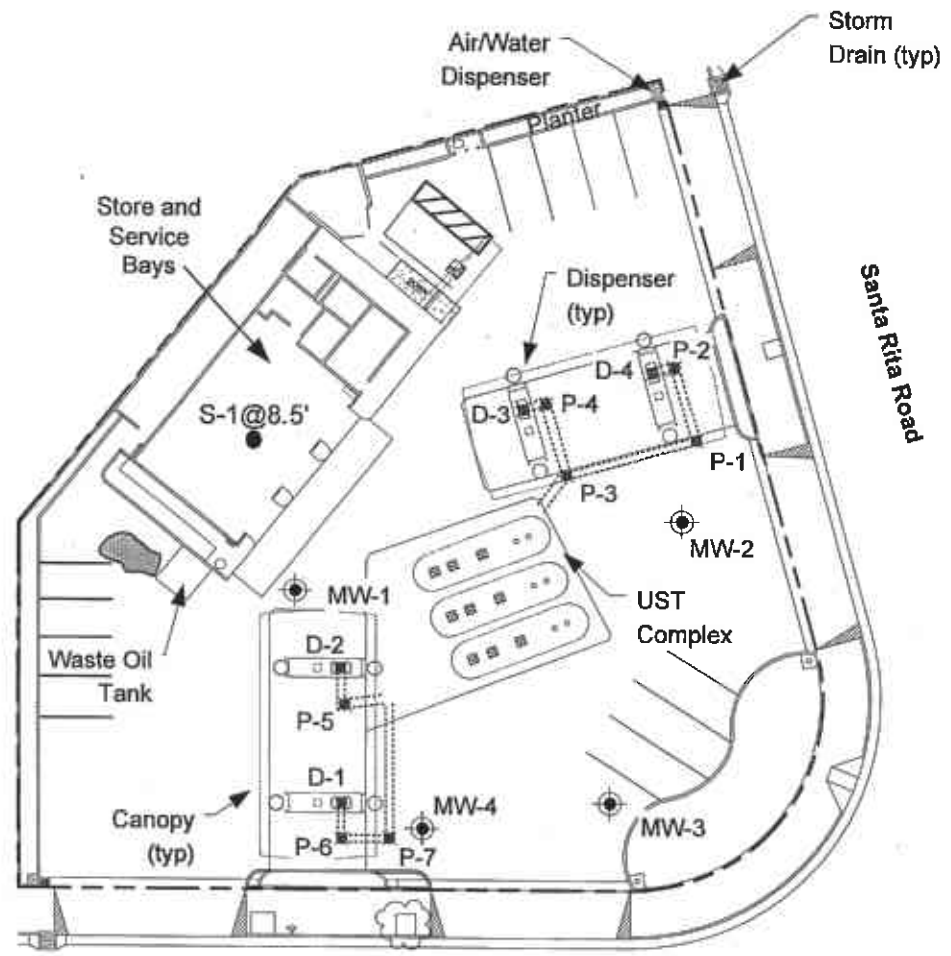


FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
 1801 Santa Rita Road
 Pleasanton, California

PROJECT NO. SJ18-01S-G.2004	DRAWN BY VF 10/23/03
FILE NO. SJ18-01S-G.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY





Nearest Water Supply
Well 1,600 feet
City of Pleasanton
Well 06

Valley Avenue

Chevron Station 30 feet
SW Corner of Valley
and Santa Rita



LEGEND

- MW-1  **GROUNDWATER MONITORING WELL**
-  **PIPING TRENCH**
-  **DISPENSER AND PIPING SOIL SAMPLE LOCATION (NOV. 2002)**
-  **HOIST SOIL SAMPLE LOCATION**
-  **STOCKPILE (Composite Sample Location)**

FIGURE 2
SOIL SAMPLE LOCATION MAP
 SHELL-BRANDED SERVICE STATION
 1801 Santa Rita Road
 Pleasanton, California

PROJECT NO. SJ18-015-G 2005	DRAWN BY JL 8/22/05
FILE NO. SJ18-015-G 2005	PREPARED BY JL
REVISION NO. 1	REVIEWED BY DA



Attachment A

**LABORATORY CERTIFIED ANALYTICAL RESULTS
AND
CHAIN-OF-CUSTODY DOCUMENTATION**

Delta Env. Consultants San Jose

May 03, 2005

175 Bernal Road
San Jose, CA 95119

Attn.: Rebecca Wolff

Project#: SJ18-01S-B

Project: Shell SAP Number 135783

Site: 1801 Santa Rita Road, Pleasanton, CA

Attached is our report for your samples received on 04/21/2005 14:12
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
06/05/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

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

Sincerely,



Melissa Brewer
Project Manager

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
COMPOSITE-A,B	04/19/2005 14:25	Soil	2

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8260B
Sample ID: COMPOSITE-A,B	Lab ID: 2005-04-0686 - 2
Sampled: 04/19/2005 14:25	Extracted: 4/24/2005 17:12
Matrix: Soil	QC Batch#: 2005/04/24-01.70

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Acetone	ND	50	ug/Kg	1.00	04/24/2005 17:12	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Bromochloromethane	ND	20	ug/Kg	1.00	04/24/2005 17:12	
Bromoform	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Bromomethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/24/2005 17:12	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Chloroethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
Chloroform	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Chloromethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/24/2005 17:12	

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

04/26/2005 15:57

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8260B
Sample ID: COMPOSITE-A,B	Lab ID: 2005-04-0686 - 2
Sampled: 04/19/2005 14:25	Extracted: 4/24/2005 17:12
Matrix: Soil	QC Batch#: 2005/04/24-01.70

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
Dibromomethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/24/2005 17:12	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
2-Hexanone	ND	50	ug/Kg	1.00	04/24/2005 17:12	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Methylene chloride	ND	10	ug/Kg	1.00	04/24/2005 17:12	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/24/2005 17:12	
Naphthalene	ND	10	ug/Kg	1.00	04/24/2005 17:12	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Styrene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Tetrachloroethene	25	5.0	ug/Kg	1.00	04/24/2005 17:12	
Toluene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	

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

04/26/2005 15:57

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8260B
Sample ID: COMPOSITE-A,B	Lab ID: 2005-04-0686 - 2
Sampled: 04/19/2005 14:25	Extracted: 4/24/2005 17:12
Matrix: Soil	QC Batch#: 2005/04/24-01.70

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,2,4-Trimethylbenzene	5.0	5.0	ug/Kg	1.00	04/24/2005 17:12	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Vinyl acetate	ND	50	ug/Kg	1.00	04/24/2005 17:12	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/24/2005 17:12	
Total xylenes	5.0	5.0	ug/Kg	1.00	04/24/2005 17:12	
Surrogate(s)						
4-Bromofluorobenzene	101.9	60-130	%	1.00	04/24/2005 17:12	
1,2-Dichloroethane-d4	103.7	60-140	%	1.00	04/24/2005 17:12	
Toluene-d8	95.6	70-130	%	1.00	04/24/2005 17:12	

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

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San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 5035			Test(s): 8260B
Method Blank		Soil	QC Batch # 2005/04/24-01.70
MB: 2005/04/24-01.70-046			Date Extracted: 04/24/2005 09:46

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	04/24/2005 09:46	
Acetone	ND	50	ug/Kg	04/24/2005 09:46	
Benzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Bromodichloromethane	ND	5.0	ug/Kg	04/24/2005 09:46	
Bromobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Bromochloromethane	ND	20	ug/Kg	04/24/2005 09:46	
Bromoform	ND	5.0	ug/Kg	04/24/2005 09:46	
Bromomethane	ND	10	ug/Kg	04/24/2005 09:46	
2-Butanone(MEK)	ND	50	ug/Kg	04/24/2005 09:46	
n-Butylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
sec-Butylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
tert-Butylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Carbon disulfide	ND	5.0	ug/Kg	04/24/2005 09:46	
Carbon tetrachloride	ND	5.0	ug/Kg	04/24/2005 09:46	
Chlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Chloroethane	ND	10	ug/Kg	04/24/2005 09:46	
Chloroform	ND	5.0	ug/Kg	04/24/2005 09:46	
Chloromethane	ND	10	ug/Kg	04/24/2005 09:46	
2-Chlorotoluene	ND	5.0	ug/Kg	04/24/2005 09:46	
4-Chlorotoluene	ND	5.0	ug/Kg	04/24/2005 09:46	
Dibromochloromethane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,3-Dichloropropane	ND	5.0	ug/Kg	04/24/2005 09:46	
2,2-Dichloropropane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,1-Dichloropropene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/24/2005 09:46	

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

04/26/2005 15:57

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose
 Attn.: Rebecca Wolff
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 Suite 200
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 Phone: (408) 224-4724 Fax: (408) 224-4518
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Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
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Method Blank	Soil		QC Batch # 2005/04/24-01.70
MB: 2005/04/24-01.70-046			Date Extracted: 04/24/2005 09:46

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	04/24/2005 09:46	
Dibromomethane	ND	10	ug/Kg	04/24/2005 09:46	
Dichlorodifluoromethane	ND	10	ug/Kg	04/24/2005 09:46	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/24/2005 09:46	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/24/2005 09:46	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/24/2005 09:46	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/24/2005 09:46	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/24/2005 09:46	
Ethylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Hexachlorobutadiene	ND	5.0	ug/Kg	04/24/2005 09:46	
2-Hexanone	ND	50	ug/Kg	04/24/2005 09:46	
Isopropylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
p-Isopropyltoluene	ND	5.0	ug/Kg	04/24/2005 09:46	
Methylene chloride	ND	10	ug/Kg	04/24/2005 09:46	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/24/2005 09:46	
Naphthalene	ND	10	ug/Kg	04/24/2005 09:46	
n-Propylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Styrene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
Tetrachloroethene	ND	5.0	ug/Kg	04/24/2005 09:46	
Toluene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 5035			Test(s): 8260B
Method Blank	Soil		QC Batch # 2005/04/24-01.70
MB: 2005/04/24-01.70-046			Date Extracted: 04/24/2005 09:46

Compound	Conc.	RL	Unit	Analyzed	Flag
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
Trichloroethene	ND	5.0	ug/Kg	04/24/2005 09:46	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/24/2005 09:46	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/24/2005 09:46	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	04/24/2005 09:46	
Vinyl acetate	ND	50	ug/Kg	04/24/2005 09:46	
Vinyl chloride	ND	5.0	ug/Kg	04/24/2005 09:46	
Total xylenes	ND	5.0	ug/Kg	04/24/2005 09:46	
Surrogates(s)					
4-Bromofluorobenzene	100.5	60-130	%	04/24/2005 09:46	
1,2-Dichloroethane-d4	101.4	60-140	%	04/24/2005 09:46	
Toluene-d8	97.5	70-130	%	04/24/2005 09:46	

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 5035		Test(s): 8260B	
Laboratory Control Spike		Soil	QC Batch # 2005/04/24-01.70
LCS	2005/04/24-01.70-013	Extracted: 04/24/2005	Analyzed: 04/24/2005 09:13
LCSD			

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	112		100.0	112.0			69-129	20		
Chlorobenzene	110		100.0	110.0			61-121	20		
1,1-Dichloroethene	99.3		100.0	99.3			65-125	20		
Toluene	111		100.0	111.0			70-130	20		
Trichloroethene	112		100.0	112.0			74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	530		500	106.0			60-130			
1,2-Dichloroethane-d4	499		500	99.8			60-140			
Toluene-d8	518		500	103.6			70-130			

Volatile Organic Compounds by 8260B (Low Level)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 5035	Test(s): 8260B		
Matrix Spike (MS / MSD)	Soil	QC Batch # 2005/04/24-01.70	
MS/MSD	Lab ID: 2005-04-0575 - 009		
MS: 2005/04/24-01.70-007	Extracted: 04/24/2005	Analyzed:	04/24/2005 11:07
		Dilution:	1.00
MSD: 2005/04/24-01.70-040	Extracted: 04/24/2005	Analyzed:	04/24/2005 11:40
		Dilution:	1.00

Compound	Conc. ug/Kg			Spk. Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/Kg	MS	MSD	RPD	Rec.	RPD	MS
Benzene	91.3	89.8	ND	89.9	101.6	99.7	1.9	69-129	20		
Chlorobenzene	98.0	95.3	ND	89.9	109.0	105.8	3.0	61-121	20		
1,1-Dichloroethene	88.7	90.1	ND	89.9	98.7	100.0	1.3	65-125	20		
Toluene	90.8	91.0	ND	89.9	101.0	101.0	0.0	70-130	20		
Trichloroethene	93.3	88.7	ND	89.9	103.8	98.4	5.3	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	487	488		500	97.4	97.6		60-130			
1,2-Dichloroethane-d4	481	490		500	96.1	98.0		60-140			
Toluene-d8	513	480		500	102.5	96.0		70-130			

Oil & Grease (Total) by EPA 1664A

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1@8.5'	04/19/2005 14:15	Soil	1
COMPOSITE-A,B	04/19/2005 14:25	Soil	2

Oil & Grease (Total) by EPA 1664A

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: S-1@8.5	Lab ID: 2005-04-0686 - 1
Sampled: 04/19/2005 14:15	Extracted: 4/25/2005 16:28
Matrix: Soil	QC Batch#: 2005/04/25-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	11000	50	mg/Kg	1.00	04/26/2005 16:20	

Oil & Grease (Total) by EPA 1664A

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: COMPOSITE-A,B	Lab ID: 2005-04-0686 - 2
Sampled: 04/19/2005 14:25	Extracted: 4/25/2005 16:28
Matrix: Soil	QC Batch#: 2005/04/25-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	420	50	mg/Kg	1.00	04/26/2005 16:20	

Oil & Grease (Total) by EPA 1664A

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report		
Prep(s): 1664A		Test(s): 1664A
Method Blank	Soil	QC Batch # 2005/04/25-01.23
MB: 2005/04/25-01.23-001		Date Extracted: 04/25/2005 16:28

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	04/26/2005 16:20	

Oil & Grease (Total) by EPA 1664A

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report										
Prep(s): 1664A						Test(s): 1664A				
Laboratory Control Spike			Soil			QC Batch # 2005/04/25-01.23				
LCS	2005/04/25-01.23-002		Extracted: 04/25/2005			Analyzed: 04/26/2005 16:20				
LCSD	2005/04/25-01.23-003		Extracted: 04/25/2005			Analyzed: 04/26/2005 16:20				
Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	774	789	800	97.0	98.6	1.6	79-114	18		

LUFT 5 Metals

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1@8.5'	04/19/2005 14:15	Soil	1
COMPOSITE-A,B	04/19/2005 14:25	Soil	2

LUFT 5 Metals

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s):	3050B	Test(s):	6010B
Sample ID:	S-1@8.5	Lab ID:	2005-04-0686 - 1
Sampled:	04/19/2005 14:15	Extracted:	4/26/2005 06:31
Matrix:	Soil	QC Batch#:	2005/04/26-01-15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	0.98	0.50	mg/Kg	1.00	04/26/2005 10:57	
Chromium	23	1.0	mg/Kg	1.00	04/26/2005 10:57	
Lead	17	1.0	mg/Kg	1.00	04/26/2005 10:57	
Nickel	36	1.0	mg/Kg	1.00	04/26/2005 10:57	
Zinc	40	1.0	mg/Kg	1.00	04/26/2005 10:57	

LUFT 5 Metals

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: COMPOSITE-A,B	Lab ID: 2005-04-0686 - 2
Sampled: 04/19/2005 14:25	Extracted: 4/26/2005 06:31
Matrix: Soil	QC Batch#: 2005/04/26-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	1.1	0.50	mg/Kg	1.00	04/26/2005 11:07	
Chromium	26	1.0	mg/Kg	1.00	04/26/2005 11:07	
Lead	4.4	1.0	mg/Kg	1.00	04/26/2005 11:07	
Nickel	35	1.0	mg/Kg	1.00	04/26/2005 11:07	
Zinc	33	1.0	mg/Kg	1.00	04/26/2005 11:07	

LUFT 5 Metals

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Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 3050B			Test(s): 6010B
Method Blank		Soil	QC Batch # 2005/04/26-01.15
MB: 2005/04/26-01.15-038			Date Extracted: 04/26/2005 06:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	04/26/2005 10:33	
Chromium	ND	1.0	mg/Kg	04/26/2005 10:33	
Lead	ND	1.0	mg/Kg	04/26/2005 10:33	
Nickel	ND	1.0	mg/Kg	04/26/2005 10:33	
Zinc	ND	1.0	mg/Kg	04/26/2005 10:33	

LUFT 5 Metals

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report										
Prep(s): 3050B						Test(s): 6010B				
Laboratory Control Spike			Soil			QC Batch # 2005/04/26-01.15				
LCS	2005/04/26-01.15-039		Extracted: 04/26/2005			Analyzed: 04/26/2005 10:36				
LCSD	2005/04/26-01.15-040		Extracted: 04/26/2005			Analyzed: 04/26/2005 10:39				
Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Cadmium	98.4	97.7	100.0	98.4	97.7	0.7	80-120	20		
Chromium	101	100	100.0	101.0	100.0	1.0	80-120	20		
Lead	98.5	97.7	100.0	98.5	97.7	0.8	80-120	20		
Nickel	100	99.6	100.0	100.0	99.6	0.4	80-120	20		
Zinc	97.8	96.8	100.0	97.8	96.8	1.0	80-120	20		

Oil & Grease (Petroleum) by EPA 1664A.

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1@8.5'	04/19/2005 14:15	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

04/29/2005 12:46

Page 1 of 6

Oil & Grease (Petroleum) by EPA 1664A

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: S-1@8.5	Lab ID: 2005-04-0686-1
Sampled: 04/19/2005 14:15	Extracted: 4/25/2005 16:31
Matrix: Soil	QC Batch#: 2005/04/25-02-23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (Petroleum)	7900	50	mg/Kg	1.00	04/27/2005 17:30	.

Oil & Grease (Petroleum) by EPA 1664A

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report					
Prep(s): 1664A		Test(s): 1664A			
Method Blank		Soil		QC Batch # 2005/04/25-02.23	
MB: 2005/04/25-02.23-001		Date Extracted: 04/25/2005 16:31			
Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (Petroleum)	ND	50	mg/Kg	04/27/2005 17:30	

Oil & Grease (Petroleum) by EPA 1664A

Delta Env. Consultants San Jose
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175 Bernal Road
Suite 200
San Jose, CA 95119
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Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 1664A		Test(s): 1664A	
Laboratory Control Spike		Soil	QC Batch # 2005/04/25-02.23
LCS	2005/04/25-02.23-002	Extracted: 04/25/2005	Analyzed: 04/27/2005 17:30
LCSD	2005/04/25-02.23-003	Extracted: 04/25/2005	Analyzed: 04/27/2005 17:30

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (Petroleum)	371	382	400	92.8	95.5	2.9	66-114	24		

Oil & Grease (Petroleum) by EPA 1664A

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175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 1664A			Test(s): 1664A
Matrix Spike (MS / MSD)	Soil	QC Batch # 2005/04/25-02.23	
S-1@8.5 >> MS		Lab ID:	2005-04-0686 - 001
MS: 2005/04/25-02.23-004	Extracted: 04/25/2005	Analyzed:	04/27/2005 17:30
MSD:		Dilution:	1.00
		Analyzed:	
		Dilution:	

Compound	Conc. mg/Kg			Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Oil & Grease (Petroleum)	8160		7920	400	60.0			66-114	24	M5	

Oil & Grease (Petroleum) by EPA 1664A

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175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Legend and Notes

Result Flag

M5

MS/MSD spike recoveries were below acceptance limits.
See blank spike (LCS).

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1@8.5'	04/19/2005 14:15	Soil	1

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-1@8.5	Lab ID: 2005-04-0686 - 1
Sampled: 04/19/2005 14:15	Extracted: 4/28/2005 22:42
Matrix: Soil	QC Batch#: 2005/04/28-3B.62
Analysis Flag: N1 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	1.00	04/28/2005 22:42	
Benzene	ND	0.0050	mg/Kg	1.00	04/28/2005 22:42	
Toluene	ND	0.0050	mg/Kg	1.00	04/28/2005 22:42	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/28/2005 22:42	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/28/2005 22:42	
Surrogate(s)						
1,2-Dichloroethane-d4	133.6	76-124	%	1.00	04/28/2005 22:42	S4
Toluene-d8	93.1	75-116	%	1.00	04/28/2005 22:42	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road

Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Soil	QC Batch # 2005/04/28-3B.62
MB: 2005/04/28-3B.62-006		Date Extracted: 04/28/2005 19:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	1.0	mg/Kg	04/28/2005 19:06	
Benzene	ND	0.0050	mg/Kg	04/28/2005 19:06	
Toluene	ND	0.0050	mg/Kg	04/28/2005 19:06	
Ethyl benzene	ND	0.0050	mg/Kg	04/28/2005 19:06	
Total xylenes	ND	0.0050	mg/Kg	04/28/2005 19:06	
Surrogates(s)					
1,2-Dichloroethane-d4	109.6	76-124	%	04/28/2005 19:06	
Toluene-d8	102.6	75-116	%	04/28/2005 19:06	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Soil		QC Batch # 2005/04/28-3B.62				
LCS	2005/04/28-3B.62-039		Extracted: 04/28/2005		Analyzed: 04/28/2005 18:39				
LCSD									

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	0.0633		0.05	126.6			69-129	20		
Toluene	0.0644		0.05	128.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	546		500	109.2			76-124			
Toluene-d8	516		500	103.2			75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Rebecca Wolff

175 Bernal Road
Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Soil	QC Batch # 2005/04/28-3B.62
MS/MSD		Lab ID:	2005-04-0612-002
MS: 2005/04/28-3B.62-031		Extracted: 04/28/2005	Analyzed: 04/28/2005 20:31
			Dilution: 1.00
MSD: 2005/04/28-3B.62-057		Extracted: 04/28/2005	Analyzed: 04/28/2005 20:57
			Dilution: 1.00

Compound	Conc. mg/Kg		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Benzene	0.0469	0.0562	ND	0.046816	100.2	120.3	18.2	69-129	20		
Toluene	0.0499	0.0573	ND	0.046816	106.6	122.6	14.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	532	514		500	106.4	102.8		76-124			
Toluene-d8	532	527		500	106.4	105.4		75-116			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

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Project: SJ18-01S-B

Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Legend and Notes

Analysis Flag

N1

Internal standard out of range.

Result Flag

S4

Surrogate recovery was higher than QC limit due to matrix interference.

Diesel (C9-C24)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1@8.5'	04/19/2005 14:15	Soil	1

Diesel (C9-C24)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: S-1@8.5	Lab ID: 2005-04-0686 - 1
Sampled: 04/19/2005 14:15	Extracted: 4/28/2005 16:48
Matrix: Soil	QC Batch#: 2005/04/28-4A-10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	18000	200	mg/Kg	200.00	04/30/2005 15:35	ndp
Surrogate(s)						
o-Terphenyl	NA	60-130	%	200.00	04/30/2005 15:35	S3

Diesel (C9-C24)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report		
Prep(s): 3550/8015M	Soil	Test(s): 8015M
Method Blank		QC Batch # 2005/04/28-4A.10
MB: 2005/04/28-4A.10-001		Date Extracted: 04/28/2005 16:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/29/2005 01:17	
Surrogates(s) o-Terphenyl	78.0	60-130	%	04/29/2005 01:17	

Diesel (C9-C24)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Batch QC Report			
Prep(s): 3550/8015M		Test(s): 8015M	
Laboratory Control Spike	Soil	QC Batch # 2005/04/28-4A.10	
LCS 2005/04/28-4A.10-002	Extracted: 04/28/2005	Analyzed: 04/29/2005 01:45	
LCSD 2005/04/28-4A.10-003	Extracted: 04/28/2005	Analyzed: 04/29/2005 02:12	

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	30.7	31.0	41.6	73.8	74.5	0.9	60-130	25		
Surrogates(s) o-Terphenyl	16.5	16.5	20.0	82.3	82.4		60-130			

Diesel (C9-C24)

Delta Env. Consultants San Jose
Attn.: Rebecca Wolff

175 Bernal Road
Suite 200
San Jose, CA 95119
Phone: (408) 224-4724 Fax: (408) 224-4518

Project: SJ18-01S-B
Shell SAP Number 135783

Received: 04/21/2005 14:12

Site: 1801 Santa Rita Road, Pleasanton, CA

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

S3

Surrogate recovery not reportable due to required dilution.

STL-San Francisco

SHELL Chain Of Custody Record

114458

1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1086 fax

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Bill Merchant

2005-04-0686

INCIDENT NUMBER (S&E ONLY)

SAP or CRMT NUMBER (TS/CRMT)

DATE: 4/19/05

PAGE: 1 of 1

DELTA ENVIRONMENTAL CONSULTANTS COMPANY Delta Environmental Consultants, Inc. ADDRESS: 175 Bernal Rd, Suite 200, San Jose CA, 95119 PROJECT CONTACT (Name/Job # or PIP #/Job #): Rebecca Wolf		LOG CODE	SITE ADDRESS (Street and City): 1801 Santa Rita Road, Pleasanton, CA	GLOBAL ID NO.
TELEPHONE: (408) 224-4724	TAX: (408) 225-8506	E-MAIL: wolf@deltaenv.com	EDF DELIVERABLE TO (Responsible Party Database): Vera Fisher	PHONE NO.: (925) 488-0417
TURNAROUND TIME (BUSINESS DAYS): <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> 15 DAYS <input type="checkbox"/> 22 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS		REQUESTED ANALYSIS		
<input type="checkbox"/> 1A - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY		LAB USE ONLY		
OCIMS MTRC CONFIRMATION: HIGHEST _____ HIGHEST P/B BORING _____ ALL _____		CONSULTANT PROJECT NO.: SJT18-01S-B		
SPECIAL INSTRUCTIONS OR NOTES: CHECK-BOX IF EDD IS NOT NEEDED <input type="checkbox"/>		SAMPLER NAME/ID (If W): Jim Bobey		

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	TPH - Extractable (Boiling)	BTEX	MTBE	PBA	Oxyaromatics (H) by (P2208)	1,2 DCA and EDB	Ethanol	Methanol	VOCs by (P2208)	Semi-Volatiles by (P2208)	Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	LUFTS <input type="checkbox"/> STLC <input type="checkbox"/> TSP	CAMP7 <input type="checkbox"/> Total <input type="checkbox"/> STLC <input type="checkbox"/> TSP	Test for Disposal	Total Oil & Grease (K64)	Total Oil & Grease (W64)	TEMPERATURE ON RECEIPT (°C)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes 2 nd	
		DATE	TIME																						
	S-1 @ 8.5'	4-19-05	14:15	Soil	1	X	X	X										X				X			
	Composite - A, B	4-19-05	14:25	Soil	2										X			X				X			

Requested by (Signature): <i>Jim Bobey</i>	Received by (Signature): <i>[Signature]</i>	Date: 4/19/05	Time: 14:12
Requested by (Signature): <i>[Signature]</i>	Received by (Signature): <i>[Signature]</i>	Date: 4/21/05	Time: 10:47
Requested by (Signature):	Received by (Signature):	Date:	Time:

DISTRIBUTION: White with Blue top, Green is File, Yellow and Pink to Cust.

10/15/00 Revision

CSO.C rev. 06 (7-01) 2003-07-02

Attachment B

WASTE DISPOSAL MANIFESTS

08/24/2005 13:07

707-746-8297

PSC

PAGE 03/03

Keller Canyon
Sanitary Landfill
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

Ox Mountain
Sanitary Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

Newby Island
Sanitary Landfill
1801 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 282-2571

Manteca
Sanitary Landfill
8895 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

Handwritten signature/initials

GENERATOR <i>Shell Oil Products US</i>		WASTE ACCEPTANCE NO.	
MAILING ADDRESS		- 5686	
CITY, STATE, ZIP		REQUIRED PERSONAL PROTECTIVE EQUIPMENT	
PHONE		<input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT	
CONTACT PERSON		<input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
SIGNATURE OF AUTHORIZED AGENT / TITLE		SPECIAL HANDLING PROCEDURES:	
DATE		RIPRA 44182	
<i>on behalf of</i>			
* <i>Shunon</i> <i>SOPUS</i>		8-11-05	
<small>GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or 261.22 of the California code of regulations, has been properly labeled, manifested and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a previously regulated hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been listed in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.</small>			
WASTE TYPE:		RECEIVING FACILITY	
<input checked="" type="checkbox"/> DISPOSAL			
<input type="checkbox"/> CONSTRUCTION			
<input type="checkbox"/> DEBRIS			
<input type="checkbox"/> SPECIAL WASTE			
<input type="checkbox"/> SLUDGE			
<input type="checkbox"/> WOOD			
<input type="checkbox"/> OTHER			
GENERATING FACILITY			
<i>1801 Santa Rita Pleasanton CA</i>			
TRANSPORTER		NOTES: VEHICLE LICENSE NUMBER	
ADDRESS		<i>7039923</i>	
CITY, STATE, ZIP		TRUCK NUMBER	
PHONE		<i>140</i>	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER		END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input type="checkbox"/>	
DATE		ROLL-OFF(S) <input checked="" type="checkbox"/> FLATBED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
<i>on behalf of</i>			
* <i>Shunon</i> <i>SOPUS</i>		8-11-05	
REMARKS		CUBIC YARDS	
FACILITY TICKET NUMBER		DISPOSAL METHOD (TO BE COMPLETED BY LANDFILL)	
SIGNATURE OF AUTHORIZED AGENT		DISPOSE <input type="checkbox"/> OTHER <input type="checkbox"/>	
DATE		<input checked="" type="checkbox"/> SOIL	
<i>8/28/05</i>		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIBBLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL. ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # - 43751

08/24/2005 13:07 707-746-8297

PSC

PAGE 02/03

411



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION
Resource Recovery: (209) 982-4936

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

COGNAC
WELL OIL PRODUCTS
7777 PLEASANTON - RIVER 19-4102
WATER ONLY SANTA RITA, PLEASANTON
P.O. BOX 4102, HOUSTON, TX 77061-4925
Contract# 20040510280

GRID	
01	318792
OPERATOR	
MORNING 3LM	
DATE	TIME IN
12 August 2005	11:12 am
DATE	TIME OUT
12 August 2005	11:57 am
VEHICLE ROLL OFF	
PSC 140	
REFERENCE ORIGIN	
PLEASANTON	

00 Gross Weight 29,860.00 LB
Tare Weight 26,640.00 LB
Net Weight 3,220.00 LB 1.91 TN

Emboured - SCALE TICKET

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
1	LN	SPRINGER II 800L				

NET AMOUNT
TENDERS
CHANGE
CHECK #

GRID

MANIFEST# 7468731

DRIVER'S SIGNATURE

Attachment C

UNAUTHORIZED RELEASE REPORT

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	
REPORT DATE 04510151015		CASE #	
NAME OF INDIVIDUAL FILING REPORT Wes Taylor		PHONE 916-261-0916 SIGNATURE <i>[Signature]</i> on behalf of Shell 5/6/05	
REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD		COMPANY OR AGENCY NAME SHELL OIL PRODUCTS US	
ADDRESS 20945 S. WILMINGTON STREET CARSON CA 90810			
RESPONSIBLE PARTY NAME SHELL OIL PRODUCTS		CONTACT PERSON Aura Sibley	
ADDRESS 20945 S. WILMINGTON STREET CARSON CA 90810		PHONE 916-240-1610	
FACILITY NAME (IF APPLICABLE) SHELL SERVICE STATION		OPERATOR PHONE ()	
ADDRESS 1801 SANTA RITA RD PLEASANTON ALAMEDA 94566		CITY COUNTY ZIP	
CROSS STREET VALLEY AVE.			
LOCAL AGENCY LIVERMORE-PLEASANTON FIRE DEPT.		CONTACT PERSON MR. PAUL SMITH	
REGIONAL BOARD SAN FRANCISCO BAY RWQCB		PHONE (925)454-2339	
SUBSTANCE INVOLVED 1) NAME		QUANTITY LOST (GALLONS)	
2) NAME		UNKNOWN	
DATE DISCOVERED 04510131015		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER HOIST REMAINS	
DATE DISCHARGE BEGAN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)	
HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE		<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 checked="" type="checkbox"/> OTHER REPLACED HOIST	
SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL	
		<input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER	
CASE TYPE <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)			
CURRENT STATUS <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION			
<input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS			
<input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY			
REMEDIAL ACTION <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 (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)			
<input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT SOURCE (TS) <input type="checkbox"/> VENT SOIL (VS)			
OTHER (OT)			
COMMENTS SOIL SAMPLE TAKEN FROM BOTTOM OF HOLE DURING HOIST REPLACEMENT OIL AND GREASE DETECTED AT 7,900 mg/Kg at 8.5 feet below grade. DIESEL DETECTED AT 18,000 mg/Kg @ 8.5 feet below grade.			