



**Alameda County**

JAN 16 2004

**TRANSMITTAL**

**TO:** **Environmental Health**  
Scott Seery

**DATE:** January 13, 2004

**COMPANY:** Alameda County Environmental Health Department  
1131 Harbor Bay Pkwy  
Alameda, CA 94502

**PROJECT #:** 275-1655

**FROM:** Jim Martin, 510-450-6126

**PHONE:**  
**FAX:**

**ENCLOSED PLEASE FIND:** Hexcel Tank Closure Report

**VIA:**

- Fax
- 1<sup>st</sup> Class Mail
- Overnight Delivery
- UPS (Surface)
- Courier

**FAX:**

# of pages: \_\_\_\_\_  
(including this cover)

Hard Copy to follow

**AS:**

- Per our phone call
- You requested
- Is required
- We believe you may be interested

**FOR:**

- Your information
- Return to you
- Your action
- Your review & comments

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**COMMENTS:**

Here is the report you requested. Please call with any questions.

*Please call (510) 450-6000 if there are any problems with transmission.*

**FAX CONFIDENTIALITY NOTICE**

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**Weiss Associates**

*Environmental Science, Engineering and Management*

5801 Christie Avenue, Suite 600, Emeryville, CA 94608-1827

FAX: 510-547-5043 Phone: 510-450-6000

## TRANSMITTAL

**TO:** John Rigter **DATE:** October 29, 2003

**COMPANY:** Livermore - Pleasanton Fire Department **PROJECT #:** 275-1655-1-1  
 3560 Nevada Street  
 Pleasanton, CA 94566

**FROM:** Jim Martin, 510-450-6126 **PHONE:** 925-454-2337  
**FAX:** 925-454-2367


**ENCLOSED PLEASE FIND:** Tank System Closure Report

<b>VIA:</b>	<b>FAX:</b>	<b>AS:</b>	<b>FOR:</b>
<input type="checkbox"/> Fax	# of pages: _____	<input type="checkbox"/> Per our phone call	<input type="checkbox"/> Your information
<input checked="" type="checkbox"/> 1 <sup>st</sup> Class Mail	(including this cover)	<input type="checkbox"/> You requested	<input type="checkbox"/> Return to you
<input type="checkbox"/> Overnight Delivery	<input type="checkbox"/> Hard Copy to follow	<input checked="" type="checkbox"/> Is required	<input checked="" type="checkbox"/> Your action
<input type="checkbox"/> UPS (Surface)		<input type="checkbox"/> We believe you may be interested	<input type="checkbox"/> Your review & comments
<input type="checkbox"/> Courier			

**COMMENTS:**

John,

Enclosed find the required Tank System Closure Report for the Hexcel tank removal you witnessed. Please call with any questions. Thanks for your assistance on this project.



Jim Martin

*Please call (510) 450-6000 if there are any problems with transmission.*

**FAX CONFIDENTIALITY NOTICE**

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October 28, 2003

John Rigter  
Livermore - Pleasanton Fire Department  
3560 Nevada Street  
Pleasanton, CA 94566

RE: Tank System Closure Report

Dear Mr. John Rigter:

Weiss Associates (Weiss) was contracted by Hexcel to remove an underground storage tank (UST) discovered at their facility at 75 North Mines Road in Livermore, California (Figure 1). This report summarizes the excavation and sampling activities associated with the removal and disposal of the UST, its contents, its associated piping and the contaminated soil generated from the excavation.

#### **BACKGROUND INFORMATION**

Hexcel discovered puddled oil and oily soil while removing ivy from the NW side of Hexcel Building 77. This soil was located around what appeared to be a pair of supply and return pipes for an underground storage tank (UST). The pipes were steel and capped a few inches above grade. One of the pipes was broken and was the source of the oil in the soil. Hexcel had no knowledge of this UST prior to discovery of the pipes, oil and oily soil. On August 7, 2003 Hexcel collected a sample of the puddled oil and submitted it to be analyzed for semivolatile fuels by DHS LUFT and for polychlorinated biphenyls by EPA Method 8082. The results (sample name: Bldg 77) are summarized in Table 1, and the complete results are included as Attachment A.

Weiss was contracted to manage the removal of the UST, including permitting, sampling and reporting. Foss Environmental (Foss) was contracted by Weiss to remove and dispose of the tank, its contents and piping and to dispose of any excavated soil.

Weiss submitted an Application for Construction Permit, an Underground Tank Closure Plan, and an Underground Storage Tank Facility Form to the City of Livermore Building Division. A building permit was issued on August 26, 2003 (Attachment B).

#### **REMOVAL ACTIVITIES**

On August 28, 2003, excavation began to remove the pipes and to uncover the tank. The pipes were removed and wrapped in plastic. All excavated soil was placed on plastic sheeting and covered while awaiting disposal. At about 4 feet (ft) below ground surface (bgs) a riveted, steel tank was uncovered. The tank was approximately 10 ft long and 5 ft in diameter (Figure 2).

Evergreen Environmental Services, under contract with Foss, removed approximately 1,000 gallons (gal) of oil from the UST and transported it to its Newark, California facility as non-RCRA, hazardous used oil under Uniform Hazardous Waste Manifest number 22600597 (Attachment C). About 400 gal of oil and water were also removed from the UST and transported to Evergreen's Newark, California facility as non-RCRA, hazardous waste liquid under Uniform Hazardous Waste Manifest number 22674141 (Attachment C). Approximately 100 gal of sludge were vacuumed from the UST before the interior was pressure washed. The sludge and rinsate were drummed (6 drums total) and transported as a non-RCRA hazardous waste liquid to DK Environmental under a Uniform Hazardous Waste Manifest number 22543922 (Attachment C).

On August 29, 2003 the UST excavation was completed by Foss. John Rigter of the Pleasanton/Livermore Fire Department was on site to monitor the UST removal and to complete the Underground Tank Closure Checklist (Attachment D). Foss added 50 pounds of dry ice to the UST and monitored the lower explosive limit (LEL) and oxygen levels until authorization by Mr. John Rigter was given to lift the UST from the excavation. A 1-inch diameter hole was discovered on the bottom of the NW end of the UST (Figure 3). No staining was observed in the excavation under the hole location. Under the direction of Mr Rigter, the UST was painted with its identification number of 30941. Because it was too late on that Friday afternoon for the tank to be transported to the designated disposal site, Mr Rigter directed Foss to place the UST back in the excavation until the following week.

Weiss collected soil samples from under the pipe run near the building (HEX SS4 0803) and under both ends of the UST (HEX SS2 0803 and HEX SS3 0803) as indicated on Figure 2. Two, 4-point composite samples of the soil stockpiles were also collected (HEX SS1 0803 and HEX SS5 0803). The samples were submitted under chain of custody to STL San Francisco (STL), a state certified laboratory, and were analyzed for total petroleum hydrocarbons as gasoline, and diesel (TPH-G, TPH-D), benzene, toluene, ethylbenzene and xylenes (BTEX), oil & grease (O&G) and volatile organic compounds (VOCs). The stockpile samples were also analyzed for LUFT 5 metals. The results are summarized in Table 1, and the complete results are included as Attachment A.

On September 2, 2003, Foss returned to the site to complete the UST removal. Foss added 50 pounds of dry ice to the UST and monitored the LEL and oxygen levels until readings of 0% LEL and oxygen levels of less than 5 % were observed. The UST was then removed from the excavation and transported to Ecology Control Industries for disposal as a non-RCRA hazardous waste solid under Uniform Hazardous Waste Manifest number 22543923 (Attachment C). The excavation was secured with fencing while waiting for the analytic results of the soil samples.

An Underground Storage Tank Unauthorized /Contamination Site Report was submitted to John Rigter of the Livermore-Pleasanton Fire Department on September 3, 2003 (Attachment E).

On September 30, 2003 Foss returned to the site to overexcavate contaminated soil near the original spill, transport the stockpiled soil offsite for disposal and backfill and compact the excavation. Overexcavation of contaminated soil near the building was halted at a depth of about 3.5 ft bgs to prevent damage to the building's foundation. Soil on the bottom of the overexcavation and on the sidewall under the foundation had odors and staining indicating contamination with the oil from the pipes (Figure 4). There were indications that the oil may have spread using the extensive tree roots in the area as a preferential pathway.

Weiss collected a soil sample (HEX SS6 0903) at the bottom of the overexcavation, nearest the building foundation, at a depth of about 4 ft bgs using a drive sampler (Figure 2). The sample was

submitted to STL and was analyzed for TPH-D, TPH-G, TPH-BunkerC, BTEX, O&G, and VOCs. The results are summarized in Table 1, and the complete results are included as Attachment A.

The excavation was backfilled with clean, imported soil and compacted in 12 inch lifts to grade. All soil excavated during the tank removal was transported to Forward Landfill (Allied Waste) as non-hazardous waste solid under a Uniform Hazardous Waste Manifest (Attachment C).

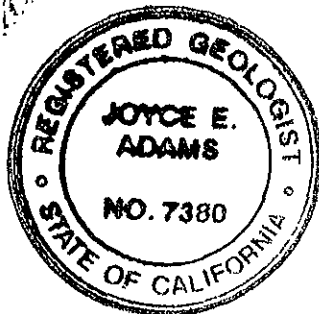
## ANALYTIC RESULTS

The analytic results of the soil samples collected beneath the UST showed no contamination (Attachment A). The sample collected under the pipes near Building 77 at a depth of 2 ft bgs had detections of various hydrocarbons appropriate to the oil that was in the UST and pipes. This sample also had a detection of trichloroethene (320 micrograms per kilograms) which would not normally be found in heating oil. The soil sample collected under the piped near Building 77 at a depth of 4 ft bgs had detections of only O&G and TPH-D. The results are summarized in Table 1, and the complete results are included as Attachment A

## CLOSING

Should you have any questions regarding this report, please feel free to contact me at (510) 450-6162, or in my absence, Jim Martin at 510-450-6126:

Sincerely,  
Weiss Associates



Joyce Adams, RG  
Project Geologist

Enclosures: Figure 1. - Site Location Map  
Figure 2. -- Soil Sample Locations  
Figure 3. - UST Photo  
Figure 4. - Soil Staining Photo  
Table 1. - Summary of Detections  
Attachment A - Analytic Results  
Attachment B - Permits  
Attachment C - Waste Manifests  
Attachment D - Underground Tank Closure Checklist  
Attachment E - Underground Storage Tank Unauthorized /Contamination Site Report

**FIGURE 1**

**SITE LOCATION MAP**

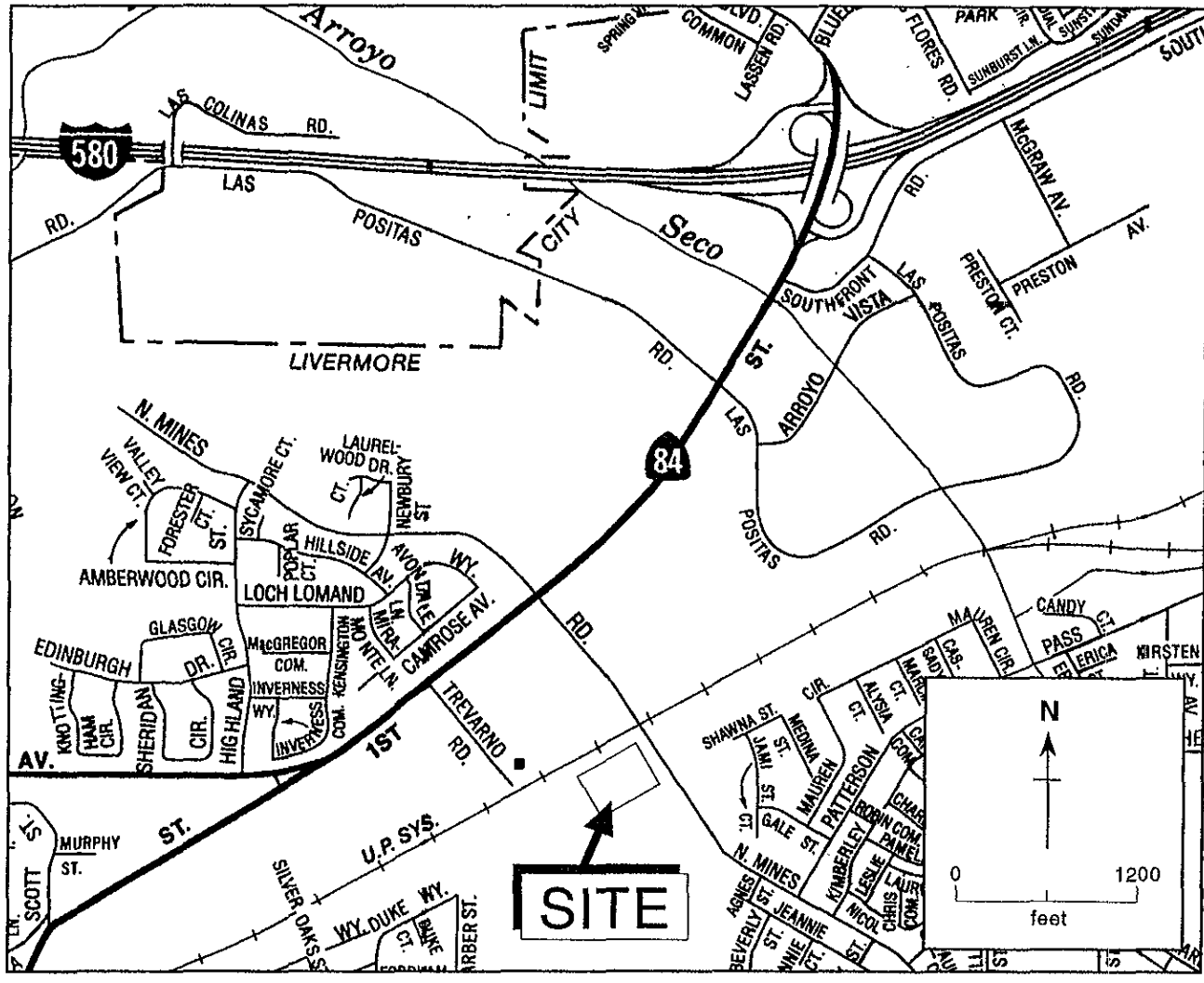
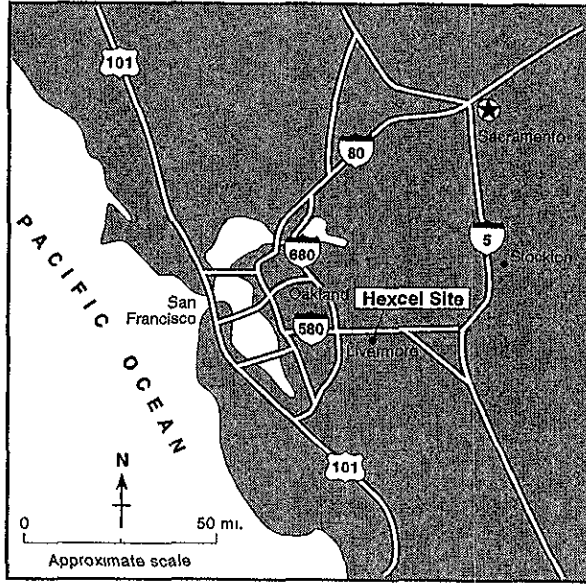
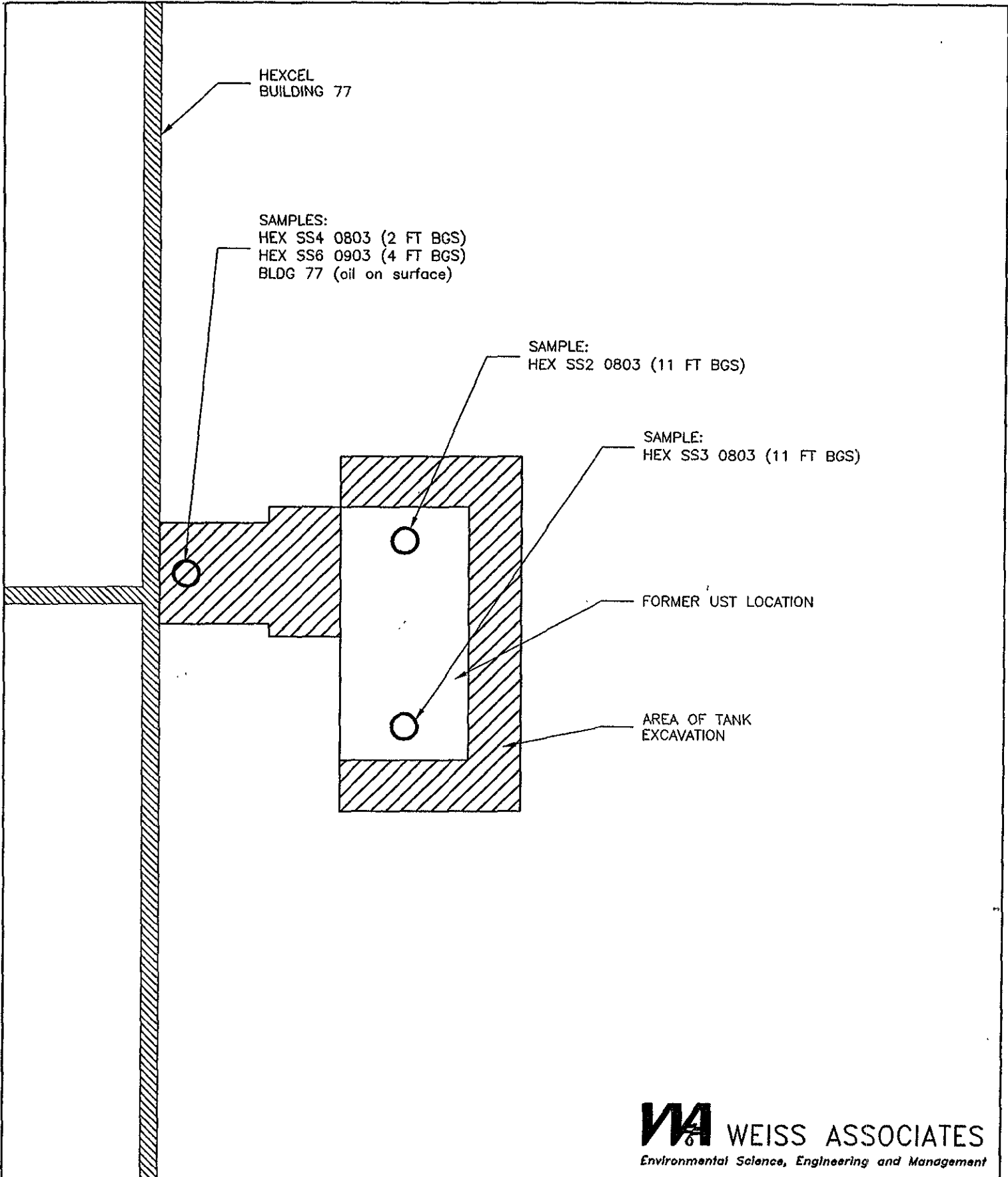


Figure 1. Site Location Map, Hexcel Corporation, 75 North Mines Road, Livermore, California

**FIGURE 2**

**SOIL SAMPLE LOCATIONS**





**WA** WEISS ASSOCIATES  
*Environmental Science, Engineering and Management*

DESIGNED: JAM	SCALE: 1" = 5'
DRAWN: JAM	PROJECT. NO. 275-1855
CHECKED: JEA	DATE: 10/20/03
DRAWING FILE: HEXCEL SITE PLAN V14.DWG	

DRAWING TITLE  
**SOIL SAMPLE LOCATIONS  
 PLAN VIEW**

PROJECT TITLE  
**HEXCEL  
 UST REMOVAL  
 LIVERMORE, CALIFORNIA**

Figure  
**2**  
 SHEET 1 OF 1

**FIGURE 3**

UST PHOTO



Figure 3 - Hole in UST Bottom

**FIGURE 4**

SOIL STAINING PHOTO

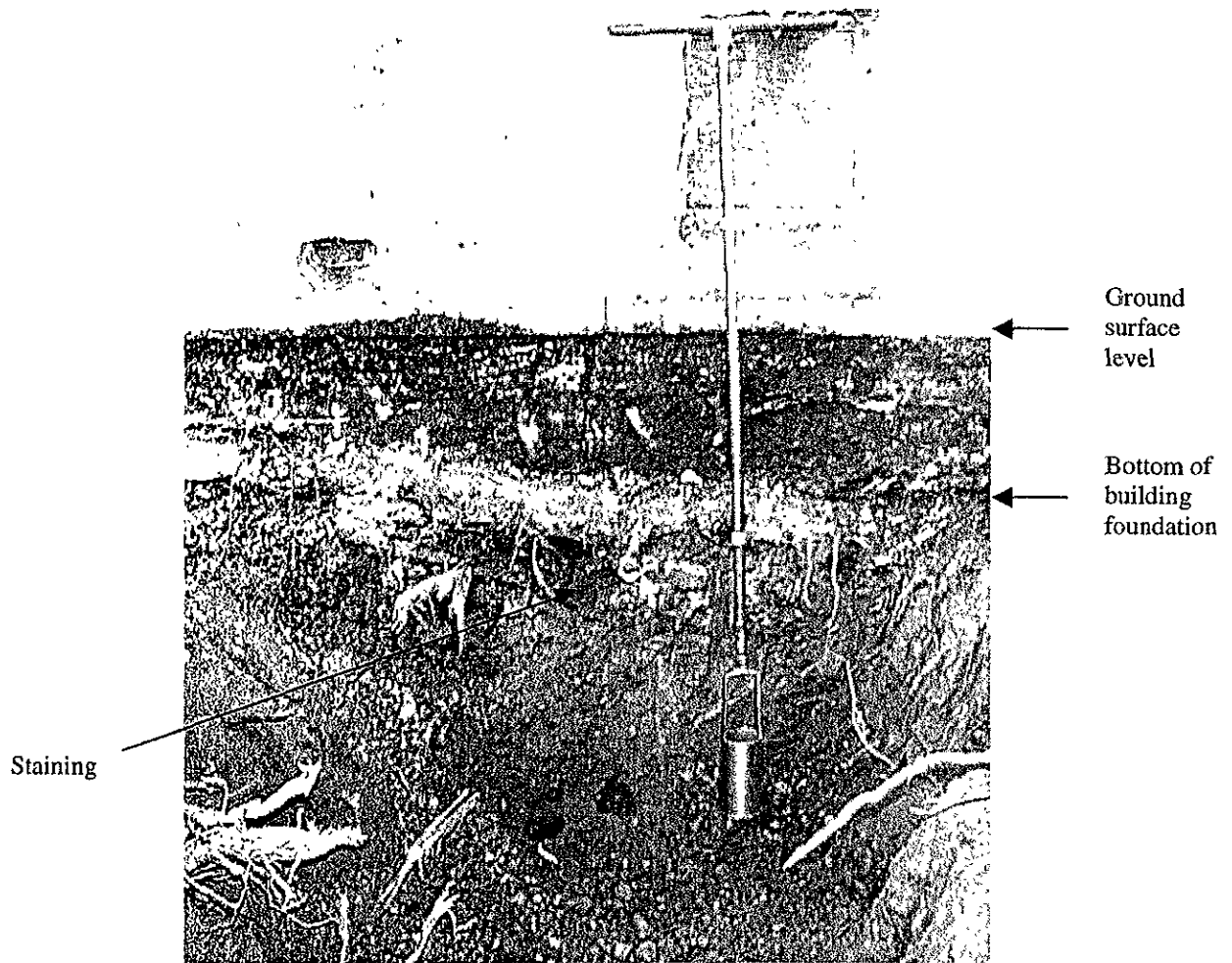


Figure 4 - Excavation Staining

**TABLE 1**

**SUMMARY OF ANALYTIC RESULTS**

Table 1. Summary of Analytic Results, Hexcel UST Removal, 75 North Mines Road, Livermore, CA

Sample ID	Sample Location	Sample Date	Analytic Methods	Chemical Analyzed	Concentration Detected	Units	Flags
Hex SS1 0803	Stockpile, southeast side. 4 point composite sample.	8/29/2003	1664	Oil & Grease (total)	510	mg/kg	
Hex SS1 0803		8/29/2003	6010B	Chromium	42	mg/kg	
Hex SS1 0803		8/29/2003	6010B	Lead	13	mg/kg	
Hex SS1 0803		8/29/2003	6010B	Nickel	96	mg/kg	
Hex SS1 0803		8/29/2003	6010B	Zinc	52	mg/kg	
Hex SS1 0803		8/29/2003	8015M	Diesel	160	mg/kg	ndp
Hex SS1 0803		8/29/2003	8260B, 8021B	VOCs, BTEX, TPH-G	NDI		
Hex SS2 0803	Under hole in tank, northwest side of tank excavation.	8/29/2003	1664, 8015M, 8021B, 8260B	O&G, TPH-G, TPH-D, BTEX, VOCs	NDI		
Hex SS3 0803	Under tank, southeast side of tank excavation.	8/29/2003	1664, 8015M, 8021B, 8260B	O&G, TPH-G, TPH-D, BTEX, VOCs	NDI		
Hex SS4 0803	Under pipes, near building @ 2 ft depth	8/29/2003	1664	Oil & Grease (total)	63,000	mg/kg	
Hex SS4 0803		8/29/2003	8015M	Diesel	42,000	mg/kg	ndp
Hex SS4 0803		8/29/2003	8015M	Gasoline	140	mg/kg	g
Hex SS4 0803		8/29/2003	8021B	Xylene(s)	2.2	mg/kg	
Hex SS4 0803		8/29/2003	8260B	1,2,4-Trimethylbenzene	6,000	ug/kg	
Hex SS4 0803		8/29/2003	8260B	1,3,5-Trimethylbenzene	1,800	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Ethylbenzene	640	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Isopropylbenzene	330	ug/kg	
Hex SS4 0803		8/29/2003	8260B	n-Propylbenzene	670	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Naphthalene	18,000	ug/kg	
Hex SS4 0803		8/29/2003	8260B	p-Isopropyltoluene	890	ug/kg	
Hex SS4 0803		8/29/2003	8260B	sec-Butylbenzene	390	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Toluene	890	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Total xylenes	4,700	ug/kg	
Hex SS4 0803		8/29/2003	8260B	Trichloroethene	320	ug/kg	
Hex SS5 0803	Stockpile, northwest side. 4 point composite sample.	8/29/2003	1664	Oil & Grease (total)	12,000	mg/kg	
Hex SS5 0803		8/29/2003	6010B	Chromium	36	mg/kg	
Hex SS5 0803		8/29/2003	6010B	Lead	16	mg/kg	
Hex SS5 0803		8/29/2003	6010B	Nickel	63	mg/kg	
Hex SS5 0803		8/29/2003	6010B	Zinc	78	mg/kg	
Hex SS5 0803		8/29/2003	8015M	Diesel	3,300	mg/kg	ndp
Hex SS5 0803		8/29/2003	8015M	Gasoline	1	mg/kg	g
Hex SS5 0803		8/29/2003	8021B	Xylene(s)	0.0053	mg/kg	
Hex SS5 0803		8/29/2003	8260B	1,2,4-Trimethylbenzene	7.2	ug/Kg	
Hex SS5 0803		8/29/2003	8260B	Naphthalene	46	ug/Kg	
Hex SS5 0803		8/29/2003	8260B	Total xylenes	5.3	ug/Kg	
Hex SS6 0903	Under pipes, near building @ 4 ft depth	9/30/2003	1664	Oil & Grease (total)	5,500	mg/kg	
Hex SS6 0903		9/30/2003	8015M	Diesel	2,200	mg/kg	ndp
Hex SS6 0903		9/30/2003	8260B, 8021B	VOCs, BTEX, TPH-G	NDI		
Bldg 77	Oil from pipes at surface	8/7/2003	DHS LUFT	Diesel Range Organics (C10-C28)	210,000	mg/kg	HC-12
Bldg 77		8/7/2003	DHS LUFT	Kerosene (C10-C16)	90,000	mg/kg	
Bldg 77		8/7/2003	DHS LUFT	Motor Oil (C16-C36)	310,000	mg/kg	
Bldg 77		8/7/2003	DHS LUFT	Unidentified Extractable Hydrocarbons	340,000	mg/kg	A-01
Bldg 77		8/7/2003	8082	PCBs	NDI		

Abbreviations: mg/kg - Milligram per kilogram  
 ug/kg - Microgram per kilogram  
 ND - Not detected above reporting limit  
 PCBs - Polychlorinated Biphenyls  
 VOCs - Volatile organic compounds  
 BTEX - Benzene, toluene, ethyl benzene, xylene  
 TPH - Total petroleum hydrocarbons as gasoline (G), and diesel (D)  
 O&G - Oil and grease

Flags: ndp - Hydrocarbon reported does not match the pattern of our Diesel standard  
 g - Hydrocarbon reported in the gasoline range does not match our gasoline standard.  
 HC-12 - Hydrocarbon pattern is present in the requested fuel quantitaion range but does not resemble the pattern of the requested fuel.  
 A-01 - Sample appears to be a mix of three ranges of hydrocarbons

**ATTACHMENT A**  
**ANALYTIC RESULTS**



**Weiss Associates**

September 08, 2003

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827

Attn.: Jim Martin

Project#: 275-1655-1-1

Project: Hexcel

Attached is our report for your samples received on 08/29/2003 17:35  
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  
10/13/2003 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: [asalimpour@stl-inc.com](mailto:asalimpour@stl-inc.com)

Sincerely,



Afsaneh Salimpour  
Project Manager

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1656-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS1 0803	08/29/2003 15:35	Soil	1
Hex SS2 0803	08/29/2003 15:03	Soil	2
Hex SS3 0803	08/29/2003 15:23	Soil	3
Hex SS4 0803	08/29/2003 16:26	Soil	4
Hex SS5 0803	08/29/2003 16:05	Soil	5

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

09/08/2003 16:11

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94808-1827  
Phone: (510) 460-6128 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 1664	Test(s): 1664
Sample ID: Hex SS1 0803	Lab ID: 2003-09-0016 - 1
Sampled: 08/29/2003 15:35	Extracted: 9/6/2003 00:00
Matrix: Soil	QC Batch#: 2003/09/06-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	510	50	mg/Kg	1.00	09/08/2003	

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94808-1827  
Phone: (510) 450-6128 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	1664	Test(s):	1664
Sample ID:	Hex SS2 0803	Lab ID:	2003-09-0016 - 2
Sampled:	08/29/2003 15:03	Extracted:	9/6/2003 00:00
Matrix:	Soil	QC Batch#:	2003/09/06-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	09/08/2003	

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

8801 Christie Avenue, Suite 600  
Emeryville, CA 94808-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 1664	Test(s): 1664
Sample ID: Hex SS3 0803	Lab ID: 2003-09-0016 - 3
Sampled: 08/29/2003 15:23	Extracted: 9/6/2003 00:00
Matrix: Soil	QC Batch#: 2003/09/06-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	09/08/2003	

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	1664	Test(s):	1664
Sample ID:	Hex SS4 0803	Lab ID:	2003-09-0016 - 4
Sampled:	08/29/2003 16:26	Extracted:	9/6/2003 00:00
Matrix:	Soil	QC Batch#:	2003/09/06-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	63000	50	mg/Kg	1.00	09/08/2003	

**Oil & Grease (Total) by EPA 1664**

Welas Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	1664	Test(s):	1664
Sample ID:	Hex SS5 0803	Lab ID:	2003-09-0016 - 5
Sampled:	08/29/2003 16:05	Extracted:	9/6/2003 00:00
Matrix:	Soil	QC Batch#:	2003/09/06-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	12000	50	mg/Kg	1.00	09/08/2003	

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 1664

Method Blank

MB: 2003/09/06-01.23-001

Soil

Test(s): 1664

QC Batch # 2003/09/06-01.23

Date Extracted: 09/08/2003

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	09/08/2003	



**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 1664

Test(s): 1664

Laboratory Control Spike

Soil

QC Batch # 2003/09/06-01.23

LCS 2003/09/06-01.23-002

Extracted: 09/06/2003

Analyzed: 09/08/2003

LCSD 2003/09/06-01.23-003

Extracted: 09/06/2003

Analyzed: 09/08/2003

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	797	790	800	99.6	98.8	0.8	79-114	20		

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043Project: 275-1685-1-1  
Hexoal

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS1 0803	08/29/2003 15:35	Soil	1
Hex SS2 0803	08/29/2003 15:03	Soil	2
Hex SS3 0803	08/29/2003 15:23	Soil	3
Hex SS5 0803	08/29/2003 16:05	Soil	5

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94586

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

09/04/2003 16:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

 5801 Christie Avenue, Suite 600  
 Emeryville, CA 94608-1827  
 Phone: (510) 450-6126 Fax: (510) 547-5043

 Project: 275-1658-1-1  
 Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex S91 0803	Lab ID:	2003-09-0016 - 1
Sampled:	08/29/2003 15:35	Extracted:	9/3/2003 17:39
Matrix:	Soil	QC Batch#:	2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Acetone	ND	50	ug/Kg	1.00	09/03/2003 17:39	
Benzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Bromobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Bromochloromethane	ND	20	ug/Kg	1.00	09/03/2003 17:39	
Bromoform	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Bromomethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	09/03/2003 17:39	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Carbon disulfide	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Chlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Chloroethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	09/03/2003 17:39	
Chloroform	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Chloromethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	09/03/2003 17:39	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 460-8126 Fax: (510) 547-5043

Project: 275-1655-1-1

Hexoel

Received: 08/29/2003 17:35

Prep(s):	6035	Test(s):	8260B
Sample ID:	Hex SS1 0803	Lab ID:	2003-09-0016 - 1
Sampled:	08/29/2003 15:35	Extracted:	9/3/2003 17:39
Matrix:	Soil	QC Batch#:	2003/09/03-01:06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	09/03/2003 17:39	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Ethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
2-Hexanone	ND	50	ug/Kg	1.00	09/03/2003 17:39	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Methylene chloride	ND	10	ug/Kg	1.00	09/03/2003 17:39	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	09/03/2003 17:39	
Naphthalene	ND	10	ug/Kg	1.00	09/03/2003 17:39	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Styrene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Toluene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Trichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 460-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS1 0803 Lab ID: 2003-09-0016 - 1  
Sampled: 08/29/2003 15:35 Extracted: 9/3/2003 17:39  
Matrix: Soil QC Batch#: 2003/09/03-01:06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Vinyl acetate	ND	50	ug/Kg	1.00	09/03/2003 17:39	
Vinyl chloride	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
Total xylenes	ND	5.0	ug/Kg	1.00	09/03/2003 17:39	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	108.7	74-121	%	1.00	09/03/2003 17:39	
1,2-Dichloroethane-d4	109.0	70-121	%	1.00	09/03/2003 17:39	
Toluene-d8	91.7	81-117	%	1.00	09/03/2003 17:39	

**Volatile Organic Compounds by 8260B (Low Level)**

Wells Associates

Attn: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS2 0803 Lab ID: 2003-09-0016 - 2  
Sampled: 08/29/2003 15:03 Extracted: 9/3/2003 18:16  
Matrix: Soil QC Batch#: 2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Acetone	ND	50	ug/Kg	1.00	09/03/2003 18:16	
Benzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Bromobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Bromochloromethane	ND	20	ug/Kg	1.00	09/03/2003 18:16	
Bromoform	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Bromomethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	09/03/2003 18:16	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Carbon disulfide	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Chlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Chloroethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	09/03/2003 18:16	
Chloroform	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Chloromethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	09/03/2003 18:16	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS2 0803 Lab ID: 2003-09-0016 - 2  
Sampled: 08/29/2003 15:03 Extracted: 9/3/2003 18:16  
Matrix: Soil QC Batch#: 2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	09/03/2003 18:16	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Ethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
2-Hexanone	ND	50	ug/Kg	1.00	09/03/2003 18:16	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Methylene chloride	ND	10	ug/Kg	1.00	09/03/2003 18:16	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	09/03/2003 18:16	
Naphthalene	ND	10	ug/Kg	1.00	09/03/2003 18:16	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Styrene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Toluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Trichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	

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

08/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS2 0803	Lab ID:	2003-09-0016 - 2
Sampled:	08/29/2003 15:03	Extracted:	9/3/2003 18:16
Matrix:	Soil	QC Batch#:	2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Vinyl acetate	ND	50	ug/Kg	1.00	09/03/2003 18:16	
Vinyl chloride	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
Total xylenes	ND	5.0	ug/Kg	1.00	09/03/2003 18:16	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	103.7	74-121	%	1.00	09/03/2003 18:16	
1,2-Dichloroethane-d4	107.5	70-121	%	1.00	09/03/2003 18:16	
Toluene-d8	92.6	81-117	%	1.00	09/03/2003 18:16	

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

09/04/2003 15:31



**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

 5801 Christie Avenue, Suite 600  
 Emeryville, CA 94608-1827  
 Phone: (510) 450-6126 Fax: (510) 547-5043

 Project: 275-1655-1-1  
 Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS3 0803	Lab ID:	2003-09-0016 - 3
Sampled:	08/29/2003 15:23	Extracted:	9/3/2003 18:52
Matrix:	Soil	QC Batch#:	2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Acetone	ND	50	ug/Kg	1.00	09/03/2003 18:52	
Benzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Bromobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Bromochloromethane	ND	20	ug/Kg	1.00	09/03/2003 18:52	
Bromoform	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Bromomethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	09/03/2003 18:52	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Carbon disulfide	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Chlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Chloroethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	09/03/2003 18:52	
Chloroform	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Chloromethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	09/03/2003 18:52	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	

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

09/04/2003 16:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 460-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:36

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS3 0803	Lab ID:	2003-09-0016 - 3
Sampled:	08/29/2003 15:23	Extracted:	9/3/2003 18:52
Matrix:	Soil	QC Batch#:	2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	09/03/2003 18:52	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Ethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
2-Hexanone	ND	50	ug/Kg	1.00	09/03/2003 18:52	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Methylene chloride	ND	10	ug/Kg	1.00	09/03/2003 18:52	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	09/03/2003 18:52	
Naphthalene	ND	10	ug/Kg	1.00	09/03/2003 18:52	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Styrene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Toluene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Trichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 480-6128 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS3 0803 Lab ID: 2003-09-0016 - 3  
Sampled: 08/29/2003 15:23 Extracted: 9/3/2003 18:52  
Matrix: Soil QC Batch#: 2003/09/03-01.08

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Vinyl acetate	ND	50	ug/Kg	1.00	09/03/2003 18:52	
Vinyl chloride	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
Total xylenes	ND	5.0	ug/Kg	1.00	09/03/2003 18:52	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	102.8	74-121	%	1.00	09/03/2003 18:52	
1,2-Dichloroethane-d4	112.0	70-121	%	1.00	09/03/2003 18:52	
Toluene-d8	94.1	81-117	%	1.00	09/03/2003 18:52	

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09/04/2003 15:31

**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS4 0803 Lab ID: 2003-09-0016 - 4  
Sampled: 08/29/2003 16:26 Extracted: 9/3/2003 21:54  
Matrix: Soil QC Batch#: 2003/09/03-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	2500	ug/Kg	1.00	09/03/2003 21:54	
Acetone	ND	25000	ug/Kg	1.00	09/03/2003 21:54	
Benzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Bromodichloromethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Bromoform	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Bromomethane	ND	500	ug/Kg	1.00	09/03/2003 21:54	
Carbon tetrachloride	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Chlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Chloroethane	ND	500	ug/Kg	1.00	09/03/2003 21:54	
2-Butanone(MEK)	ND	25000	ug/Kg	1.00	09/03/2003 21:54	
2-Chloroethylvinyl ether	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Chloroform	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Chloromethane	ND	500	ug/Kg	1.00	09/03/2003 21:54	
Dibromochloromethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2-Dichlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,3-Dichlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,4-Dichlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,3-Dichloropropane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
2,2-Dichloropropane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,1-Dichloropropene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	1.00	09/03/2003 21:54	
1,2-Dibromoethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Dibromomethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Dichlorodifluoromethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,1-Dichloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2-Dichloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,1-Dichloroethene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
cis-1,2-Dichloroethene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
trans-1,2-Dichloroethene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2-Dichloropropane	ND	250	ug/Kg	1.00	09/03/2003 21:54	

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

09/04/2003 15:33

**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

 5801 Christie Avenue, Suite 600  
 Emeryville, CA 94608-1827  
 Phone: (510) 450-6126 Fax: (510) 547-5043

 Project: 275-1655-1-1  
 Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS4 0803	Lab ID:	2003-09-0016 - 4
Sampled:	08/29/2003 16:26	Extracted:	9/3/2003 21:54
Matrix:	Soll	QC Batch#:	2003/09/03-02.80

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
trans-1,3-Dichloropropene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Ethylbenzene	640	250	ug/Kg	1.00	09/03/2003 21:54	
Hexachlorobutadiene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
2-Hexanone	ND	25000	ug/Kg	1.00	09/03/2003 21:54	
Methylene chloride	ND	2500	ug/Kg	1.00	09/03/2003 21:54	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	1.00	09/03/2003 21:54	
Naphthalene	18000	250	ug/Kg	1.00	09/03/2003 21:54	
Styrene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Tetrachloroethene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Toluene	890	250	ug/Kg	1.00	09/03/2003 21:54	
1,1,1-Trichloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,1,2-Trichloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Trichloroethene	320	250	ug/Kg	1.00	09/03/2003 21:54	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Vinyl acetate	ND	2500	ug/Kg	1.00	09/03/2003 21:54	
Vinyl chloride	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Total xylenes	4700	500	ug/Kg	1.00	09/03/2003 21:54	
Trichlorotrifluoroethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Carbon disulfide	ND	500	ug/Kg	1.00	09/03/2003 21:54	
Isopropylbenzene	330	250	ug/Kg	1.00	09/03/2003 21:54	
Bromobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Bromochloromethane	ND	250	ug/Kg	1.00	09/03/2003 21:54	
Trichlorofluoromethane	ND	1000	ug/Kg	1.00	09/03/2003 21:54	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
1,2,4-Trimethylbenzene	6000	250	ug/Kg	1.00	09/03/2003 21:54	
1,3,5-Trimethylbenzene	1800	250	ug/Kg	1.00	09/03/2003 21:54	
2-Chlorotoluene	ND	250	ug/Kg	1.00	09/03/2003 21:54	

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

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## Volatile Organic Compounds by 8260B (High Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS4 0803	Lab ID:	2003-09-0016 - 4
Sampled:	08/29/2003 16:26	Extracted:	9/3/2003 21:54
Matrix:	Soil	QC Batch#:	2003/09/03-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
4-Chlorotoluene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
n-Butylbenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
n-Propylbenzene	670	250	ug/Kg	1.00	09/03/2003 21:54	
p-Isopropyltoluene	890	250	ug/Kg	1.00	09/03/2003 21:54	
sec-Butylbenzene	390	250	ug/Kg	1.00	09/03/2003 21:54	
tert-Butylbenzene	ND	250	ug/Kg	1.00	09/03/2003 21:54	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	93.9	74-121	%	1.00	09/03/2003 21:54	
1,2-Dichloroethane-d4	98.9	70-121	%	1.00	09/03/2003 21:54	
Toluene-d8	91.8	81-117	%	1.00	09/03/2003 21:54	

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

09/04/2003 15:33

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94809-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1658-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex SS5 0803 Lab ID: 2003-09-0016 - 5  
Sampled: 08/29/2003 16:05 Extracted: 9/3/2003 19:29  
Matrix: Soil QC Batch#: 2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Acetone	ND	50	ug/Kg	1.00	09/03/2003 19:29	
Benzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Bromobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Bromochloromethane	ND	20	ug/Kg	1.00	09/03/2003 19:29	
Bromoform	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Bromomethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	09/03/2003 19:29	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Carbon disulfide	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Chlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Chloroethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	09/03/2003 19:29	
Chloroform	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Chloromethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	09/03/2003 19:29	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

 5801 Christie Avenue, Suite 600  
 Emeryville, CA 94608-1827  
 Phone: (510) 450-6126 Fax: (510) 547-5043

 Project: 275-1655-1-1  
 Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8260B
Sample ID:	Hex SS5 0803	Lab ID:	2003-09-0016 - 5
Sampled:	08/29/2003 16:05	Extracted:	9/3/2003 19:29
Matrix:	Soil	QC Batch#:	2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	09/03/2003 19:29	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Ethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
2-Hexanone	ND	50	ug/Kg	1.00	09/03/2003 19:29	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Methylene chloride	ND	10	ug/Kg	1.00	09/03/2003 19:29	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	09/03/2003 19:29	
Naphthalene	46	10	ug/Kg	1.00	09/03/2003 19:29	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Styrene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Toluene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Trichloroethene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	

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

09/04/2003 15:31



**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035 Test(s): 8260B  
Sample ID: Hex 555 0803 Lab ID: 2003-09-0016 - 5  
Sampled: 08/29/2003 16:05 Extracted: 9/3/2003 19:29  
Matrix: Soil QC Batch#: 2003/09/03-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,2,4-Trimethylbenzene	7.2	5.0	ug/Kg	1.00	09/03/2003 19:29	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Vinyl acetate	ND	50	ug/Kg	1.00	09/03/2003 19:29	
Vinyl chloride	ND	5.0	ug/Kg	1.00	09/03/2003 19:29	
Total xylenes	5.3	5.0	ug/Kg	1.00	09/03/2003 19:29	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	108.9	74-121	%	1.00	09/03/2003 19:29	
1,2-Dichloroethane-d4	116.9	70-121	%	1.00	09/03/2003 19:29	
Toluene-d8	89.7	81-117	%	1.00	09/03/2003 19:29	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

8801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035  
Method Blank  
MB: 2003/09/03-01.06-004

Soil

Test(s): 8260B  
QC Batch # 2003/09/03-01.06  
Date Extracted: 09/03/2003 12:59

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	09/03/2003 12:59	
Acetone	ND	50	ug/Kg	09/03/2003 12:59	
Benzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Bromodichloromethane	ND	5.0	ug/Kg	09/03/2003 12:59	
Bromobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Bromochloromethane	ND	20	ug/Kg	09/03/2003 12:59	
Bromoform	ND	5.0	ug/Kg	09/03/2003 12:59	
Bromomethane	ND	10	ug/Kg	09/03/2003 12:59	
2-Butanone(MEK)	ND	50	ug/Kg	09/03/2003 12:59	
n-Butylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
sec-Butylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
tert-Butylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Carbon disulfide	ND	5.0	ug/Kg	09/03/2003 12:59	
Carbon tetrachloride	ND	5.0	ug/Kg	09/03/2003 12:59	
Chlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Chloroethane	ND	10	ug/Kg	09/03/2003 12:59	
2-Chloroethylvinyl ether	ND	50	ug/Kg	09/03/2003 12:59	
Chloroform	ND	5.0	ug/Kg	09/03/2003 12:59	
Chloromethane	ND	10	ug/Kg	09/03/2003 12:59	
2-Chlorotoluene	ND	5.0	ug/Kg	09/03/2003 12:59	
4-Chlorotoluene	ND	5.0	ug/Kg	09/03/2003 12:59	
Dibromochloromethane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,3-Dichloropropane	ND	5.0	ug/Kg	09/03/2003 12:59	
2,2-Dichloropropane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1-Dichloropropene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	09/03/2003 12:59	
1,2-Dibromoethane	ND	10	ug/Kg	09/03/2003 12:59	

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035  
Method Blank  
MB: 2003/09/03-01.06-004

Soil

Test(s): 8260B  
QC Batch # 2003/09/03-01.06  
Date Extracted: 09/03/2003 12:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	09/03/2003 12:59	
Dichlorodifluoromethane	ND	10	ug/Kg	09/03/2003 12:59	
1,1-Dichloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2-Dichloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1-Dichloroethene	ND	5.0	ug/Kg	09/03/2003 12:59	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/03/2003 12:59	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2-Dichloropropane	ND	5.0	ug/Kg	09/03/2003 12:59	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/03/2003 12:59	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/03/2003 12:59	
Ethylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Hexachlorobutadiene	ND	5.0	ug/Kg	09/03/2003 12:59	
2-Hexanone	ND	50	ug/Kg	09/03/2003 12:59	
Isopropylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
p-Isopropyltoluene	ND	5.0	ug/Kg	09/03/2003 12:59	
Methylene chloride	ND	10	ug/Kg	09/03/2003 12:59	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	09/03/2003 12:59	
Naphthalene	ND	10	ug/Kg	09/03/2003 12:59	
n-Propylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Styrene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
Tetrachloroethene	ND	5.0	ug/Kg	09/03/2003 12:59	
Toluene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/03/2003 12:59	
Trichloroethene	ND	5.0	ug/Kg	09/03/2003 12:59	
Trichlorofluoromethane	ND	5.0	ug/Kg	09/03/2003 12:59	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/03/2003 12:59	

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

09/04/2003 18:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/09/03-01.06-004

Soil

Test(s): 8260B

QC Batch # 2003/09/03-01.06

Date Extracted: 09/03/2003 12:59

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/03/2003 12:59	
Vinyl acetate	ND	50	ug/Kg	09/03/2003 12:59	
Vinyl chloride	ND	5.0	ug/Kg	09/03/2003 12:59	
Total xylenes	ND	5.0	ug/Kg	09/03/2003 12:59	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	102.3	74-121	%	09/03/2003 12:59	
1,2-Dichloroethane-d4	101.5	70-121	%	09/03/2003 12:59	
Toluene-d8	92.5	81-117	%	09/03/2003 12:59	

Severn Trent Laboratories, Inc.

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/09/03-01.06

LCS 2003/09/03-01.06-002

Extracted: 09/03/2003

Analyzed: 09/03/2003 12:02

LCSD 2003/09/03-01.06-003

Extracted: 09/03/2003

Analyzed: 09/03/2003 12:31

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	92.8	96.9	100.0	92.8	96.9	4.3	69-129	20		
Chlorobenzene	94.0	98.3	100.0	94.0	98.3	4.5	61-121	20		
1,1-Dichloroethene	82.5	82.9	100.0	82.5	82.9	0.5	65-125	20		
Toluene	93.1	95.7	100.0	93.1	95.7	2.8	70-130	20		
Trichloroethene	87.2	90.6	100.0	87.2	90.6	3.8	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	517	512	500	103.4	102.4		74-121			
1,2-Dichloroethane-d4	456	468	500	91.2	93.6		70-121			
Toluene-d8	462	460	500	92.4	92.0		81-117			

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

09/04/2003 15:31

**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS4 0803	08/29/2003 16:26	Soil	4

## Volatile Organic Compounds by 8260B (High Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

## Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/09/03-02:60-047

Soil

Test(s): 8260B

QC Batch # 2003/09/03-02.60

Date Extracted: 09/03/2003 14:47

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	2500	ug/Kg	09/03/2003 14:47	
Acetone	ND	25000	ug/Kg	09/03/2003 14:47	
Benzene	ND	250	ug/Kg	09/03/2003 14:47	
Bromodichloromethane	ND	250	ug/Kg	09/03/2003 14:47	
Bromoform	ND	250	ug/Kg	09/03/2003 14:47	
Bromomethane	ND	500	ug/Kg	09/03/2003 14:47	
Carbon tetrachloride	ND	250	ug/Kg	09/03/2003 14:47	
Chlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
Chloroethane	ND	500	ug/Kg	09/03/2003 14:47	
2-Butanone(MEK)	ND	25000	ug/Kg	09/03/2003 14:47	
2-Chloroethylvinyl ether	ND	250	ug/Kg	09/03/2003 14:47	
Chloroform	ND	250	ug/Kg	09/03/2003 14:47	
Chloromethane	ND	500	ug/Kg	09/03/2003 14:47	
Dibromochloromethane	ND	250	ug/Kg	09/03/2003 14:47	
1,2-Dichlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,3-Dichlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,4-Dichlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,3-Dichloropropane	ND	250	ug/Kg	09/03/2003 14:47	
2,2-Dichloropropane	ND	250	ug/Kg	09/03/2003 14:47	
1,1-Dichloropropane	ND	250	ug/Kg	09/03/2003 14:47	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	09/03/2003 14:47	
1,2-Dibromoethane	ND	250	ug/Kg	09/03/2003 14:47	
Dibromomethane	ND	250	ug/Kg	09/03/2003 14:47	
Dichlorodifluoromethane	ND	250	ug/Kg	09/03/2003 14:47	
1,1-Dichloroethane	ND	250	ug/Kg	09/03/2003 14:47	
1,2-Dichloroethane	ND	250	ug/Kg	09/03/2003 14:47	
1,1-Dichloroethene	ND	250	ug/Kg	09/03/2003 14:47	
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/03/2003 14:47	
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/03/2003 14:47	
1,2-Dichloropropane	ND	250	ug/Kg	09/03/2003 14:47	

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

09/04/2003 15:33

**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/09/03-02.60-047

Soil

Test(s): 8260B

QC Batch # 2003/09/03-02.60

Date Extracted: 09/03/2003 14:47

Compound	Conc.	RL	Unit	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/03/2003 14:47	
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/03/2003 14:47	
Ethylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
Hexachlorobutadiene	ND	250	ug/Kg	09/03/2003 14:47	
2-Hexanone	ND	25000	ug/Kg	09/03/2003 14:47	
Methylene chloride	ND	2500	ug/Kg	09/03/2003 14:47	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	09/03/2003 14:47	
Naphthalene	ND	250	ug/Kg	09/03/2003 14:47	
Styrene	ND	250	ug/Kg	09/03/2003 14:47	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/03/2003 14:47	
Tetrachloroethene	ND	250	ug/Kg	09/03/2003 14:47	
Toluene	ND	250	ug/Kg	09/03/2003 14:47	
1,1,1-Trichloroethane	ND	250	ug/Kg	09/03/2003 14:47	
1,1,2-Trichloroethane	ND	250	ug/Kg	09/03/2003 14:47	
Trichloroethene	ND	250	ug/Kg	09/03/2003 14:47	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/03/2003 14:47	
Vinyl acetate	ND	2500	ug/Kg	09/03/2003 14:47	
Vinyl chloride	ND	250	ug/Kg	09/03/2003 14:47	
Total xylenes	ND	500	ug/Kg	09/03/2003 14:47	
Trichlorotrifluoroethane	ND	250	ug/Kg	09/03/2003 14:47	
Carbon disulfide	ND	500	ug/Kg	09/03/2003 14:47	
Isopropylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
Bromobenzene	ND	250	ug/Kg	09/03/2003 14:47	
Bromochloromethane	ND	250	ug/Kg	09/03/2003 14:47	
Trichlorofluoromethane	ND	1000	ug/Kg	09/03/2003 14:47	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
2-Chlorotoluene	ND	250	ug/Kg	09/03/2003 14:47	
4-Chlorotoluene	ND	250	ug/Kg	09/03/2003 14:47	

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

09/04/2003 15:33



**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/09/03-02.60-047

Soil

Test(s): 8260B

QC Batch # 2003/09/03-02.60

Date Extracted: 09/03/2003 14:47

Compound	Conc.	RL	Unit	Analyzed	Flag
n-Butylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
n-Propylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
p-Isopropyltoluene	ND	250	ug/Kg	09/03/2003 14:47	
sec-Butylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
tert-Butylbenzene	ND	250	ug/Kg	09/03/2003 14:47	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	88.6	74-121	%	09/03/2003 14:47	
1,2-Dichloroethane-d4	95.8	70-121	%	09/03/2003 14:47	
Toluene-d8	84.9	81-117	%	09/03/2003 14:47	

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

09/04/2003 15:33

**Volatile Organic Compounds by 8260B (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/09/03-02.60

LCS 2003/09/03-02.60-040

Extracted: 09/03/2003

Analyzed: 09/03/2003 13:40

LCSD 2003/09/03-02.60-014

Extracted: 09/03/2003

Analyzed: 09/03/2003 14:14

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	9730	9740	10000	97.3	97.4	0.1	69-129	20		
Chlorobenzene	10400	10400	10000	104.0	104.0	0.0	61-121	20		
1,1-Dichloroethene	9980	8950	10000	99.8	89.5	10.9	65-125	20		
Toluene	9700	9710	10000	97.0	97.1	0.1	70-130	20		
Trichloroethene	8420	8060	10000	84.2	80.6	4.4	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	233	227	250	93.2	90.8		74-121			
1,2-Dichloroethane-d4	246	260	250	98.4	104.0		70-121			
Toluene-d8	233	242	250	93.2	96.8		81-117			

**Diesel**

Weiss Associates  
Attn.: Jlm Martin

8801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS1 0803	08/29/2003 15:35	Soil	1
Hex SS2 0803	08/29/2003 15:03	Soil	2
Hex SS3 0803	08/29/2003 15:23	Soil	3
Hex SS4 0803	08/29/2003 16:26	Soil	4
Hex SS5 0803	08/29/2003 16:05	Soil	5

**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3550/8015M Test(s): 8015M  
Sample ID: Hex SS1 0803 Lab ID: 2003-09-0016 - 1  
Sampled: 08/29/2003 15:35 Extracted: 9/4/2003 13:05  
Matrix: Soil QC Batch#: 2003/09/04-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	160	1.0	mg/Kg	1.00	09/06/2003 02:14	ndp
<b>Surrogate(s)</b> o-Terphenyl	108.7	60-130	%	1.00	09/06/2003 02:14	

**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3550/8015M Test(s): 8015M  
Sample ID: Hex SS2 0803 Lab ID: 2003-09-0016 - 2  
Sampled: 08/29/2003 15:03 Extracted: 9/4/2003 13:05  
Matrix: Soil QC Batch#: 2003/09/04-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/06/2003 02:55	
<i>Surrogate(s)</i> o-Terphenyl	81.6	60-130	%	1.00	09/06/2003 02:55	

**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 276-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Hex SS3 0803	Lab ID: 2003-09-0016 - 3
Sampled: 08/29/2003 15:23	Extracted: 9/4/2003 13:05
Matrix: Soil	QC Batch#: 2003/09/04-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/06/2003 03:35	
<i>Surrogate(s)</i> o-Terphenyl	81.4	60-130	%	1.00	09/06/2003 03:35	

**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6128 Fax: (510) 547-5043

Project: 275-1865-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3550/8015M Test(s): 8015M  
Sample ID: Hex SS4 0803 Lab ID: 2003-09-0016 - 4  
Sampled: 08/29/2003 16:26 Extracted: 9/4/2003 13:05  
Matrix: Soil QC Batch#: 2003/09/04-03:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	42000	50	mg/Kg	50.00	09/06/2003 04:16	ndp
<b>Surrogate(s)</b> o-Terphenyl	NA	60-130	%	50.00	09/06/2003 04:16	sd

**Diesel**

Welss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Hex SS5 0803	Lab ID: 2003-09-0016 - 5
Sampled: 08/29/2003 16:05	Extracted: 9/4/2003 13:05
Matrix: Soil	QC Batch#: 2003/09/04-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3300	50	mg/Kg	50.00	09/06/2003 04:56	ndp
<b>Surrogate(s)</b> o-Terphenyl	NA	60-130	%	50.00	09/06/2003 04:56	sd



**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 3550/8015M

Method Blank

MB: 2003/09/04-03.10-001

Soil

Test(s): 8015M

QC Batch # 2003/09/04-03.10

Date Extracted: 09/04/2003 13:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	09/05/2003 12:26	
<b>Surrogates(s)</b> o-Terphenyl	84.6	60-130	%	09/05/2003 12:26	

**Diesel**

Weiss Associates  
Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/09/04-03.10

LCS 2003/09/04-03.10-002

Extracted: 09/04/2003

Analyzed: 09/05/2003 11:25

LCSD 2003/09/04-03.10-003

Extracted: 09/04/2003

Analyzed: 09/05/2003 11:56

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	37.8	36.6	41.4	91.3	88.4	3.2	60-130	25		
Surrogates(s) o-Terphenyl	19.6	18.5	20.0	98.2	92.7		60-130	0		

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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

09/08/2003 14:34

**Diesel**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

---

**Legend and Notes**

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**Result Flag**

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 460-8128 Fax: (510) 547-5043Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS1 0803	08/29/2003 15:35	Soil	1
Hex SS2 0803	08/29/2003 15:03	Soil	2
Hex SS3 0803	08/29/2003 15:23	Soil	3
Hex SS5 0803	08/29/2003 16:05	Soil	5

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

09/08/2003 15:52

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5035	Test(s): 8015M
5035	8021B
Sample ID: Hex SS1 0803	Lab ID: 2003-09-0016 - 1
Sampled: 08/29/2003 15:35	Extracted: 9/2/2003 21:41
Matrix: Soil	QC Batch#: 2003/09/02-01.04

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/02/2003 21:41	
Benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 21:41	
Toluene	ND	0.0050	mg/Kg	1.00	09/02/2003 21:41	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 21:41	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/02/2003 21:41	
<i>Surrogate(s)</i>						
Trifluorotoluene	87.5	53-125	%	1.00	09/02/2003 21:41	
4-Bromofluorobenzene-FID	84.3	58-124	%	1.00	09/02/2003 21:41	

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	Hex SS2 0803	Lab ID:	2003-09-0016 - 2
Sampled:	08/29/2003 15:03	Extracted:	9/2/2003 22:08
Matrix:	Soil	QC Batch#:	2003/09/02-01.04

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/02/2003 22:08	
Benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:08	
Toluene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:08	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:08	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/02/2003 22:08	
<b>Surrogate(s)</b>						
Trifluorotoluene	91.0	53-125	%	1.00	09/02/2003 22:08	
4-Bromofluorobenzene-FID	90.6	58-124	%	1.00	09/02/2003 22:08	

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	Hex SS3 0803	Lab ID:	2003-09-0016 - 3
Sampled:	08/29/2003 15:23	Extracted:	9/2/2003 22:35
Matrix:	Soil	QC Batch#:	2003/09/02-01.04

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/02/2003 22:35	
Benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:35	
Toluene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:35	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/02/2003 22:35	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/02/2003 22:35	
<b>Surrogate(s)</b>						
Trifluorotoluene	100.6	53-125	%	1.00	09/02/2003 22:35	
4-Bromofluorobenzene-FID	91.3	58-124	%	1.00	09/02/2003 22:35	

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-8126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	Hex SS5 0803	Lab ID:	2003-09-0016 - 5
Sampled:	08/29/2003 16:05	Extracted:	9/3/2003 13:40
Matrix:	Soil	QC Batch#:	2003/09/03-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1.0	1.0	mg/Kg	1.00	09/03/2003 13:40	g
Benzene	ND	0.0050	mg/Kg	1.00	09/03/2003 13:40	
Toluene	ND	0.0050	mg/Kg	1.00	09/03/2003 13:40	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/03/2003 13:40	
Xylene(s)	0.0053	0.0050	mg/Kg	1.00	09/03/2003 13:40	
<b>Surrogate(s)</b>						
Trifluorotoluene	83.4	53-125	%	1.00	09/03/2003 13:40	
4-Bromofluorobenzene-FID	105.5	58-124	%	1.00	09/03/2003 13:40	

Severn Trent Laboratories, Inc.

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

Tel 925 484 1819 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

09/08/2003 15:52



**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 460-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030

Method Blank

MB: 2003/09/02-01.04-006

Soil

Test(s): 8015M

QC Batch #: 2003/09/02-01.04

Date Extracted: 09/02/2003 10:54

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/02/2003 10:54	
Benzene	ND	0.0050	mg/Kg	09/02/2003 10:54	
Toluene	ND	0.0050	mg/Kg	09/02/2003 10:54	
Ethyl benzene	ND	0.0050	mg/Kg	09/02/2003 10:54	
Xylene(s)	ND	0.0050	mg/Kg	09/02/2003 10:54	
<b>Surrogates(s)</b>					
Trifluorotoluene	94.1	53-125	%	09/02/2003 10:54	
4-Bromofluorobenzene-FID	94.4	58-124	%	09/02/2003 10:54	

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94808-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035  
Method Blank  
MB: 2003/09/03-01.01-003

Soil

Test(s): 8015M  
QC Batch # 2003/09/03-01.01  
Date Extracted: 09/03/2003 07:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/03/2003 07:45	
Benzene	ND	0.0050	mg/Kg	09/03/2003 07:45	
Toluene	ND	0.0050	mg/Kg	09/03/2003 07:45	
Ethyl benzene	ND	0.0050	mg/Kg	09/03/2003 07:45	
Xylene(s)	ND	0.0050	mg/Kg	09/03/2003 07:45	
<b>Surrogates(s)</b>					
Trifluorotoluene	102.9	53-125	%	09/03/2003 07:45	
4-Bromofluorobenzene-FID	98.0	58-124	%	09/03/2003 07:45	

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09/08/2003 15:52

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/09/02-01.04

LCS 2003/09/02-01.04-007

Extracted: 09/02/2003

Analyzed: 09/02/2003 11:21

LCSD 2003/09/02-01.04-008

Extracted: 09/02/2003

Analyzed: 09/02/2003 11:49

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0976	0.106	0.1000	97.6	106.0	8.3	77-123	35		
Toluene	0.101	0.108	0.1000	101.0	108.0	6.7	78-122	35		
Ethyl benzene	0.100	0.106	0.1000	100.0	106.0	5.8	70-130	35		
Xylene(s)	0.293	0.307	0.300	97.7	102.3	4.6	75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	508	516	500	101.6	103.2		53-125			

Severn Trent Laboratories, Inc.

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09/08/2003 15:52

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/09/02-01.04

LCS 2003/09/02-01.04-009

Extracted: 09/02/2003

Analyzed: 09/02/2003 12:16

LCSD 2003/09/02-01.04-010

Extracted: 09/02/2003

Analyzed: 09/02/2003 12:43

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Gasoline	0.444	0.440	0.500	88.8	88.0	0.9	75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	489	498	500	97.8	99.6		58-124			

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/09/03-01.01

LCS 2003/09/03-01.01-004

Extracted: 09/03/2003

Analyzed: 09/03/2003 08:17

LCSD 2003/09/03-01.01-005

Extracted: 09/03/2003

Analyzed: 09/03/2003 08:49

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	0.0964	0.0987	0.1000	96.4	98.7	2.4	77-123	35		
Toluene	0.101	0.103	0.1000	101.0	103.0	2.0	78-122	35		
Ethyl benzene	0.105	0.107	0.1000	105.0	107.0	1.9	70-130	35		
Xylene(s)	0.308	0.315	0.300	102.7	105.0	2.2	75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	521	526	500	104.2	105.2		53-125			

Severn Trent Laboratories, Inc.

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

09/08/2003 15:52

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5035

Test(s): 8015M

Laboratory Control-Spike

Soil

QC Batch # 2003/09/03-01.01

LCS 2003/09/03-01.01-006

Extracted: 09/03/2003

Analyzed: 09/03/2003 09:21

LCSD 2003/09/03-01.01-007

Extracted: 09/03/2003

Analyzed: 09/03/2003 09:53

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Gasoline	0.518	0.490	0.500	103.6	98.0	5.6	75-125	35		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene-FID	473	484	500	94.6	96.8		58-124			

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09/08/2003 15:52

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 800  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

---

**Legend and Notes**

---

**Result Flag**

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

**Gas/BTEX Compounds (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS4 0803	08/29/2003 16:26	Soil	4



**Gas/BTEX Compounds (High Level)**

Wells Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: Hex SS4 0803	Lab ID: 2003-09-0016 - 4
Sampled: 08/29/2003 16:26	Extracted: 9/5/2003 08:00
Matrix: Soil	QC Batch#: 2003/09/05-05.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	140	10	mg/Kg	1.00	09/05/2003 13:32	g
Benzene	ND	0.62	mg/Kg	1.00	09/05/2003 13:32	
Toluene	ND	0.62	mg/Kg	1.00	09/05/2003 13:32	
Ethyl benzene	ND	0.62	mg/Kg	1.00	09/05/2003 13:32	
Xylene(s)	2.2	0.62	mg/Kg	1.00	09/05/2003 13:32	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	95.5	58-124	%	1.00	09/05/2003 13:32	
4-Bromofluorobenzene-FID	198.5	58-124	%	1.00	09/05/2003 13:32	sh

**Gas/BTEX Compounds (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030  
Method Blank  
MB: 2003/09/05-05.01-001

Soil

Test(s): 8015M  
QC Batch # 2003/09/05-05.01  
Date Extracted: 09/05/2003 08:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	10	mg/Kg	09/05/2003 08:43	
Benzene	ND	0.62	mg/Kg	09/05/2003 08:43	
Toluene	ND	0.62	mg/Kg	09/05/2003 08:43	
Ethyl benzene	ND	0.62	mg/Kg	09/05/2003 08:43	
Xylene(s)	ND	0.62	mg/Kg	09/05/2003 08:43	
<b>Surrogates(s)</b>					
Trifluorotoluene	103.2	53-125	%	09/05/2003 08:43	
4-Bromofluorobenzene-FID	99.6	58-124	%	09/05/2003 08:43	

**Gas/BTEX Compounds (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1665-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/09/05-05.01

LCS 2003/09/05-05.01-002

Extracted: 09/05/2003

Analyzed: 09/05/2003 09:15

LCSD 2003/09/05-05.01-003

Extracted: 09/05/2003

Analyzed: 09/05/2003 09:47

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.123	0.120	0.125	98.4	96.0	2.5	77-123	35		
Toluene	0.120	0.119	0.125	96.0	95.2	0.8	78-122	35		
Ethyl benzene	0.122	0.119	0.125	97.6	95.2	2.5	70-130	35		
Xylene(s)	0.371	0.360	0.375	98.9	96.0	3.0	75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	570	486	500	114.0	97.2		53-125	0		

**Gas/BTEX Compounds (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/09/05-05.01

LCS 2003/09/05-05.01-004

Extracted: 09/05/2003

Analyzed: 09/05/2003 10:45

LCSD 2003/09/05-05.01-005

Extracted: 09/05/2003

Analyzed: 09/05/2003 11:12

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Gasoline	0.612	0.610	0.625	97.9	97.6	0.3	75-125	35		
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	556	570	500	111.2	114.0		58-124	0		

**Gas/BTEX Compounds (High Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

---

**Legend and Notes**

---

**Result Flag**

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

sh

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

**LUFT 5 Metals**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
Hex SS1 0803	08/29/2003 15:35	Soil	1
Hex SS5 0803	08/29/2003 16:05	Soil	5

**LUFT 5 Metals**

Weiss Associates

Attn.: Jlm Martin

6801 Christie Avenue, Suite 600  
Emeryville, CA 94808-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3050B	Test(s): 6010B
Sample ID: Hex SS1 0803	Lab ID: 2003-09-0016 - 1
Sampled: 08/29/2003 15:35	Extracted: 9/2/2003 17:07
Matrix: Soil	QC Batch#: 2003/09/02-08.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	09/05/2003 16:03	
Chromium	42	1.0	mg/Kg	1.00	09/05/2003 16:03	
Lead	13	1.0	mg/Kg	1.00	09/05/2003 16:03	
Nickel	96	1.0	mg/Kg	1.00	09/05/2003 16:03	
Zinc	52	1.0	mg/Kg	1.00	09/05/2003 16:03	

**LUFT 5 Metals**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

Prep(s): 3050B	Test(s): 6010B
Sample ID: Hex SS5 0803	Lab ID: 2003-09-0016 - 5
Sampled: 08/29/2003 16:05	Extracted: 9/2/2003 17:07
Matrix: Soil	QC Batch#: 2003/09/02-08.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	09/05/2003 16:07	
Chromium	36	1.0	mg/Kg	1.00	09/05/2003 16:07	
Lead	16	1.0	mg/Kg	1.00	09/05/2003 16:07	
Nickel	63	1.0	mg/Kg	1.00	09/05/2003 16:07	
Zinc	78	1.0	mg/Kg	1.00	09/05/2003 16:07	



**LUFT 5 Metals**

Weiss Associates

Attn.: Jim Martin

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Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 3050B

Method Blank

MB: 2003/09/02-08.15-043

Soil

Test(s): 6010B

QC Batch # 2003/09/02-08:15

Date Extracted: 09/02/2003 17:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	09/05/2003 15:21	
Chromium	ND	1.0	mg/Kg	09/05/2003 15:21	
Lead	ND	1.0	mg/Kg	09/05/2003 15:21	
Nickel	ND	1.0	mg/Kg	09/05/2003 15:21	
Zinc	ND	1.0	mg/Kg	09/05/2003 15:21	

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94586

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

09/08/2003 14:12

**LUFT 5 Metals**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655-1-1  
Hexcel

Received: 08/29/2003 17:35

**Batch QC Report**

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2003/09/02-08.15

LCS 2003/09/02-08.15-046

Extracted: 09/02/2003

Analyzed: 09/05/2003 15:32

LCSD 2003/09/02-08.15-047

Extracted: 09/02/2003

Analyzed: 09/05/2003 15:36

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Cadmium	107	110	100.0	107.0	110.0	2.8	80-120	20		
Chromium	109	113	100.0	109.0	113.0	3.6	80-120	20		
Lead	108	111	100.0	108.0	111.0	2.7	80-120	20		
Nickel	108	112	100.0	108.0	112.0	3.6	80-120	20		
Zinc	107	110	100.0	107.0	110.0	2.8	80-120	20		

STL San Francisco

Sample Receipt Checklist

Submission #: 2003- 09 - ~~0014~~ <sup>054</sup> 0016

Checklist completed by: (initials) ESH Date: 09.02.03

Courier name:  STL San Francisco  Client \_\_\_\_\_

Custody seals intact on shipping container/samples Yes \_\_\_ No \_\_\_ Not Present

Chain of custody present? Yes  No \_\_\_

Chain of custody signed when relinquished and received? Yes  No \_\_\_

Chain of custody agrees with sample labels? Yes  No \_\_\_

Samples in proper container/bottle? Yes  No \_\_\_

Sample containers intact? Yes  No \_\_\_

Sufficient sample volume for indicated test? Yes  No \_\_\_

All samples received within holding time? Yes  No \_\_\_

Container/Temp Blank temperature in compliance (4° C ± 2)? Temp: 18.4°C Yes  No \_\_\_

Ice Present Yes  No \_\_\_

Water - VOA vials have zero headspace? No VOA vials submitted  Yes \_\_\_ No \_\_\_

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ **O**) or L (large ~ **O**))

Water - pH acceptable upon receipt?  Yes  No soils

pH adjusted- Preservative used:  HNO<sub>3</sub>  HCl  H<sub>2</sub>SO<sub>4</sub>  NaOH  ZnOAc -Lot #(s) \_\_\_\_\_

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: 24 hrs of sampling

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ /03

Client contacted:  Yes  No

Summary of discussion:  
\_\_\_\_\_  
\_\_\_\_\_

Corrective Action (per PM/Client):  
\_\_\_\_\_  
\_\_\_\_\_

Please send analytic results and a copy of the signed chain of custody form to:

Jim Martin 510-450-6126  
 Project ID: 275-1655-1-1

LAB PERSONNEL:

Please Include QA/QC Data.  
 Specify analytic method and detection limit in report.  
 Notify us of any anomalous peaks in GC or other scans.  
 Notify us of any questions or problems.

**CHAIN-OF-CUSTODY RECORD AND ANALYTIC INSTRUCTIONS**

Sampled by: CR

Laboratory Name: STL 925-484-1919

Site Name: Hexcel

Sample ID	# of Containers	Sample/ Container Type <sup>1</sup>	Sample Date	Sample Time	Volume	Preservative?	Filter? 2	Refrig? 3	Turn 4	Analyze for	Analytical Method	Special Instructions
Hex SS1 0803	4	S	8-29-03	1535	2 X 6	N	N	Y	N	TPH-D; TPH-G, BTEX; O&G; LUAFT 5 metals VOCS	8015 Mod TEPH; 8015/8021; 1664; 8260	Composite 4 tubes 6010 B (Luft 5)
Hex SS2 0803	2	S		1503	2 X 6	N	N	Y	N	TPH-D; TPH-G, BTEX; O&G; VOCS	8015 Mod TEPH; 8015/8021; 1664; 8260	
Hex SS3 0803	2	S		1523	2 X 6	N	N	Y	N	TPH-D; TPH-G, BTEX; O&G; VOCS	8015 Mod TEPH; 8015/8021; 1664; 8260	
Hex SS4 0803	2	S		1626	2 X 6	N	N	Y	N	TPH-D; TPH-G, BTEX; O&G; VOCS	8015 Mod TEPH; 8015/8021; 1664; 8260	
Hex SS5 0803	4-2	S		1605	2 X 6	N	N	Y	N	TPH-D; TPH-G, BTEX; O&G; Luft 5 metals VOCS	8015 Mod TEPH; 8015/8021; 1664; 8260	Composite 4 tubes 6010 B (Luft 5)
<del>Hex SS6 0803</del>	<del>2</del>	<del>S</del>			<del>2 X 6</del>	<del>N</del>	<del>N</del>	<del>Y</del>	<del>N</del>	<del>TPH-D; TPH-G, BTEX; O&amp;G; VOCS</del>	<del>8015 Mod TEPH; 8015/8021; 1664; 8260</del>	
<del>Hex SS7 0803</del>	<del>2</del>	<del>S</del>			<del>2 X 6</del>	<del>N</del>	<del>N</del>	<del>Y</del>	<del>N</del>	<del>TPH-D; TPH-G, BTEX; O&amp;G; VOCS</del>	<del>8015 Mod TEPH; 8015/8021; 1664; 8260</del>	
<del>Hex SS5 0803</del>												
Released by (Signature), Date, Time <u>[Signature]</u> 8-29-03   1735					Released by (Signature), Date, Time 5					Released by (Signature), Date, Time 5		
1 (Affiliation) <u>WRS</u>					3 (Affiliation)					5 (Affiliation)		
Received by (Signature), Date, Time 2					Received by (Signature), Date, Time 4					Received by (Signature), Date, Time <u>None</u> 8/29/03 1735		
2 (Affiliation)					4 (Affiliation)					6 (Affiliation) <u>STL-SF</u>		
1 = Sample Type Codes: W = Water, S = Soil, Describe Other; Cap Codes: PT = Plastic, Teflon Lined    2 = Filtered (Y/N)					Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B = Clear/Brown Glass, Describe Other; 3 = Refrigerated (Y/N)                      4 = Turnaround: N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)							

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



**STL**

Submission#: 2003-10-0036

**Weiss Associates**

October 10, 2003

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Attn.: Jim Martin  
Project#: 275-1655

Attached is our report for your samples received on 09/30/2003 16:58  
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  
11/14/2003 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: [asalimpour@stl-inc.com](mailto:asalimpour@stl-inc.com)

Sincerely,

Afsaneh Salimpour  
Project Manager



**STL**

Submission #: 2003-10-0036

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
HEX SS6 0903	09/30/2003 15:03	Soil	1

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Prep(s):	5035 5035	Test(s):	8015M 8021B
Sample ID:	HEX SS6 0903	Lab ID:	2003-10-0036 - 1
Sampled:	09/30/2003 15:03	Extracted:	10/2/2003 12:11
Matrix:	Soil	QC Batch#:	2003/10/02-01.04

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2003 12:11	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2003 12:11	
Toluene	ND	0.0050	mg/Kg	1.00	10/02/2003 12:11	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2003 12:11	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2003 12:11	
<b>Surrogate(s)</b>						
Trifluorotoluene	57.1	53-125	%	1.00	10/02/2003 12:11	
Trifluorotoluene-FID	62.3	53-125	%	1.00	10/02/2003 12:11	

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/10/02-01.04-007

Soil

Test(s): 8015M

QC Batch # 2003/10/02-01.04

Date Extracted: 10/02/2003 09:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	10/02/2003 09:29	
Benzene	ND	0.0050	mg/Kg	10/02/2003 09:29	
Toluene	ND	0.0050	mg/Kg	10/02/2003 09:29	
Ethyl benzene	ND	0.0050	mg/Kg	10/02/2003 09:29	
Xylene(s)	ND	0.0050	mg/Kg	10/02/2003 09:29	
<b>Surrogates(s)</b>					
Trifluorotoluene	89.6	53-125	%	10/02/2003 09:29	
4-Bromofluorobenzene-FID	88.4	58-124	%	10/02/2003 09:29	



Gas/BTEX by 8015M/8021

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Batch QC Report

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/10/02-01.04

LCS 2003/10/02-01.04-002

Extracted: 10/02/2003

Analyzed: 10/02/2003 06:54

LCSD 2003/10/02-01.04-003

Extracted: 10/02/2003

Analyzed: 10/02/2003 07:25

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.498	0.479	0.500	99.6	95.8	3.9	75-125	35		
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	488	475	500	97.6	95.0		58-124			

**Gas/BTEX by 8015M/8021**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/10/02-01.04**

LCS 2003/10/02-01.04-005

Extracted: 10/02/2003

Analyzed: 10/02/2003 08:27

LCSD 2003/10/02-01.04-006

Extracted: 10/02/2003

Analyzed: 10/02/2003 08:58

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0903	0.0890	0.1000	90.3	89.0	1.5	77-123	35		
Toluene	0.0895	0.0889	0.1000	89.5	88.9	0.7	78-122	35		
Ethyl benzene	0.0896	0.0887	0.1000	89.6	88.7	1.0	70-130	35		
Xylene(s)	0.261	0.259	0.300	87.0	86.3	0.8	75-125	35		
<i>Surrogates(s)</i>										
Trifluorotoluene	452	447	500	90.4	89.4		53-125			



**STL**

Submission #: 2003-10-0036

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
HEX SS6 0903	09/30/2003 15:03	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

10/07/2003 13:12

Oil & Grease (Total) by EPA 1664

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

---

Prep(s):	1664	Test(s):	1664
Sample ID:	HEX SS6 0903	Lab ID:	2003-10-0036 - 1
Sampled:	09/30/2003 15:03	Extracted:	10/6/2003 00:00
Matrix:	Soil	QC Batch#:	2003/10/06-03.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	5500	50	mg/Kg	1.00	10/06/2003	



**STL**

Submission #: 2003-10-0036

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 1664

Test(s): 1664

Method Blank

Soil

QC Batch # 2003/10/06-03.23

MB: 2003/10/06-03.23-001

Date Extracted: 10/06/2003

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	10/06/2003	

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

10/07/2003 13:12

**Oil & Grease (Total) by EPA 1664**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 1664

Test(s): 1664

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/10/06-03.23**

LCS 2003/10/06-03.23-002

Extracted: 10/06/2003

Analyzed: 10/06/2003

LCSD 2003/10/06-03.23-003

Extracted: 10/06/2003

Analyzed: 10/06/2003

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	696	762	800	87.0	95.3	9.1	79-114	20		

Volatile Organic Compounds by 8260B (Low Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
HEX SS6 0903	09/30/2003 15:03	Soil	1

Volatile Organic Compounds by 8260B (Low Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Prep(s): 5035 Test(s): 8260B  
Sample ID: HEX SS6 0903 Lab ID: 2003-10-0036 - 1  
Sampled: 09/30/2003 15:03 Extracted: 10/2/2003 18:05  
Matrix: Soil QC Batch#: 2003/10/02-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Acetone	ND	50	ug/Kg	1.00	10/02/2003 18:05	
Benzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Bromochloromethane	ND	20	ug/Kg	1.00	10/02/2003 18:05	
Bromoform	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Bromomethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/02/2003 18:05	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Chloroethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/02/2003 18:05	
Chloroform	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Chloromethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/02/2003 18:05	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	



Volatile Organic Compounds by 8260B (Low Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Prep(s): 5035 Test(s): 8260B  
Sample ID: HEX SS6 0903 Lab ID: 2003-10-0036 -1  
Sampled: 09/30/2003 15:03 Extracted: 10/2/2003 18:05  
Matrix: Soil QC Batch#: 2003/10/02-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/02/2003 18:05	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
2-Hexanone	ND	50	ug/Kg	1.00	10/02/2003 18:05	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Methylene chloride	ND	10	ug/Kg	1.00	10/02/2003 18:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/02/2003 18:05	
Naphthalene	ND	10	ug/Kg	1.00	10/02/2003 18:05	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Styrene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Toluene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Prep(s):	5035	Test(s):	8260B
Sample ID:	HEX SS6 0903	Lab ID:	2003-10-0036 - 1
Sampled:	09/30/2003 15:03	Extracted:	10/2/2003 18:05
Matrix:	Soil	QC Batch#:	2003/10/02-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Vinyl acetate	ND	50	ug/Kg	1.00	10/02/2003 18:05	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
Total xylenes	ND	5.0	ug/Kg	1.00	10/02/2003 18:05	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	95.9	74-121	%	1.00	10/02/2003 18:05	
1,2-Dichloroethane-d4	125.1	70-121	%	1.00	10/02/2003 18:05	sh
Toluene-d8	89.1	81-117	%	1.00	10/02/2003 18:05	

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/10/02-01.09

MB: 2003/10/02-01.09-004

Date Extracted: 10/02/2003 13:16

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	10/02/2003 13:16	
Acetone	ND	50	ug/Kg	10/02/2003 13:16	
Benzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Bromodichloromethane	ND	5.0	ug/Kg	10/02/2003 13:16	
Bromobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Bromochloromethane	ND	20	ug/Kg	10/02/2003 13:16	
Bromoform	ND	5.0	ug/Kg	10/02/2003 13:16	
Bromomethane	ND	10	ug/Kg	10/02/2003 13:16	
2-Butanone(MEK)	ND	50	ug/Kg	10/02/2003 13:16	
n-Butylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
sec-Butylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
tert-Butylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Carbon disulfide	ND	5.0	ug/Kg	10/02/2003 13:16	
Carbon tetrachloride	ND	5.0	ug/Kg	10/02/2003 13:16	
Chlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Chloroethane	ND	10	ug/Kg	10/02/2003 13:16	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/02/2003 13:16	
Chloroform	ND	5.0	ug/Kg	10/02/2003 13:16	
Chloromethane	ND	10	ug/Kg	10/02/2003 13:16	
2-Chlorotoluene	ND	5.0	ug/Kg	10/02/2003 13:16	
4-Chlorotoluene	ND	5.0	ug/Kg	10/02/2003 13:16	
Dibromochloromethane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,3-Dichloropropane	ND	5.0	ug/Kg	10/02/2003 13:16	
2,2-Dichloropropane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1-Dichloropropene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/02/2003 13:16	
1,2-Dibromoethane	ND	10	ug/Kg	10/02/2003 13:16	

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

10/08/2003 13:52

Volatile Organic Compounds by 8260B (Low Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/10/02-01.09-004

Soil

Test(s): 8260B

QC Batch # 2003/10/02-01.09

Date Extracted: 10/02/2003 13:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	10/02/2003 13:16	
Dichlorodifluoromethane	ND	10	ug/Kg	10/02/2003 13:16	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/02/2003 13:16	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/02/2003 13:16	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/02/2003 13:16	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/02/2003 13:16	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/02/2003 13:16	
Ethylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Hexachlorobutadiene	ND	5.0	ug/Kg	10/02/2003 13:16	
2-Hexanone	ND	50	ug/Kg	10/02/2003 13:16	
Isopropylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
p-Isopropyltoluene	ND	5.0	ug/Kg	10/02/2003 13:16	
Methylene chloride	ND	10	ug/Kg	10/02/2003 13:16	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/02/2003 13:16	
Naphthalene	ND	10	ug/Kg	10/02/2003 13:16	
n-Propylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Styrene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
Tetrachloroethene	ND	5.0	ug/Kg	10/02/2003 13:16	
Toluene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	10/02/2003 13:16	
Trichloroethene	ND	5.0	ug/Kg	10/02/2003 13:16	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/02/2003 13:16	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/02/2003 13:16	

Severn Trent Laboratories, Inc.

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

10/08/2003 13.52

Volatile Organic Compounds by 8260B (Low Level)

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/10/02-01.09

MB: 2003/10/02-01.09-004

Date Extracted: 10/02/2003 13:16

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	10/02/2003 13:16	
Vinyl acetate	ND	50	ug/Kg	10/02/2003 13:16	
Vinyl chloride	ND	5.0	ug/Kg	10/02/2003 13:16	
Total xylenes	ND	5.0	ug/Kg	10/02/2003 13:16	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	92.4	74-121	%	10/02/2003 13:16	
1,2-Dichloroethane-d4	109.5	70-121	%	10/02/2003 13:16	
Toluene-d8	90.8	81-117	%	10/02/2003 13:16	

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/10/02-01.09**

LCS 2003/10/02-01.09-002

Extracted: 10/02/2003

Analyzed: 10/02/2003 12:13

LCSD 2003/10/02-01.09-003

Extracted: 10/02/2003

Analyzed: 10/02/2003 12:50

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	102	102	100.0	102.0	102.0	0.0	69-129	20		
Chlorobenzene	112	107	100.0	112.0	107.0	4.6	61-121	20		
1,1-Dichloroethene	82.7	86.0	100.0	82.7	86.0	3.9	65-125	20		
Toluene	98.8	98.4	100.0	98.8	98.4	0.4	70-130	20		
Trichloroethene	95.7	96.3	100.0	95.7	96.3	0.6	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	505	466	500	101.0	93.2		74-121			
1,2-Dichloroethane-d4	526	515	500	105.2	103.0		70-121			
Toluene-d8	460	454	500	92.0	90.8		81-117			



**STL**

Submission #: 2003-10-0036

**Volatile Organic Compounds by 8260B (Low Level)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

---

**Legend and Notes**

---

**Result Flag**

sh

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

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



**STL**

Submission #: 2003-10-0036

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
HEX SS6 0903	09/30/2003 15:03	Soil	1



Total Extractable Petroleum Hydrocarbons (TEPH)

Weiss Associates  
Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	HEX SS6 0903	Lab ID:	2003-10-0036 - 1
Sampled:	09/30/2003 15:03	Extracted:	10/2/2003 09:04
Matrix:	Soil	QC Batch#:	2003/10/02-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2200	25	mg/Kg	25.00	10/06/2003 19:54	ndp
Bunker-C	ND	1300	mg/Kg	25.00	10/06/2003 19:54	
<i>Surrogate(s)</i> o-Terphenyl	NA	60-130	%	25.00	10/06/2003 19:54	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

Weiss Associates

Attn: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2003/10/02-01.10-001

Soil

Test(s): 8015M

QC Batch # 2003/10/02-01.10

Date Extracted: 10/02/2003 09:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	10/02/2003 15:06	
Bunker-C	ND	50	mg/Kg	10/02/2003 15:06	
<b>Surrogates(s)</b>					
o-Terphenyl	90.3	60-130	%	10/02/2003 15:06	



**STL**

Submission #: 2003-10-0036

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/10/02-01.10**

LCS 2003/10/02-01.10-002

Extracted: 10/02/2003

Analyzed: 10/02/2003 14:05

LCSD 2003/10/02-01.10-003

Extracted: 10/02/2003

Analyzed: 10/02/2003 14:35

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	34.1	34.5	41.3	82.6	83.3	0.8	60-130	25		
Surrogates(s) o-Terphenyl	18.6	18.7	20.0	93.2	93.4		60-130	0		

Sewern 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

10/07/2003 15:58



**STL**

Submission #: 2003-10-0036

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Weiss Associates

Attn.: Jim Martin

5801 Christie Avenue, Suite 600  
Emeryville, CA 94608-1827  
Phone: (510) 450-6126 Fax: (510) 547-5043

Project: 275-1655

Received: 09/30/2003 16:58

---

**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

10/07/2003 15:58



**STL**  
**SEQUOIA ANALYTICAL**  
**CHAIN OF CUSTODY**

- 885 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 782-6308
- 1455 McDowell Blvd, Suite D. • Petaluma, CA 94954 • (707) 792-1865 • FAX (707) 792-0342
- 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 • FAX (916) 921-0100
- 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 • FAX (650) 232-9612
- 1055 W. McDevitt Ave. • Ukiah, CA 94598 • (925) 988-9600 • FAX (925) 988-9673

2003-10-0036 79308

Company Name: <u>WEISS ASSOC</u>		Project: <u>275-1655</u>	
Mailing Address: <u>5801 CHRISTIE AVE #600</u>		Billing Address (if different):	
City: <u>EMERYVILLE</u>	State: <u>CA</u>	Zip Code: <u>94608</u>	
Telephone: <u>510 450 6000</u>	Fax #: <u>510 547 5043</u>	P.O. #:	
Report To: <u>JIM MARTIN</u>	E-mail Address: <u>JIM@WEISS.COM</u>	QC Data: <input type="checkbox"/> Level II (standard) <input type="checkbox"/> Level III <input type="checkbox"/> Level IV	
Sampler: <u>JIM MARTIN</u>	Date / Time Results Required:	Sequoia's Work Order #	

- Turnaround Time:
- 10-15 Working Days (Standard TAT)
  - 7 Working Days
  - 5 Working Days
  - 72 Hours
  - 48 Hours
  - 24 Hours
  - 2-8 Hours

- MANDATORY:**
- SDWA (Drinking Water)
  - CWA (Waste Water)
  - RCRA (Hazardous Waste)
  - Other

**ANALYSES REQUESTED (Please provide method)**

TRIP-1  
 TRIP-2  
 TPH-BUMAC  
 DATG-164  
 BTEX  
 VOCs-1660

Client Sample I.D.	Date / Time Sampled	Matrix Desc.	# of Cont.	Container Type	Sequoia's Sample #	TRIP-1	TRIP-2	TPH-BUMAC	DATG-164	BTEX	VOCs-1660	Comments/Temp.(if required)
1. HEX 556 0903	9/30/03 16:03	S	2	2x6Tbe		X	X	X	X	X	X	
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												

Relinquished By: <u>[Signature]</u>	Date / Time: <u>9-30-03 16:58</u>	Received By: <u>[Signature]</u>	Date / Time: <u>9/30/03 16:58</u>
Relinquished By:	Date / Time:	Received By:	Date / Time:
Relinquished By:	Date / Time:	Received By:	Date / Time:
Relinquished By:	Date / Time:	Received By:	Date / Time:

Were Samples Received in Good Condition?  Yes  No    Samples on Ice?  Yes  No    Method of Shipment: \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

White: Sequoia

Yellow: Sequoia

Pink: Client

SEQUOIA ANALYTICAL

925 988 9673

08/12/03 16:35 :01/08 NO:428



# Sequoia Analytical

819 Striker Avenue, Suite  
Sacramento, CA 95833  
(916) 921-9660  
FAX (916) 921-010  
www.sequoialabs.com

Post-It® Fax Note	7671	Date	8/12	# of pages	8
To	Mary Harvey	From	Mike Gorin		
Co./Dept.	Hexcel	Co.	Sequoia		
Phone #		Phone #			
Fax #	447-9667	Fax #		Hard copy to follow in the mail	

August 12, 2003

Mary Harvey  
Hexcel Corporation  
75 N. Mines Road  
Livermore, CA 94550

RE: N/A  
Work Order: S308141

Enclosed are the results of analyses for samples received by the laboratory on 08/07/03. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

*Michael Gorin*

Mike Gorin  
Project Manager

CA ELAP Certificate Number 1624



SEQUOIA ANALYTICAL

925 988 9673

08/12/03 16:35 :02/08 NO:428



# Sequoia Analytical

819 Striker Avenue, Suite  
Sacramento, CA 95833  
(916) 921-9600  
FAX (916) 921-0100  
www.sequoialabs.com

Hexcel Corporation  
75 N. Mines Road  
Livermore CA, 94550

Project: N/A  
Project Number: N/A  
Project Manager: Mary Harvey

S308141  
Reported:  
08/12/03 16:27

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bldg 77	S308141-01	Other (W)	08/07/03 12:30	08/07/03 13:50

Sequoia Analytical - Sacramento

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*



SEQUOIA ANALYTICAL

☎ 925 988 9673

08/12/03 16:35 ☐ :03/08 NO:428



# Sequoia Analytical

 819 Striker Avenue, Suite  
 Sacramento, CA 958  
 (916) 921-96  
 FAX (916) 921-01  
 www.sequoialabs.com

 Hexcel Corporation  
 75 N. Mines Road  
 Livermore CA, 94550

 Project: N/A  
 Project Number: N/A  
 Project Manager: Mary Harvey

 S308141  
 Reported:  
 08/12/03 16:27

## Semivolatile Fuel Identification by DHS LUFT Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bldg 77 (S308141-01) Other (W) Sampled: 08/07/03 12:30 Received: 08/07/03 13:50									
Diesel Range Organics (C10-C28)	210000	10	mg/kg	10	3080121	08/11/03	08/12/03	DHS LUFT	HC-12
Jet-A (C9-C17)	ND	20	"	"	"	"	"	"	
Motor Oil (C16-C36)	310000	20	"	"	"	"	"	"	
Kerosene (C10-C16)	90000	20	"	"	"	"	"	"	
JP-4 (C9-C14)	ND	20	"	"	"	"	"	"	
JP-5 (C9-C16)	ND	20	"	"	"	"	"	"	
JP-8 (C9-C16)	ND	20	"	"	"	"	"	"	
Hydraulic Oil (C16-C36)	ND	20	"	"	"	"	"	"	
Unidentified Extractable Hydrocarbons	340000	20	"	"	"	"	"	"	A-01
Surrogate: Octacosane		1300 %		50-150	"	"	"	"	S-02

Sequoia Analytical - Sacramento

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



SEQUOIA ANALYTICAL

☎ 925 988 9673

08/12/03 16:35 ☐ :04/08 NO:428

**Sequoia  
Analytical**819 Stiker Avenue, Suite  
Sacramento, CA 95811  
(916) 921-9661  
FAX (916) 921-0100  
www.sequoiabs.comHexcel Corporation  
75 N. Mines Road  
Livermore CA, 94550Project: N/A  
Project Number: N/A  
Project Manager: Mary HarveyS308141  
Reported:  
08/12/03 16:27**Polychlorinated Biphenyls by EPA Method 8082  
Sequoia Analytical - Sacramento**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Bldg 77 (S308141-01) Other (W) Sampled: 08/07/03 12:30 Received: 08/07/03 13:50										
PCB-1016	ND	1.0		ug/kg	1	3080106	08/08/03	08/11/03	EPA 8082	
PCB-1221	ND	2.0		"	"	"	"	"	"	
PCB-1232	ND	1.0		"	"	"	"	"	"	
PCB-1242	ND	1.0		"	"	"	"	"	"	
PCB-1248	ND	1.0		"	"	"	"	"	"	
PCB-1254	ND	1.0		"	"	"	"	"	"	
PCB-1260	ND	1.0		"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		91 %		50-150		"	"	"	"	

Sequoia Analytical - Sacramento

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

SEQUOIA ANALYTICAL

925 988 9673

08/12/03 16:35 :05/08 NO:428



**Sequoia Analytical**

819 Striker Avenue, Suite  
Sacramento, CA 95833  
(916) 921-9664  
FAX (916) 921-0111  
www.sequoialabs.co

Hexcel Corporation 75 N. Mines Road Livermore CA. 94550	Project: N/A Project Number: N/A Project Manager: Mary Harvey	S308141 Reported: 08/12/03 16:27
---	---	--

**Semivolatile Fuel Identification by DHS LUFT - Quality Control**  
**Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 3080121 - EPA 3580A (Dilution)**

Blank (3080121-BLK1)		Prepared: 08/11/03 Analyzed: 08/12/03								
Diesel Range Organics (C10-C28)	ND	1.0	mg/kg							
1st-A (C9-C17)	ND	2.0	"							
Motor Oil (C16-C36)	ND	2.0	"							
Kerosene (C10-C16)	ND	2.0	"							
JP-4 (C9-C14)	ND	2.0	"							
JP-5 (C9-C16)	ND	2.0	"							
JP-8 (C9-C16)	ND	2.0	"							
Hydraulic Oil (C16-C36)	ND	2.0	"							
Unidentified Extractable Hydrocarbons	ND	2.0	"							
Surrogate: Octacosane	122		"	200		61	50-150			
Laboratory Control Sample (3080121-BST)		Prepared: 08/11/03 Analyzed: 08/12/03								
Diesel Range Organics (C10-C28)	8240	1.0	mg/kg	5000		165	60-140			Q-LIM
Surrogate: Octacosane	104		"	200		52	50-150			

SEQUOIA ANALYTICAL

925 988 9673

08/12/03 16:35 :06/08 NO:428

**Sequoia  
Analytical**819 Striker Avenue, Suite  
Sacramento, CA 958  
(916) 921-966  
FAX (916) 921-011  
www.sequialabs.caHexcel Corporation  
75 N. Mines Road  
Livermore CA, 94550Project: N/A  
Project Number: N/A  
Project Manager: Mary HarveyS308141  
Reported:  
08/12/03 16:27**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control  
Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 3080106 - EPA 3580A (Dilution)</b>									
<b>Blank (3080106-BLK1)</b>				Prepared: 08/08/03 Analyzed: 08/11/03					
PCB-1016	ND	1.0	ug/kg						
PCB-1221	ND	2.0	"						
PCB-1232	ND	1.0	"						
PCB-1242	ND	1.0	"						
PCB-1248	ND	1.0	"						
PCB-1254	ND	1.0	"						
PCB-1260	ND	1.0	"						
Surrogate: Decachlorobiphenyl	1110		"	1000		111 50-150			
<b>Laboratory Control Sample (3080106-BS1)</b>				Prepared: 08/08/03 Analyzed: 08/11/03					
PCB-1016	10100	1.0	ug/kg	10000		101 50-150			
PCB-1260	9490	1.0	"	10000		95 50-150			
Surrogate: Decachlorobiphenyl	1120		"	1000		112 50-150			
<b>Laboratory Control Sample Dup (3080106-BSD1)</b>				Prepared: 08/08/03 Analyzed: 08/11/03					
PCB-1016	10400	1.0	ug/kg	10000		104 50-150	3	50	
PCB-1260	9800	1.0	"	10000		98 50-150	3	50	
Surrogate: Decachlorobiphenyl	1210		"	1000		121 50-150			

Sequoia Analytical - Sacramento

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

SEQUOIA ANALYTICAL

☎ 925 988 9673

08/12/03 16:35 ☐ :07/08 NO:428



# Sequoia Analytical

819 Striker Avenue, Suite  
Sacramento, CA 95833  
(916) 921-9666  
FAX (916) 921-0100  
www.sequoialabs.com

Hexcel Corporation  
75 N. Mines Road  
Livermore, CA, 94550

Project: N/A  
Project Number: N/A  
Project Manager: Mury Harvey

S308141  
Reported:  
08/12/03 16:27

### Notes and Definitions

- A-01 Sample appears to be a mix of three ranges of hydrocarbons.
- HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- Q-1JM The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





**ATTACHMENT B**

**PERMITS**

**CITY OF LIVERMORE**  
Community Development Department  
1052 S. Livermore Avenue  
Livermore, CA 94550  
Information: (925) 960-4410  
Inspections: (925) 960-4430

Tenant Improvement Permit No. T1030166  
Issued Date: 08/27/2003  
Valuation: \$4,000.00  
Site Address: 75 MINES ROAD, NORTH  
Parcel Number: 099107500203



Owner: HEXCEL CORPORATION  
Contractor: Foss Environmental

Phone #: 925 447-1001  
Phone #: (510) 749-1390

**DESCRIPTION OF WORK: Remove underground storage tank (Oil/Diesel). Excavation and disposal.**

Building: Y Plumbing: N Mechanical: N Electrical: N

**IMPORTANT**

Application is hereby made to the City of Livermore for a permit subject to the conditions and restrictions set forth on the front face of this application. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Livermore, its officers, agents and employees from any liability arising out of the issuance of any permit resulting from this application.

**Licensed Contractor's Declaration:** I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class: A-HAZ  
Expiration Date: 12/31/2003

License Number: 716581

Contractor's Signature: Caron Mujica

**Owner-Builder Declaration:** I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any city which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is a licensed contractor pursuant to the provisions of the Contractor's License Law (Chapter 9 [commencing with Section 7000] of Division 3 of the B. & P. Code) or that he or she is exempt therefrom and the basis for the alleged exception. Any violations of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as the owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. Code: The Contractor's License Law does not apply to an owner of property of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

I am exempt under Sec. 7044 B & P Code for this reason: Homeowner

Date: \_\_\_\_\_

Owner Signature: \_\_\_\_\_

**Worker's Compensation Declaration:** I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

**AG** I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier Commerce And Industry

Policy Number WC9696538

**THIS SECTION NEED NOT BE COMPLETED IF THE PERMITS IS FOR ONE HUNDRED DOLLARS (\$100) OR LESS**

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: \_\_\_\_\_

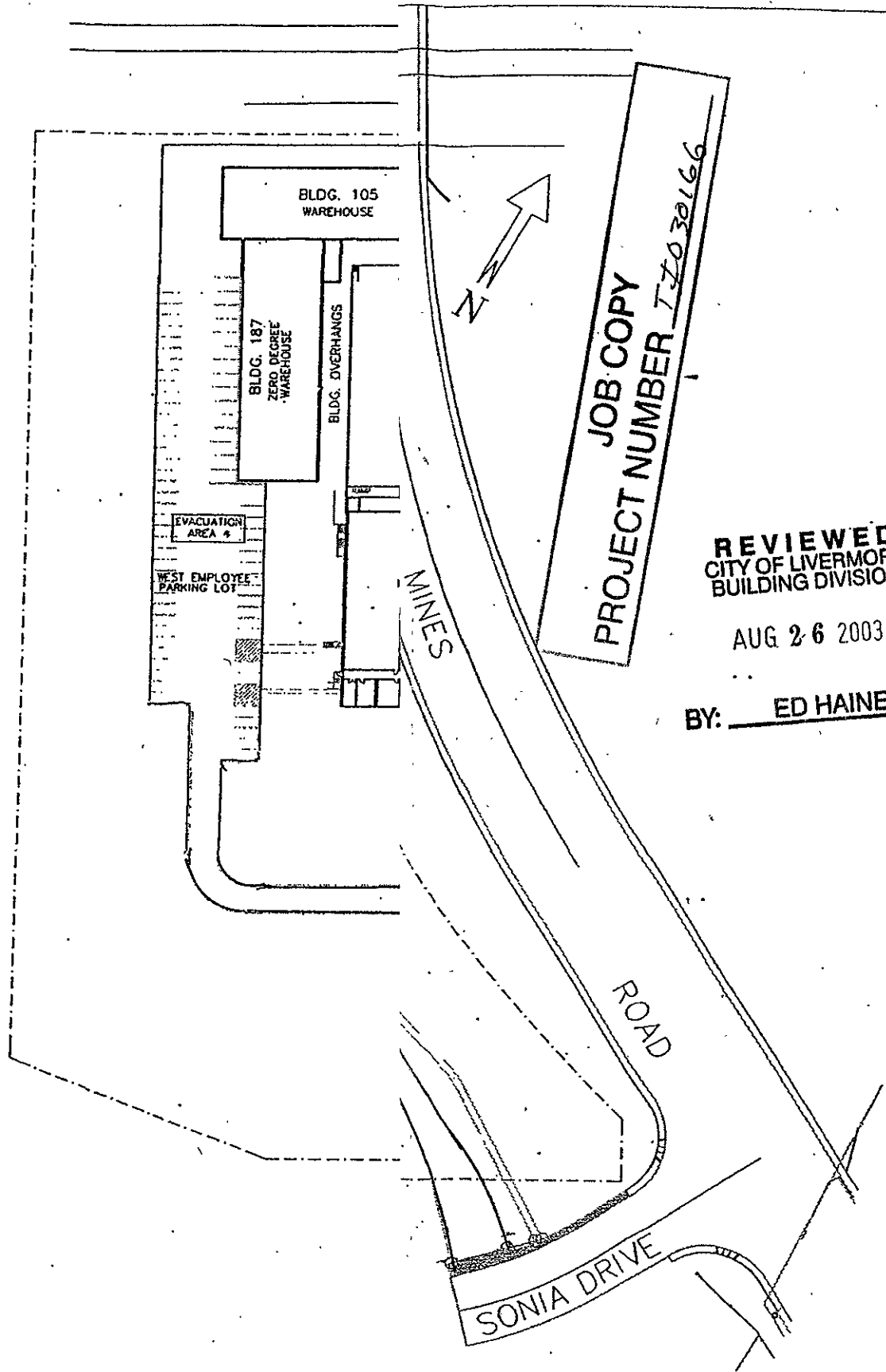
Applicant: \_\_\_\_\_

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor: Caron Mujica

Date: 8-27-03

**PLEASE NOTE: THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.**



PROJECT NO. 77030166  
 JOB COPY


REVIEWED  
 CITY OF LIVERMORE  
 BUILDING DIVISION

AUG 26 2003

BY: ED HAINES

REV	DESCRIPTION	DATE	APPROVED

PROJECT NO. 77030166

ALOS MCGON DATE 11/1/2001 ALOS MCGON DATE 11/1/2001 LARA MCGON DATE 11/1/2001 LARA MCGON DATE 11/1/2001		HEXCEL-LIVERMORE 75 N. MINES ROAD LIVERMORE, CA 94550 (925) 447-1001
<h1>SITE PLAN</h1>		
PROPRIETARY	SIZE 8	FSCM NO.



**Livermore-Pleasanton Fire Department**  
 3560 Nevada St., Pleasanton, 94566  
 (925) 454-2361 Fax: (925) 454-2367

**UNDERGROUND TANK CLOSURE PLAN**

**General Information**

1. Name of Business: HEXCEL CORPORATION  
 Site Address: 75 NORTH MINES ROAD  
 Tank Owner/Operator Contact Person: MARY HARVEY Phone: 925-447-1001  
 EPA ID #: CAD 058783952
  
2. Property Owner: HEXCEL CORPORATION  
 Owner Address: 75 NORTH MINES ROAD  
LIVERMORE, CA 94550
  
3. Tank Removal Contractor: FOSS ENVIRONMENTAL SERVICES COMPANY  
 Address: 1605 FERRY POINT, ALAMEDA CA 94501  
 Phone: 510-749-1390 License Type: A-HAZ ID #: 716581

4. Required attachments:

- Worker's Compensation Certificate copy
- Plot Plan
- State "Facility" and "Tank" forms (one two page "Tank" form for each UST removed)
- Pleasanton: Check payable to the City of Pleasanton
- Livermore: Check payable to the City of Livermore
- Business License - Application PENDING

**REVIEWED**  
 CITY OF LIVERMORE  
 BUILDING DIVISION

AUG 26 2003

**TANK INFORMATION**

BY: ED HAINES

5. Tanks to be closed:

Tank No.	Tank Size (gallons)	Tank Contents (including both current and former, if different)	Materials of construction	Age of Tank
1	<u>UNKNOWN</u>	<u>OIL/DIESEL</u>	<u>UNKNOWN</u>	<u>UNKNOWN</u>
2				
3				
4				
5				
6				

6. Total number of underground tanks at this facility (prior to this closure): 6

7. Length of piping being closed under this plan: UNKNOWN

8. Have tanks or pipes leaked in the past?

- Yes. Describe: OIL DISCOVERED NEAR FILL PIPES
- No
- Unknown

**Management of Tanks**

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Piping must be disposed of as hazardous waste unless approved alternative method used. Inaccessible piping must be permanently plugged. It is the contractor's responsibility to bring a working combustible gas indicator on site to verify that the tank is inert. Tanks cannot be removed from the ground unless the LEL is < 20% and the O<sub>2</sub> is < 8 %. The meter must be calibrated in the fire inspector's presence.

A. Tanks to be managed as NON Hazardous Waste:

A supplemental plan must be attached to this plan demonstrating how the requirements of California Code of Regulations Title 22, Chapter 32 Management of Tanks, Sections 67383.1 - 67383.5 will be satisfied.

B. Tanks to be managed as Hazardous Waste:

Dry ice must be placed in the tank in an amount not less than 22.2 pounds per 1000 gallons of tank capacity. Other methods must be approved on a case by case basis by the Fire Department.

9. Methods to be used for rendering tank(s) inert:

- Cleaning (See attached supplemental information)
- Dry ice (22.2 pounds per 1000 gallons tank volume)
- Other \_\_\_\_\_

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BUILDING DIVISION

**Sample Collection and Analysis**

AUG 26 2003

10. Sample Analysis

BY: ED HAINES

	TPHG	TPH D	BTX&E	Lead	CL Hydro	O&G	EPA 8270	pH	MTBE 8260	Other (specify)
Tank 1	X	X	X		X	X				
Tank 2										
Tank 3										
Tank 4										
Tank 5										

One soil sample must be collected for every 20 linear feet of piping that is removed. An underground water sample must be collected if any ground water is present in the excavation. Two soil samples must be collected at each end of the underground tank in native soil (one sample for tanks less than 1,000 gallons).

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting if odors are present.

11. Sampling plan for stockpiled soil: 4 POINT COMPOSITE

12. Will the excavated soil be returned to the excavation immediately after tank removal? NO

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

Please be aware that excavated soil may not be returned to the excavation without prior approval.

ADDITIONAL CONTRACTOR/CONSULTANT INFORMATION:

13. Product/Residual Sludge/Rinsate Transporter

Name: FOSS ENVIRONMENTAL EPA ID#: CAR000030114  
Hauler License #: 114013 License Exp. Date: 3-31-09  
Address: 1605 FERRY POINT  
ALAMEDA, CA 94501

14. Product/Residual Sludge/Rinsate Disposal Site

Name: RIVERBANK OIL TRANSFER LLC EPA ID#: CAL 000 190-816  
Address: 5300 CLAYS RD. PO BOX 759  
RIVERBANK, CA 95367

15. Tank & Piping Transporter

Name: FOSS ENVIRONMENTAL EPA ID#: CAR 0000 30114  
Address: 1605 FERRY POINT  
ALAMEDA, CA 94501

16. Tank & Piping Disposal Site

Name: FORWARD LANDFILL EPA ID#: CAD 990-799-133  
Address: 999 SOUTH AUSTIN ROAD  
MANTECA, CA 95336

17. Sample Collector

Name: WEISS ASSOCIATES EPA ID#: \_\_\_\_\_  
Address: 5801 CHRISTIE AVE #600  
EMERYVILLE, CA 94608

**REVIEWED**  
CITY OF LIVERMORE  
BUILDING DIVISION

AUG 26 2003

18. Laboratory

BY: ED HAINES

Name: STL SAN FRANCISCO EPA ID#: 2996  
Address: 1230 QUARRY LN  
PLEASANTON, CA 94566

CLOSURE REPORT:

A final closure report must be submitted within 60 days of tank closure which describes the closure activities, presents the sample analysis results including copies of lab reports and chain of custody, and documents the final disposal of waste materials, tanks, and piping including one copy of the waste manifests.

Questions for the Fire Department can be addressed to Paul Smith (925-454-2339, [psmith@lpfire.org](mailto:psmith@lpfire.org)), John Rigter (925-454-2337, [jrigter@lpfire.org](mailto:jrigter@lpfire.org)), Danielle Stefani (925-454-2338, [dstefani@lpfire.org](mailto:dstefani@lpfire.org))



**UNIFIED PROGRAM CONSOLIDATED FORM**  
**UNDERGROUND STORAGE TANK FACILITY FORM**



*(one page per site)*

- TYPE OF ACTION (Check one item only)
- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> 1. NEW SITE PERMIT | <input type="checkbox"/> 3. RENEWAL PERMIT         | <input type="checkbox"/> 5. CHANGE OF INFORMATION (Specify change) -<br>(local use only) _____ | <input type="checkbox"/> 7. PERMANENTLY CLOSED SITE |
| <input type="checkbox"/> 4. AMENDED PERMIT  | <input type="checkbox"/> 6. TEMPORARY SITE CLOSURE | <input checked="" type="checkbox"/> 8. TANK REMOVED  |   |

400

**I. FACILITY / SITE INFORMATION**

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) <b>HEXCEL CORPORATION</b>		FACILITY ID # <b>BUILDING 77</b>	
NEAREST CROSS STREET <b>1st St. / NORTH MINES ROAD</b>		FACILITY OWNER TYPE <input checked="" type="checkbox"/> 1. CORPORATION <input type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 3. PARTNERSHIP	
BUSINESS TYPE <input type="checkbox"/> 1. GAS STATION <input type="checkbox"/> 3. FARM <input type="checkbox"/> 5. COMMERCIAL <input type="checkbox"/> 2. DISTRIBUTOR <input type="checkbox"/> 4. PROCESSOR <input checked="" type="checkbox"/> 6. OTHER		<input type="checkbox"/> 4. LOCAL AGENCY/DISTRICT* <input type="checkbox"/> 5. COUNTY AGENCY* <input type="checkbox"/> 6. STATE AGENCY* <input type="checkbox"/> 7. FEDERAL AGENCY*	
TOTAL NUMBER OF TANKS AT SITE <b>6</b>	is facility on Indian Reservation or trustlands? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*If owner of UST a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records.)	

403

406

**II. PROPERTY OWNER INFORMATION**

PROPERTY OWNER NAME <b>HEXCEL CORPORATION</b>		407	PHONE <b>925-447-1001</b>	408
MAILING OR STREET ADDRESS <b>75 NORTH MINES ROAD</b>				
CITY <b>LIVERMORE</b>		410	STATE <b>CA</b>	411
		ZIP CODE <b>94550</b>		412
PROPERTY OWNER TYPE <input checked="" type="checkbox"/> 1. CORPORATION <input type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 3. PARTNERSHIP		<input type="checkbox"/> 4. LOCAL AGENCY / DISTRICT <input type="checkbox"/> 5. COUNTY AGENCY		413
		<input type="checkbox"/> 6. STATE AGENCY <input type="checkbox"/> 7. FEDERAL AGENCY		

**III. TANK OWNER INFORMATION**

TANK OWNER NAME <b>SAME - SEE ABOVE</b>		414	PHONE	415
MAILING OR STREET ADDRESS				
CITY		417	STATE	418
		ZIP CODE		419
TANK OWNER TYPE <input type="checkbox"/> 1. CORPORATION <input type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 3. PARTNERSHIP		<input type="checkbox"/> 4. LOCAL AGENCY / DISTRICT <input type="checkbox"/> 5. COUNTY AGENCY		420
		<input type="checkbox"/> 6. STATE AGENCY <input type="checkbox"/> 7. FEDERAL AGENCY		

**IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER**

TY (TK) HQ	4	4	-	-	-	-	-	-	-	Call (916) 322-9669 if questions arise	421
------------	---	---	---	---	---	---	---	---	---	--	-----

**V. PETROLEUM UST FINANCIAL RESPONSIBILITY**

INDICATE METHOD(S)		<input type="checkbox"/> 1. SELF-INSURED	<input type="checkbox"/> 4. SURETY BOND	<input type="checkbox"/> 7. STATE FUND	<input type="checkbox"/> 10. LOCAL GOVT MECHANISM
		<input type="checkbox"/> 2. GUARANTEE	<input type="checkbox"/> 5. LETTER OF CREDIT	<input type="checkbox"/> 8. STATE FUND & CFO LETTER	<input type="checkbox"/> 99. OTHER
		<input checked="" type="checkbox"/> 3. INSURANCE	<input type="checkbox"/> 6. EXEMPTION	<input type="checkbox"/> 9. STATE FUND & CD	

**REVIEWED**  
**CITY OF LIVERMORE**  
**BUILDING DIVISION**  
**AUG 26 2003**

422

**VI. LEGAL NOTIFICATION AND MAILING ADDRESS**

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked.

<input checked="" type="checkbox"/> 1. FACILITY	<input type="checkbox"/> 2. PROPERTY OWNER	<b>ED HAINES</b>	423
---	--	------------------	-----

**VII. APPLICANT SIGNATURE**

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT <i>Melissa Tombleson</i>	DATE <b>8/15/03</b>	424	PHONE <b>5104806124</b>	425
NAME OF APPLICANT (print) <b>Melissa Tombleson</b>	TITLE OF APPLICANT <b>Project Engineer</b>	426		427

STATE UST FACILITY NUMBER (For local use only)	428	1998 UPGRADE CERTIFICATE NUMBER (For local use only)	429
--	-----	--	-----



**UNIFIED PROGRAM CONSOLIDATED FORM**  
**UNDERGROUND STORAGE TANK FORM**



**PAGE 1**  
*(two pages per tank)*

TYPE OF ACTION (Check one item only)  1. NEW SITE PERMIT  2. RENEWAL PERMIT  3. AMENDED PERMIT (Specify reason - local use only)  4. AMENDED PERMIT (Specify reason - local use only)  5. CHANGE OF INFORMATION (Specify change - local use only)  6. TEMPORARY SITE CLOSURE  7. PERMANENTLY CLOSED SITE  8. TANK REMOVED

Page \_\_\_\_\_ of \_\_\_\_\_

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) HEXCEL CORPORATION FACILITY ID # LIVERMORE SITE

LOCATION WITHIN SITE (Optional) BUILDING 77 431

**I. TANK DESCRIPTION**

TANK ID # UNKNOWN 432 TANK MANUFACTURER UNKNOWN 433 COMPARTMENTALIZED TANK  Yes  No 43  
 DATE INSTALLED (YEAR/MO) UNKNOWN 435 TANK CAPACITY IN GALLONS UNKNOWN 436 NUMBER OF COMPARTMENTS UNKNOWN 437  
 If "Yes", complete one page for each compartment

ADDITIONAL DESCRIPTION (For local use only) TANK ASSUMED TO EXIST DUE TO LEAKING FILL PIPES 438

**II. TANK CONTENTS**

TANK USE 439 PETROLEUM TYPE 440

1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)  1a. REGULAR UNLEADED  2. LEADED  5. JET FUEL  
 2. NON-FUEL PETROLEUM  1b. PREMIUM UNLEADED  3. DIESEL  6. AVIATION FUEL  
 3. CHEMICAL PRODUCT  1c. MIDGRADE UNLEADED  4. GASOHOL  99. OTHER DIESEL/MOTOR OIL  
 4. HAZARDOUS WASTE (Includes Used Oil)  95. UNKNOWN

COMMON NAME (from Hazardous Materials Inventory page) 441 DIESEL RANGE ORGANICS, MOTOR OIL  
KEROSENE, UNIDENTIFIED HYDROCARBONS CAS # (from Hazardous Materials Inventory page) 442

**III. TANK CONSTRUCTION**

TYPE OF TANK (Check one item only)  1. SINGLE WALL  3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER  5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM  95. UNKNOWN 443  
 2. DOUBLE WALL  4. SINGLE WALL IN A VAULT  99. OTHER

TANK MATERIAL - primary tank (Check one item only)  1. BARE STEEL  3. FIBERGLASS / PLASTIC  5. CONCRETE  95. UNKNOWN 444  
 2. STAINLESS STEEL  4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)  8. FRP COMPATIBLE W/100% METHANOL  99. OTHER

TANK MATERIAL - secondary tank (Check one item only)  1. BARE STEEL  3. FIBERGLASS / PLASTIC  8. FRP COMPATIBLE W/100% METHANOL  95. UNKNOWN 445  
 2. STAINLESS STEEL  4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)  9. FRP NON-CORRODIBLE JACKET  99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only)  1. RUBBER LINED  3. EPOXY LINING  5. GLASS LINING  95. UNKNOWN 446 DATE INSTALLED 447  
 2. ALKYD LINING  4. PHENOLIC LINING  6. UNLINED  99. OTHER

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only)  1. MANUFACTURED CATHODIC PROTECTION  3. FIBERGLASS REINFORCED PLASTIC  95. UNKNOWN 449  
 2. SACRIFICIAL ANODE  4. IMPRESSED CURRENT  99. OTHER

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 450 TYPE (For local use only) 451 OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452

1. SPILL CONTAINMENT  2. DROP TUBE  3. STRIKER PLATE

1. ALARM  2. BALL FLOAT  3. FILL TUBE SHUT OFF VALVE  4. EXEMPT

BY: ED HAINES

**IV. TANK LEAK DETECTION**

IF SINGLE WALL TANK (Check all that apply): 453

1. VISUAL (EXPOSED PORTION ONLY)  5. MANUAL TANK GAUGING (MTG)  
 2. AUTOMATIC TANK GAUGING (ATG)  6. VADOSE ZONE  
 3. CONTINUOUS ATG  7. GROUNDWATER  
 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING  8. TANK TESTING  
 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454

1. VISUAL (SINGLE WALL IN VAULT ONLY)  2. CONTINUOUS INTERSTITIAL MONITORING  3. MANUAL MONITORING

**V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE**

ESTIMATED DATE LAST USED (YR/MO/DAY) 455 UNKNOWN - BEFORE 1967 ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 UNKNOWN gallons TANK FILLED WITH INERT MATERIAL? 457  Yes  No

**REVIEWED**  
 CITY OF LIVERMORE  
 BUILDING DIVISION  
 AUG 26 2003

# UNDERGROUND STORAGE TANK FORM

PAGE 2

(two pages per tank)

VI. PIPING CONSTRUCTION (Check all that apply)			
UNDERGROUND PIPING		ABOVEGROUND PIPING	
SYSTEM TYPE	<input type="checkbox"/> 1. PRESSURE <input type="checkbox"/> 2. SUCTION <input type="checkbox"/> 3. GRAVITY	458	<input type="checkbox"/> 1. PRESSURE <input type="checkbox"/> 2. SUCTION <input type="checkbox"/> 3. GRAVITY
CONSTRUCTION/MANUFACTURER	<input type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 3. LINED TRENCH <input type="checkbox"/> 99. OTHER	460	<input checked="" type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 95. UNKNOWN
	<input type="checkbox"/> 2. DOUBLE WALL <input checked="" type="checkbox"/> 95. UNKNOWN	461	<input type="checkbox"/> 2. DOUBLE WALL <input type="checkbox"/> 99. OTHER
MATERIALS AND CORROSION PROTECTION	<input type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 6. FRP COMPATIBLE W/ 100% METHANOL		<input checked="" type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 6. FRP COMPATIBLE W/ 100% METHANOL
	<input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 7. GALVANIZED STEEL		<input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 7. GALVANIZED STEEL
	<input type="checkbox"/> 3. PLASTIC COMPATIBLE WITH CONTENTS <input checked="" type="checkbox"/> 95. UNKNOWN		<input type="checkbox"/> 3. PLASTIC COMPATIBLE WITH CONTENTS <input type="checkbox"/> 9. FLEXIBLE (HDPE) <input type="checkbox"/> 99. OTHER
	<input type="checkbox"/> 4. FIBERGLASS <input type="checkbox"/> 8. FLEXIBLE (HDPE) <input type="checkbox"/> 99. OTHER		<input type="checkbox"/> 4. FIBERGLASS <input type="checkbox"/> 9. CATHODIC PROTECTION
	<input type="checkbox"/> 5. STEEL W/ COATING <input type="checkbox"/> 9. CATHODIC PROTECTION	464	<input type="checkbox"/> 5. STEEL W/ COATING <input type="checkbox"/> 95. UNKNOWN

VII. PIPING LEAK DETECTION (Check all that apply)	
UNDERGROUND PIPING	ABOVEGROUND PIPING
SINGLE WALL PIPING 466	SINGLE WALL PIPING 467
<b>PRESSURIZED PIPING (Check all that apply)</b>	<b>PRESSURIZED PIPING (Check all that apply)</b>
<input type="checkbox"/> 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS	<input type="checkbox"/> 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST	<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST
<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1 GPH)
<b>CONVENTIONAL SUCTION SYSTEMS</b>	<b>CONVENTIONAL SUCTION SYSTEMS (Check all that apply)</b>
<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
<b>SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING)</b>	<b>SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING)</b>
<input type="checkbox"/> 7. SELF MONITORING	<input type="checkbox"/> 7. SELF MONITORING
<b>GRAVITY FLOW</b>	<b>GRAVITY FLOW (Check all that apply)</b>
<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 8. DAILY VISUAL MONITORING
	<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)
<b>SECONDARILY CONTAINED PIPING</b>	<b>SECONDARILY CONTAINED PIPING</b>
<b>PRESSURIZED PIPING (Check all that apply)</b>	<b>PRESSURIZED PIPING (Check all that apply)</b>
10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)	10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (check one)
<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS	<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION	<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF	<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF
<input type="checkbox"/> 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION	<input type="checkbox"/> 11. AUTOMATIC LEAK DETECTOR
<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)
<b>SUCTION/GRAVITY SYSTEM</b>	<b>SUCTION/GRAVITY SYSTEM</b>
<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS
<b>EMERGENCY GENERATORS ONLY (Check all that apply)</b>	<b>EMERGENCY GENERATORS ONLY (Check all that apply)</b>
<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS	<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS
<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION	<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)
<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)
<input type="checkbox"/> 17. DAILY VISUAL CHECK	<input type="checkbox"/> 17. DAILY VISUAL CHECK

**REVIEWED**  
CITY OF LIVERMORE  
BUILDING DIVISION

AUG 26 2003

BY: ED HAINES

VIII. DISPENSER CONTAINMENT			
DISPENSER CONTAINMENT	<input type="checkbox"/> 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE		<input type="checkbox"/> 4. DAILY VISUAL CHECK
DATE INSTALLED	<input type="checkbox"/> 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	468	<input type="checkbox"/> 5. TRENCH LINER / MONITORING
	<input type="checkbox"/> 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS		<input checked="" type="checkbox"/> 6. NONE

IX. OWNER/OPERATOR SIGNATURE			
I certify that the information provided herein is true and accurate to the best of my knowledge.			
SIGNATURE OF OWNER/OPERATOR		DATE	
<i>Melissa Tumbleson</i>	For Hexcal	8/15/03	470
NAME OF OWNER/OPERATOR (print)		TITLE OF OWNER/OPERATOR	
Melissa Tumbleson	471	Project Engineer	472
Permit Number (For local use only)	Permit Approved (For local use only)	Permit Expiration Date (For local use only)	
473	474	475	





BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

# COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Regulation 8  
Rule 40

## REMOVAL OF UNDERGROUND STORAGE TANKS OR TREATMENT OF CONTAMINATED SOIL

### SITE OF ACTIVITY

Site Address: 75 NORTH MINES ROAD City & Zip: LIVERMORE 94550 Site#: Bldg 77  
 Specific Location of Project within Address: Bldg 77; NE side  
 Owner/Operator: HEXCEL CORPORATION

Check any that apply (400 numbers refer to regulation section requiring reporting):

- Tank Removal or Replacement (401)  Contaminated Soil Excavation and Removal (402)
- Aeration of Soil < 50 ppmw organic content, but does not meet Section 118 Exemption (403)
- Section 114 Exempt; Date Pipeline Leak Started: \_\_\_\_\_ Vol. Of Soil: \_\_\_\_\_ (403)
- Section 115 Exempt; Date Contamination Unrelated to UST Activities Discovered: \_\_\_\_\_ (405)

If only Tank Removal is selected, attach results showing soil is not contaminated

### CONTRACTOR INFORMATION

Name: WEISS ASSOCIATES Site Contact: JIM MARTIN Phone: 510 220 0174  
 Address: 5801 CHRISTIE AVE, #600, EMERYVILLE, CA 94608

### TANK REMOVAL (Section 401)

Scheduled Start Date: \_\_\_\_\_ Number and Size of Tank(s): \_\_\_\_\_

Explain Methods of:

Piping drainage or flushing (310.1) WATER FLUSHING - VACUUM TRUCK  
 Liquid and sludge removal (310.2) VACUUM TRUCK

Vapor removal (310.3) [Check One]  Water Displacement  Vapor Freeing\*  Ventilation\*

\* Emission controls required for vapor freeing or ventilation if tank size greater than 250 gallons.

COMPLETE INFORMATION BELOW OR ATTACH SAMPLE RESULTS SHOWING SOIL IS UNCONTAMINATED (310.4)

### CONTAMINATED SOIL EXCAVATION AND REMOVAL (Section 402)

Scheduled Start Date: 8-25-03 Scheduled Completion Date: 8-29-03

Purpose of Excavation: REMOVAL OF ANY CONTAMINATED SOIL ASSOCIATED W/TANK

Quantity of Soil: UNKNOWN Organic Content & Type: Hydrocarbons: Diesel/Motor Oil

Methods used to quantify and analyze soil: TPH-G, TPH-D, BTEX, O&G + VOCs

Method of Stockpile Control (304-306)

Water Spray  Covered  Vapor Suppressant (List Material Used): \_\_\_\_\_

Method of Site Closure (306)

Backfilled  Contaminated Soil Removed

Onsite Treatment (Describe): \_\_\_\_\_ A/C or P/O #: \_\_\_\_\_

Loaded Trucks Covered? (306.2)  Yes  No

### AERATION OF SOIL < 50 PPMW ORGANIC CONTENT (Section 403)

You must submit a Permit Application and Risk Screening Analysis (Forms will be sent to you)

### FOR BAAQMD USE ONLY

Fax/PM Date:	By:	Disp to I#:	Area:	Date:	By:
Inv Req Date:	By:	Fwd to Supv.		Date:	By:



<b>OTHER PUBLIC AGENCY CONTACTED</b> (Fire District, Hazardous Materials, City or County)?	
Agency Name: <i>LIVERMORE - Pleasanton Fire Dept</i>	Contact Name: <i>Daniel Stefani</i>
Address: <i>3560 Nevada St. Pleasanton 94566</i>	Phone: <i>925 454 2338</i>
<b>EMERGENCY REMOVAL ORDER APPLICABLE?</b>	
Agency Name:	Contact Name:
Address:	Phone:

H:\Pub\_data\Janet\Reg 8-40\forms\notifdraft3.doc

**GENERAL INFORMATION**

- This notification form shall be used to notify the BAAQMD of any projects subject to the reporting requirements in Regulation 8, Rule 40, Sections 401 through 405. Notifications may be faxed to (415) 928-0338 or mailed to the address listed at the bottom of this form.
- An invoice for payment will be sent to the person listed under "Contractor Information" as the person responsible, unless the project is exempt from fee payment (see next item).
- See "Frequently Asked Questions" (FAQ) for definition of projects, change procedures, permit requirements, emergency conditions, project exemptions, and fee exemptions. For any questions not answered in the FAQ, contact the Compliance Assistance Counselor at (415) 749-4999.

**INSTRUCTIONS**

- **SITE OF ACTIVITY:** Give the site street address and indicate if it has any existing BAAQMD site number, for either a plant or GDF. Identify the specific project location if the site contains more than one building. Indicate all applicable activity types by checking appropriate boxes. For reporting requirements under Sections 401 through 403, additional information is required, as below.
- **CONTRACTOR INFORMATION:** Identify the contractor that is responsible for performing the work at the site location listed. This contractor is also responsible for payment of the applicable notification fee, if the project is not exempt.
- **SECTION 401 - TANK REMOVAL/REPLACEMENT:** All soils disturbed and/or excavated as part of the tank removal shall be subject to the requirements of Sections 304 through 306, unless the soil has been determined not to be contaminated by measurement of organic content using the procedures in Sections 601 and 602. Complete requirements for Section 402 or submit sample results showing that the soil is not contaminated.
- **SECTION 402 - CONTAMINATED SOIL EXCAVATION AND REMOVAL:**
  - Be as accurate as possible for the Scheduled Start and Completion Dates. Specific requirements apply for excavation projects triggered within either 45 or 90 days (Reg. 8-40-306.4) and Authority to Construct requirements for projects lasting longer than three months (Reg. 2-1-128.16).
  - If a vapor suppressant is used, attach a product data sheet or MSDS.
  - If Method of Site Closure used is Onsite Treatment, describe specific method, (e.g., bioremediation, vapor extraction, air sparging, thermal desorption, etc.).
  - If Onsite Treatment is used, indicate whether an Authority to Construct was obtained by providing the Application No. or attach copy of BAAQMD Certification of Exemption.
- **SECTION 403 – AERATION OF SOIL < 50 PPMW ORGANIC CONTENT:** Section 301 exempts from control the aeration of soil containing less than 50 ppmw of organic compounds, but Section 403 still requires reporting of ANY soil aeration. If such a project does not meet the exemption criteria of Section 118, then a Permit Application and Risk Screening Analysis must be submitted.
- **EMERGENCY REMOVAL INFORMATION (IF APPLICABLE):** The rule defines an emergency tank removal or excavation of contaminated soil as "carried out pursuant to an order of a state or local government agency issued because the contaminated soil poses an imminent threat to public health and safety." If the project(s) meet this definition, then identify the agency that issued the order. Under Section 402 requirements, on line two, identify the purpose as indicated in the order.

**ATTACHMENT C**

**WASTE MANIFESTS**



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7350

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA1005873395274141</b>	Manifest Document No. <b>141</b>	2. Page 1 of 1	Information in the shaded areas is not required by Federal law. <b>EESA</b>
3. Generator's Name and Mailing Address <b>HEXAL CORP 75 NORTH MINES RD LIVERMORE, CA 94550</b>			State Manifest Document Number <b>22674141</b>		
4. Generator's Phone <b>J.R. (510) 925-447-1001</b>			State Generator ID		
5. Transporter 1 Company Name <b>EVERGREEN ENVIRONMENTAL SERVICES</b>		6. US EPA ID Number <b>CA1D0802413262</b>		State Transporter ID (Reserved)	
7. Transporter 2 Company Name		8. US EPA ID Number		State Transporter ID (Reserved)	
9. Designated Facility Name and Site Address <b>EVERGREEN OIL, INC. 6880 Smith Avenue Newark, CA 94560</b>			10. US EPA ID Number <b>CA1D080807418</b>		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers		14. Unit
a. <b>(OIL AND WATER) NON-RCRA HAZARDOUS WASTE, LIQUID</b>			No.	Type	Wt/Vol
			<b>001</b>	<b>T T</b>	<b>20400 G</b>
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information <b>24 Hour Emergency Response Telephone No.: CHEMTREC 1-800-424-9300 DOT ERG 171 WEAR PROTECTIVE EQUIPMENT</b>			Invoice # <b>151335</b> Sales Order #		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>MARY HARVEY</b>		Signature <i>Mary Harvey</i>		Month Day Year <b>08 28 03</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>John Fother</i>		Signature <i>John Fother</i>		Month Day Year <b>08 28 03</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature	
				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CA1005878395243922	Manifest Document No. of 1	2. Page 1	Information in the shaded areas is not required by Federal law.
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3. Generator's Name and Mailing Address <b>HEXCEL CORPORATION 75 NORTH MIRES RD. LIVERMORE, CA. 94550</b>	A. State Manifest Document Number <b>22543922</b>
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4. Generator's Phone <b>925 447-1001</b>	B. State Generator's ID
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5. Transporter 1 Company Name <b>FOSS ENVIRONMENTAL SERVICES</b>	6. US EPA ID Number CA2000030114	C. State Transporter's ID [Reserved.]
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7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone <b>510-749-1390</b>
-------------------------------	---------------------	---

9. Designated Facility Name and Site Address <b>DK ENVIRONMENTAL 3650 EAST 26TH ST VERNON, CA 90023</b>	10. US EPA ID Number CA1080033681	E. State Transporter's ID [Reserved.]
--	--------------------------------------	---------------------------------------

G. State Facility's ID CA1080033681	H. Facility's Phone <b>823-268-5056</b>
--	--

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
	No.	Type			
a. <b>NON-RCRA Hazardous Waste Sol/Liquids (used oil)</b>	004	DM	01220	G	State: <b>221</b> EPA/Other: <b>NA</b>
b. "					State EPA/Other
c. "					State EPA/Other
d. "					State EPA/Other

J. Additional Descriptions for Materials Listed Above <b>330910-01</b>	K. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information  
**Disposal P/O AB0732-04**  
**EMERGENCY CONTACT: FOSS ENVIRONMENTAL SERVICES 24h-7h 510-749-1390**

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

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

Printed/Typed Name <b>Paul Garcia</b>	Signature 	Month Day Year <b>09 02 03</b>
--	---------------	-----------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials	Printed/Typed Name <b>ABEL PASTOR</b>	Signature 	Month Day Year <b>09 02 03</b>
---	--	---------------	-----------------------------------

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

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.	Printed/Typed Name <b>MIKE FOX</b>	Signature 	Month Day Year <b>09 10 03</b>
---	---------------------------------------	---------------	-----------------------------------

DO NOT WRITE BELOW THIS LINE.

White: TSDf SENDS THIS COPY TO DTSC WITHIN 30 DAYS  
 To: P.O. Box 3000, Sacramento, CA 95812

IN CASE OF EMERGENCY: CALL THE NATIONAL RESPONSE CENTER: 800-424-8802  
 GENERATOR  
 TRANSPORTER  
 FACILITY



# CERTIFICATE OF TREATMENT/RECYCLING

PRESENTED TO

***HEXCEL CORPORATION***

**Manifest No: 22543922**

**Date: 09/10/03**

The waste stream(s) received on the above manifest has been treated/handled to standards mandated by the applicable federal and/or state regulations. Waste treatment is performed under permits granted to D/K ENVIRONMENTAL, a California corporation, by the California EPA in coordination with the U.S. Environmental Protection Agency, in the accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations.

When the above described material is accepted by D/K ENVIRONMENTAL, the responsibility for the material becomes that of D/K ENVIRONMENTAL for the treatment/recycling.

**Issued By**

**D/K ENVIRONMENTAL**

**Signed:**

*Joseph P. Balfour*

**Date:** 09/10/03



WAHEGURI

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA 058783952	Manifest Doc. No.	2. Page 1 of
3. Generator's Name and Mailing Address HEXCEL CORPORATION 75 NORTH MINES RD LIVERMORE, CA 94550				
4. Generator's Phone (925) 447-1001				
5. Transporter 1 Company Name NORTHERN TRUCK EQUIPMENT	6. US EPA ID Number	A. Transporter's Phone		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address ALLIED WASTE 9999 SOUTH AUSTIN DR MANTENA, CA 95336	10. US EPA ID Number	C. Facility's Phone		
11. Waste Shipping Name and Description		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZARDOUS WASTE SOLID SOIL w/HEATING OIL		001 DT	0.0018	T
b.				
c.				
d. 3772				
D. Additional Descriptions for Materials Listed Above		E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name MARY HARVEY		Signature 		Month Day Year 09/30/03
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name RANNIK SINGH		Signature 
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature
19. Discrepancy Indication Space				
20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name 		Signature 		Month Day Year 09/30/03

GENERATOR  
TRANSPORTER  
FACILITY





# FORWARD INCORPORATED

South Austin Road/WEIGHING LOCATION P.O. Box 6336  
 Lodi, CA 95336 Stockton, CA 95206  
 Office: (209) 982-4298 / WEIGHING LOCATION Main Office: (209) 466-4482  
 Source Recovery: (209) 982-4936 Fax: (209) 465-0631

009772  
 FOSS ENVIRONMENTAL  
 RICH LODGE  
 1605 FERRY POINT  
 ALMEDA, CA 94501  
 Contact: 3772#

SITE	TICKET	GRID
01	276174	
WEIGHMASTER		
MARIA D		
DATE IN	TIME IN	
30 September 2003	11:43 am	
DATE OUT	TIME OUT	
30 September 2003	11:43 am	
VEHICLE	ROLL OFF	
WAHE 105		
REFERENCE	ORIGIN	
	LIVERMORE	

Inbound - SCALE TICKET

Gross Weight 55,140.00 LB  
 Stored Tare Weight 29,680.00 LB  
 Net Weight 25,460.00 LB 12.73 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.73	TN	11 CLASS II SOIL				

**WEIGHMASTER CERTIFICATE** THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NET AMT  
 TENDER  
 CHAN  
 CHECK

MANIFEST #NONE

DRIVER'S SIGNATURE

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

2. Page 1 of

3. Generator's Name and Mailing Address

**MEXCEL CORPORATION**  
75 NORTH MINES RD. LIVERMORE, CA 94550

4. Generator's Phone (925) 447-1001

6. US EPA ID Number

A. Transporter's Phone

5. Transporter 1 Company Name

**NORTHERN TRUCK EQUIPMENT**

510-889-7828

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

8. Designated Facility Name and Site Address

**ALLIED WASTE**  
9999 SOUTH AUSTIN DR.  
MANTECA, CA 95336

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. NON-HAZARDOUS WASTE SOLID

001 DT 90018 T

b.  
c.  
d.

D. Additional Descriptions for Materials Listed Above

SOIL CONTAMINATED W/HEATING OIL

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

PROFILE # 3772

JOB # A30732

EMERGENCY RESPONSE CONTACT: FOSS ENVIRONMENTAL SERVICES 510-749-1390

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

MARY HARVEY

Signature

*Mary Harvey*

Month Day Year  
10 30 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

HUNTER PAUL D

Signature

*Paul D Hunter*

Month Day Year  
10 9 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

*P. J. Demmon*

Month Day Year  
9 30 03

TRANSPORTER #1



# FORWARD INCORPORATED

South Austin Road/WEIGHING LOCATION  
 Stockton, CA 95206  
 Phone: (209) 982-4298 / WEIGHING LOCATION  
 Waste Recovery: (209) 982-4936

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

003772  
 FOSS ENVIRONMENTAL  
 RICH LODGE  
 1605 FERRY POINT  
 ALMEDA, CA 94501  
 Contract: 3772#

SITE	TICKET	GRID
01	3726997	WEIGHMASTER
MARIA D		TIME IN
DATE IN		4:11 PM
30 September 2003		TIME OUT
DATE OUT		4:11 PM
30 September 2003		ROLL OFF
VEHICLE		
NORTH 88 REFERENCE		ORIGIN
		LIVERMORE

Inbound - SCALE TICKET

Gross Weight 74,720.00 LB  
 Stored Tare Weight 30,140.00 LB  
 Net Weight 44,580.00 LB 22.29 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
22.29	TN	11 CLASS II SOIL				

**WEIGHMASTER CERTIFICATE** THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

NET AMT  
 TENDE  
 CHAN  
 CHECK

MANIFEST #NONE

DRIVER'S SIGNATURE

### NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1 of

3. Generator's Name and Mailing Address

HEXCEL CORPORATION  
75 NORTH MINNESOTA RD. LIVERMORE, CA. 94550

4. Generator's Phone (925) 447-1001

5. Transporter 1 Company Name

NORTHERN TRUCK EQUIPMENT

6. US EPA ID Number

A. Transporter's Phone

570-889-7828

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

ALLIED WASTE  
9099 SOUTH AUSTIN DR.  
MANTONA, CA. 95336

10. US EPA ID Number

C. Facility's Phone

11. Waste Shipping Name and Description

a. NON HAZARDOUS WASTE SOLID

12. Containers  
No. Type

13. Total Quantity

14. Unit WWVol

001 DT 0.0018 T

D. Additional Descriptions for Materials Listed Above

SOIL CONTAMINATION W/HEAVY OIL

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

PROFIC # 3772

SOS # A30732

EMERGENCY RESPONSE CONTACT: FOSS ENVIRONMENTAL SERVICES 570-749-1390

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

MARY HARVEY

Signature

*Mary Harvey*

Month Day Year

09 30 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

HUNTER PAUL D

Signature

*Paul Hunter*

Month Day Year

09 30 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

*[Signature]*

Signature

*[Signature]*

Month Day Year

09 30 03

GENERATOR

TRANSPORTER

FACILITY



# FORWARD INCORPORATED

1 South Austin Road/WEIGHING LOCATION  
 Lodi, CA 95336  
 Phone: (209) 982-4298 / WEIGHING LOCATION  
 Source Recovery: (209) 982-4936  
 003772

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

FOSS ENVIRONMENTAL  
 RICH LODGE  
 1605 FERRY POINT  
 ALMEDA, CA 94501  
 Contract: 3772#

SITE 01	TICKET 276207	GRID
WEIGHMASTER		
NANCY		
DATE IN	30 September 2003	TIME IN 12:20 pm
DATE OUT	30 September 2003	TIME OUT 12:20 pm
VEHICLE	NORTH 88	ROLL OFF
REFERENCE	LIVERMORE	ORIGIN

Inbound - SCALE TICKET

Gross Weight 74,880.00 LB  
 Stored Tare Weight 30,140.00 LB  
 Net Weight 44,740.00 LB 22.37 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
22.37	TN	11 CLASS II SOIL				

**WEIGHMASTER CERTIFICATE** THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

MANIFEST #NONE

DRIVER'S SIGNATURE

*Paul Hunt*

- NET AMT
- TENDE
- CHAN
- CHECK

Sunquest Properties, Inc.  
415-468-6676

.....  
**facsimile transmittal**

**To:** Jim Martin

**Fax:** 510-450-6126

**From:** James Rios

**Date:** 10/28/03

**Re:** O & M Report

**Pages:** 2

**CC:** Jason Lin

Urgent

For Review

Please Comment

Please Reply

Please Recycle

.....  
Attached is a copy of the Sept. 2, 2003 Manifest for exhausted AC from the GW Treatment System. Jason requested that I send you a copy.

**ATTACHMENT D**

**UNDERGROUND TANK CLOSURE CHECKLIST**

**ATTACHMENT D**

**UNDERGROUND TANK CLOSURE CHECKLIST**



FOR FOSS ENVIRONMENTAL  
 - ARON GRADVA

UNDERGROUND TANK CLOSURE CHECKLIST

FOR WEISS (CONSULTANT)  
 - JIM MARTIN  
 - CHRIS REDMOND

Business Name: HEXCEL Date: 8/29/03  
 Business Address: 75 NORTH MINES ROAD L.V. # Tanks being removed: 1  
 Tank #1 Size: 1500 GALLON Contents: BUNKER OIL  
 Tank #2 Size: / Contents: /  
 Tank #3 Size: / Contents: /  
 Tank #4 Size: / Contents: /

- Tank closure permit has been obtained and is on site.  Yes  No
  - Any changes from approved closure plan? \_\_\_\_\_
  - A 40 B:C fire extinguisher on site?  Yes  No
  - A residual material removed from tank?  Yes  No
- If yes, have residuals been properly contained for off-site transport?  Yes  No

Name of Facility and location: DIV. ENVIRONMENTAL, 3650 E 26<sup>TH</sup> ST VERBON CA 90023

- Observed receipt for dry ice?  Yes  No

	#1	#2	#3	#4
Number of pounds of dry ice in each tank?	<u>5005</u>	<u>/</u>	<u>/</u>	<u>/</u>

- Contractor has calibrated combustible gas detector in presence of inspector?  Yes  No

Comments: was calibrated 7/16/03

- Combustible gas readings/oxygen readings:

Take three measurements, one near the top, center and bottom of tank and report the findings:

Tank #	# of Dry Ice	% LEL (top)	% LEL (mid)	% LEL (bottom)	% O <sub>2</sub> (top)	% O <sub>2</sub> (mid)	% O <sub>2</sub> (bottom)	OK to remove?
1	<u>5005</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>4.1</u>	<u>3.6</u>	<input checked="" type="checkbox"/>
2	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
3	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
4	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>

Tank cannot be pulled if concentration of flammable vapors exceeds 20% of the LEL of the material in the tank or the oxygen concentration exceeds 5%.

- After tank is removed, conditions of tank(s) and piping:

	Tank 1	Tank 2	Tank 3	Tank 4
Any corrosion or holes? <u>BOTTOM (1), 18" FROM NORTH END</u>	<u>YES</u>	<u>/</u>	<u>/</u>	<u>/</u>
Was the tank wrapped?	<u>NO</u>	<u>/</u>	<u>/</u>	<u>/</u>
Any hydrocarbon vapors? <u>VERY LITTLE (IN PIPETRENCH)</u>	<u>YES</u>	<u>/</u>	<u>/</u>	<u>/</u>
Any discoloration of the soil in the tank pit or along piping trench?	<u>YES</u>	<u>/</u>	<u>/</u>	<u>/</u>

Composition of backfill and other observations: NAIVE SOILS w/CLAY  
TANK IS WITH RIVETED SEAMS

9. Was there evidence of contamination which would trigger the 24-hour release reporting requirements?  Yes  No  
 If yes, was a blank copy provided to site operator?  Yes  No  
 (CONSULTANT FOR)
10. Has all obvious contamination been removed?  Yes  No

Describe details of approximately how much and where it will be disposed of? 3-5 CUBIC YARDS (APPROX)  
IN POND OR BETWEEN TANK EXCAVATION AND BUILDING

11. Is water observed in tank pit?  Yes  No If yes, a sample of the water must be taken.  
 Sample collected?  Yes  No

12. Soil samples must be collected in the tank pit under each end of the tank, a minimum of two feet into native soil.  
 Soil samples were collected according to the closure plan.  Yes  No  
 Soil samples were collected under piping at 20 ft. intervals and/or fittings.  Yes  No  
 Samples of the stockpile were taken to determine disposal options.  Yes  No

13. The samples were properly taken?  Yes  No  
 The samples were properly sealed and labeled.  Yes  No  
 The chain of custody form was observed to be properly completed?  Yes  No  
 The samples were placed in an iced chest?  Yes  No  
 Name and location of analytical laboratory SIL-PRO SERVICES CA

14. The tank pit must be filled with soil or properly barricaded to prevent unauthorized access.  
 Was the tank pit filled with:  new soil  excavated backfill - OR -  
 Was the tank pit left open pending analytical results?  Yes  No  
 Was the tank pit covered/barricaded?  Yes  No

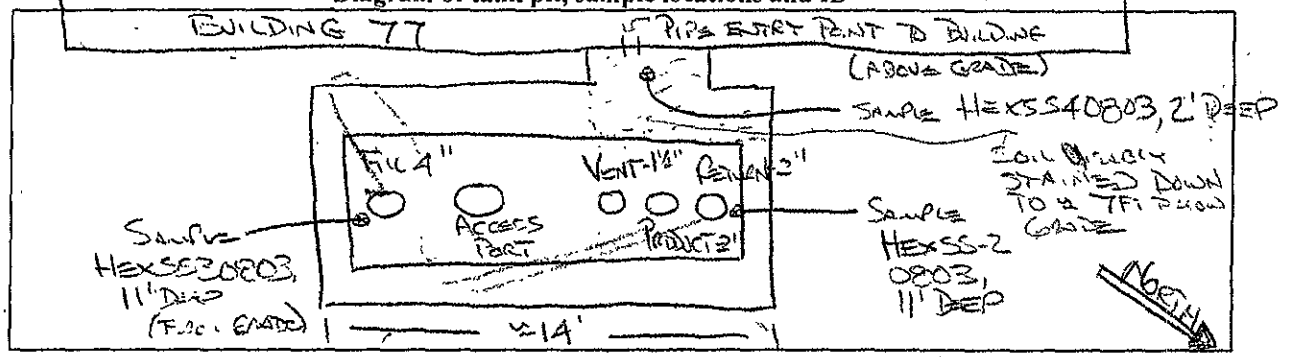
15. Tanks loaded onto hauler vehicle have identifying numbers spray painted on them?  Yes  No Placed Back in Excavation  
YES PACING SIGN I

16. Hauler provides documentation of current certification as a hazardous waste hauler.  Yes  No Next week to TSD

17. Manifest observed to be properly completed (name and address, EPA ID, hauler name, disposal site, signed and dated).  
 Name and address of disposal site: ECL-Redmond CA 2283923 (MAN#) #30241 (TANK#)

18. Were all containers, residual materials, tanks and associated piping transported off site and manifested?  Yes  No SEE ABOVE (15)

Diagram of tank pit, sample locations and ID



19. Tanks properly cleaned and certified if transported as non-hazardous waste?  Yes  No  N/A

Signed: Chris Redmond (Weiss) Date: 8/29/03 Number of hours to complete: 2.75 hrs

SOURCES:  
 - HEX550803  
 - HEX5550803

Livermore - Pleasanton  
Fire Department



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John Rigter  
Hazardous Materials Inspector

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3560 Nevada Street  
Pleasanton, CA 94566  
E-Mail: [jrigter@lpfire.org](mailto:jrigter@lpfire.org)

Office (925) 454-2337  
Fax (925) 454-2367

**ATTACHMENT E**

**UNDERGROUND STORAGE TANK UNAUTHORIZED /CONTAMINATION  
SITE 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 type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 09/03/03		CASE #		SIGNED: _____ DATE: _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Jim Martin		PHONE 510 450-6126		SIGNATURE 
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME WEISS ASSOCIATES		
	ADDRESS 5801 CHARLIE AVE., #600, EMERYVILLE, CA 94608				
RESPONSIBLE PARTY	NAME HEXCEL CORP <input type="checkbox"/> UNKNOWN		CONTACT PERSON MARY HARVEY		PHONE 1001 X 28 (925) 497-9667
	ADDRESS 75 N. MINES RD., LIVERMORE, CA 94550				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) SAME as RP		OPERATOR		PHONE ( )
	ADDRESS STREET CITY STATE ZIP				
	CROSS STREET				
IMPLEMENTING AGENCIES	LOCAL AGENCY LIVERMORE-PLEASANTON FIRE DEPT		AGENCY NAME		CONTACT PERSON JOHN RIGTER
	REGIONAL BOARD		PHONE (925) 454 2337		PHONE ( )
SUBSTANCES INVOLVED	(1) NAME HEATING OIL				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)				<input type="checkbox"/> UNKNOWN
DISCOVERY/ABATEMENT	DATE DISCOVERED 08/29/03		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input checked="" 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				
	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	TANK EXCAVATION STILL OPEN				
	_____				