URS

July 19, 2005

Mr. Dale Klettke
Port of Oakland
530 Water Street
Oakland, CA 94607

Re: Site Closure Report
Self-Fueling Facility, Taxiway U
Metropolitan Oakland International Airport
1 Airport Drive
Oakland, California

Dear Mr. Klettke:

URS Corporation (URS) is pleased to present this Site Closure Report (Report) for the Self-Fueling Facility, Taxiway U Metropolitan Oakland International Airport site (Site), located at 1 Airport Drive in Oakland, California. This Report documents the over-excavation of the former tank pits for underground storage tanks (USTs) MF-08 through MF-10 and the destruction of four monitoring wells (MW-1 through MW-4) at the Site. We understand that Alameda County Environmental Health (ACEH) will approve site closure once the following had been completed:

- Over excavation of the former tank pits for USTs MF-08 (5,000 gallon gasoline UST), MF-09 and MF-10 (1,000 gallon USTs);
- Soil and groundwater confirmation sampling; and
- Destroy the four onsite monitoring wells MW-1 through MW-4.

We understand that the "No Further Action" letter will be issued once this Site Closure Report is submitted to the ACEH.

1.0 PREFIELD ACTIVITIES

Prior to the beginning of field activities, the following tasks were conducted:

- An existing Health and Safety Plan (HASP) for this site was modified to include the over excavation and well destruction activities

Well destruction permits were obtained from the Alameda County Public Works Agency (ACPWA)

2.0 OVER EXCAVATION

On June 1, 2005, Dillard Environmental (Dillard) over-excavated the former locations for USTs MF-8 through MF-10 for sidewall soil sampling and groundwater sampling. Both locations were

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1333 Broadway, Suite 800
Oakland, CA 94612-1924
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excavated to approximately 10 ft below ground surface (ft bgs). Due to the over-excavation activities and the loose fine sand material, both excavations were irregularly shaped. Groundwater was encountered in both excavations at approximately 8 ft bgs. Groundwater that entered the excavations were removed and disposed of by Dillard using a Vacuum truck on June 1 and 2, 2005.

On June 2, 2005, a URS geologist conducted sidewall sampling in both of the excavations with the use of an excavator operated by a Dillard employee. Prior to sampling, accumulated groundwater was removed from the excavation. Three soil samples were taken from the MF-08 excavation (T1A-EX, T1B-EX, and T1C-EX) and three from the MF-09 and MF-10 excavation (T2A-EX, T2B-EX, and T3A-EX) as directed by the ACEH representative onsite (Figure 1). Prior to the sampling, a sample was placed in a Ziploc ® bag and allowed to volatilize and screened with a photonionization detector (PID) for any volatile organic compounds. PID readings were used to identify potentially contaminated soil to be removed. The soil samples were analyzed for the following:

- Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), tertiary amyl ether (TAME), di-isopropyl ether (DIPE), tertiary-butyl alcohol (TBA), dichloroethane (DCA), ethylene dibromide (EDB), and ethanol by EPA Method 8260B; and
- Total Petroleum Hydrocarbons as diesel (TPH-d), Total Petroleum Hydrocarbons as motor oil (TPH-mo), and Jet Fuel by EPA method 8015M using silica gel clean-up.

On June 3, 2005, a URS geologist conducted groundwater sampling of the water that entered into the excavations overnight. Samples were collected using a disposable bailer, then placed in two 1-liter amber jars and six 40 milliliter VOAs preserved with 10% hydrochloric acid. Samples were analyzed for the same suite of chemicals as the soil samples.

All soil and groundwater samples were labeled, placed in a cooler with ice and delivered to SevernTrent Laboratories (STL) under chain of custody (COC). Soil and groundwater analytical results are summarized in Table 1. Analytical laboratory reports are presented in Appendix A. Dillard removed soil during the excavation activities as directed by the Port of Oakland.

3.0 MONITORING WELL DESTRUCTION

On June 29, 2005, a URS geologist observed the destruction of monitoring wells MW-1 through MW-4 (Figure 1). Each well was 2-inches in diameter, constructed of PVC, and was installed to a depth of 10 ft bgs.

The following activities were implemented for the destruction of the four existing monitoring wells:

- A tailgate safety meeting was conducted with all field personnel at the start of work on June 29, 2005. Work was conducted in accordance with Port of Oakland health and safety requirements.
- URS obtained well destruction permits from the Alameda County Public Works Agency (ACPWA) (see Appendix B).

- All well destruction activities were performed by Gregg Drilling and Testing, Inc., a California-licensed drilling contractor, with URS observation.
- Due to the location of the site, ACPWA gave URS approval to destroy the monitoring wells using the pressure grout method. Grout was placed in the monitoring well until full. Then a 2-inch pressure tool was inserted into the monitoring well and pressure was applied until 25 pounds per square inch (psi) was achieved. This pressure was held for a minimum of five minutes to ensure the complete destruction of the screened interval. The well boxes were then removed. The site is awaiting paving; therefore, no further activities were conducted to return the well locations to their former appearance.
- The well destruction reports required by the California Department of Water Resources (DWR) were completed. The original copies were submitted to the Alameda County Public Works Agency, Water Resources Section as required by the well destruction permit.

We appreciate the opportunity to present this Site Closure Report to the Port of Oakland. If you have any questions, or if we can offer further assistance, please call us at (510) 893-3600.

Sincerely,

URS CORPORATION

Jacob Henry
Geologist

Mary Esper, PE
Program Manager

Attachment: Table 1 Soil and Groundwater Analytical Results
Figure 1 Site Map
Appendix A Laboratory Analytical Results
Appendix B ACPWA Well Destruction Permits

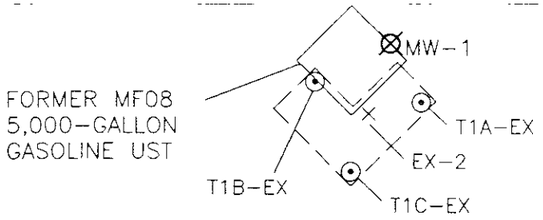
TABLE

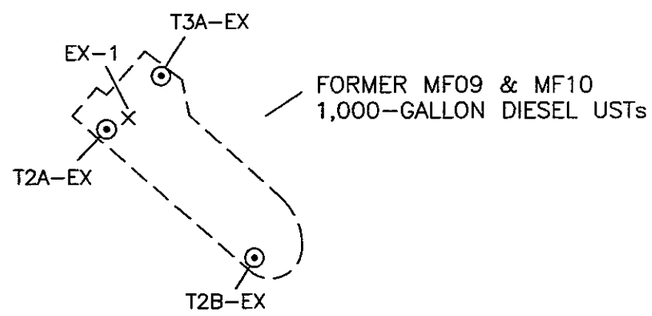
Table 1
Soil and Groundwater Analytical Results

SAMPLE NAME	DATE	UNITS	TPH-g	Benzene	Toluene	Ethylebenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	Dichloroethane	Ethylene dibromide	Ethanol	TPH-Diesel	TPH-mo	Jet Fuel
Former UST MF-08 Soil Sidewall Samples																		
T1A-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
T1B-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
T1C-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Former USTs MF-09 and MF-10 Soil Sidewall Samples																		
T2A-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
T2B-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	140	ND	ND
T3A-EX	6/2/2005	mg/kg	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
RWQCB ESLs for shallow soils (< 3m bgs) Commercial/Industrial Land Use-Groundwater is not a potential source of drinking water																		
		mg/kg	400	0.38	9.3	320	110	560	NL	NL	NL	110	0.07	NL	450	500	1,000	500
Former USTs MF-08 through MF-10 Groundwater Samples																		
EX-1	6/3/2005	µg/L	480	ND	ND	ND	ND	3.0	ND	ND	ND	ND	ND	ND	ND	9,200	ND	7,300
EX-2	6/3/2005	µg/L	460	0.98	1.4	5.2	44	0.54	ND	ND	ND	ND	ND	ND	ND	120	ND	200
RWQCB ESLs for shallow soils (< 3m bgs) Commercial/Industrial Land Use-Groundwater is not a potential source of drinking water																		
		µg/L	500	460	130	290	100	1,800	NL	NL	NL	18,000	200	NL	50,000	640	640	640

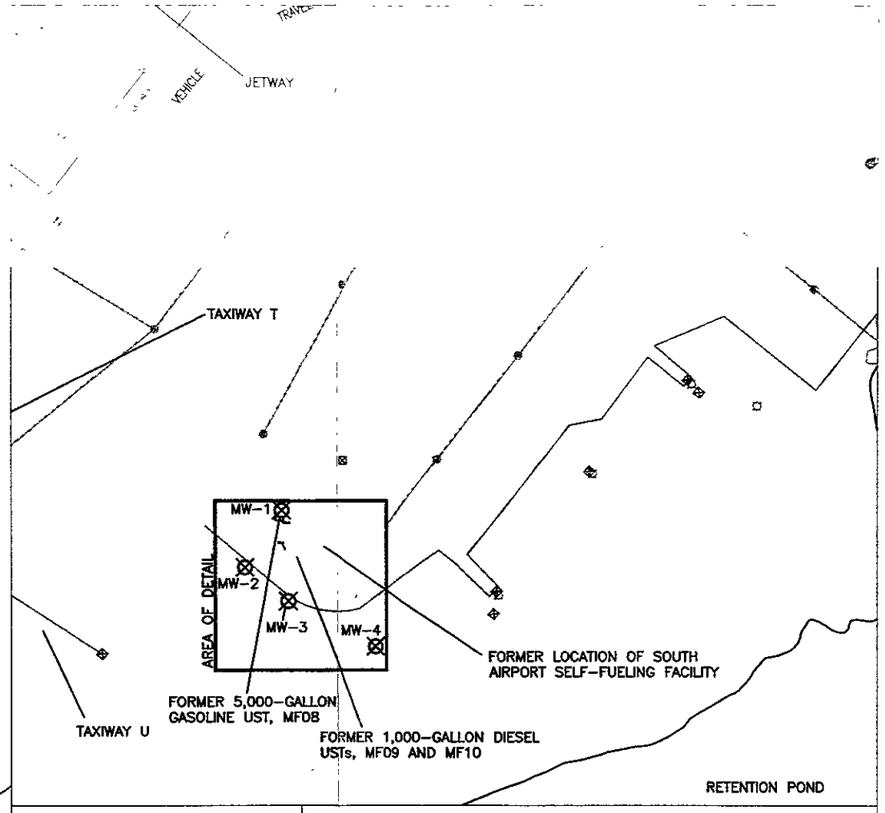
TPH-g - Total Petroleum Hydrocarbons as gasoloine
MTBE - methyl tertiary buytl ether
ETBE - ethyl tertiary butyl ether
TAME - tertiary amyl ether
DIPE - di-isopropyl ether
TBA - tertiary-buytl alcohol
TPH-d - Total Petroleum Hydrocarbons as diesel
TPH-mo - Total Petroleum Hydrocarbons as motor oil
mg/kg - milligram per kilogram
µg/kg - micrograms per liter
ND - Non detect
NA - Not Analyzed
RWQCB - Regional Water Quality Control Board
ESL - Environmental Screening Levels
ft bgs - feet below ground surface
NL - Not Listed in ESL Tables

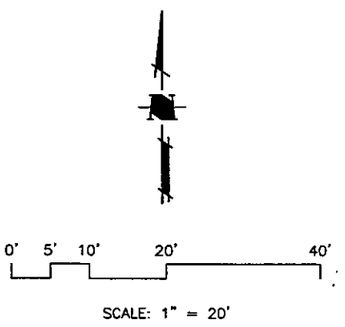
FIGURE





PHOTONIONIZATION READINGS	
T1A-EX	20.5 ppm
T1B-EX	362 ppm
T1C-EX	36.7 ppm
T2A-EX	63.8 ppm
T2B-EX	24.4 ppm
T3A-EX	40.1 ppm





LEGEND

MW-4 ⊠	MONITORING WELL, DESTROYED 06/29/05
T2B-EX ⊙	EXCAVATION SAMPLE
EX-1 ×	EXCAVATION WATER SAMPLE

URS	Project No. 26815144 South Airport Self-Fueling Facility, Taxiway U Metropolitan Oakland International Airport Oakland, California	SITE MAP	FIGURE 1

Aug 26, 2005 - 2:32pm
X:\x_env_waste\Port of Oakland\Overexcavation\SITE MAP.dwg

APPENDIX A

Laboratory Analytical Reports

SEVERN TRENT STL

Submission#: 2005-06-0044

URS-Oakland, CA

June 06, 2005

1333 Broadway Suite 800
Oakland, CA 94612

Attn.: Mary Esper

Project#: Self Fueling Facility(SFF)
Project: Metro. Oakland Int. Airport
Site: 1 Airport Drive, Oakland, CA

Dear Ms. Esper,

Attached is our report for your samples received on 06/02/2005 11:35
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after 07/17/2005 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

Sincerely,

Afsaneh Salimpour
Project Manager

URS-Oakland, CA

June 06, 2005

1333 Broadway Suite 800
Oakland, CA 94612

Attn.: Mary Esper

Project#: Self Fueling Facility(SFF)
Project: Metro. Oakland Int. Airport
Site: 1 Airport Drive, Oakland, CA

Case Narrative

General and Sample Comments

We (STL San Francisco) received 6 Soil samples , on Thursday, June 02, 2005 11:35 AM.

Analysis Comments and Flags by QC Batch

TEPH w/ Silica Gel Clean-up	Soil	QC Batch#: 2005/06/02-04.10

T2-B-EX >> MS 2005/06/02-04.10-004
Compound Flag(s)
M3 Sample > 4x spike concentration.

T2-B-EX >> MSD 2005/06/02-04.10-005
Compound Flag(s)
M3 Sample > 4x spike concentration.

T2-B-EX >> MSD 2005/06/02-04.10-005
Compound Flag(s)
R1 Analyte RPD was out of QC limits.

T3-A-EX 2005060044 003
Analysis Flag(s)
L2 Reporting limits were raised due to high level of analyte present in the sample.

SEVERN TRENT STL

Submission: 2005-06-0044

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T2-B-EX	06/02/2005 09:43	Soil	1
T2-A-EX	06/02/2005 09:50	Soil	2
T3-A-EX	06/02/2005 09:59	Soil	3
T1-A-EX	06/02/2005 10:06	Soil	4
T1-C-EX	06/02/2005 10:16	Soil	5
T1-B-EX	06/02/2005 10:32	Soil	6

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **T2-B-EX**
Lab ID: 2005-06-0044 - 1
Sampled: 06/02/2005 09:43
Extracted: 6/2/2005 14:00
Matrix: Soil
QC Batch#: 2005/06/02-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 12:11	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 12:11	
DRO (C10-C28)	140	1.0	mg/Kg	1.00	06/03/2005 12:11	
Surrogate(s)						
o-Terphenyl	80.7	60-130	%	1.00	06/03/2005 12:11	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Sample ID: **T2-A-EX**
Sampled: 06/02/2005 09:50
Matrix: Soil

Test(s): 8015M
Lab ID: 2005-06-0044 - 2
Extracted: 6/2/2005 14:00
QC Batch#: 2005/06/02-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 18:58	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 18:58	
DRO (C10-C28)	ND	1	mg/Kg	1.00	06/03/2005 18:58	
Surrogate(s)						
o-Terphenyl	73.2	60-130	%	1.00	06/03/2005 18:58	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **T3-A-EX**
Lab ID: 2005-06-0044 - 3
Sampled: 06/02/2005 09:59
Extracted: 6/2/2005 14:00
Matrix: Soil
QC Batch#: 2005/06/02-04.10
Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 18:31	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 18:31	
DRO (C10-C28)	ND	1.0	mg/Kg	1.00	06/03/2005 18:31	
Surrogate(s)						
o-Terphenyl	75.8	60-130	%	1.00	06/03/2005 18:31	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

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Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **T1-A-EX**
Lab ID: 2005-06-0044 - 4
Sampled: 06/02/2005 10:06
Extracted: 6/2/2005 14:00
Matrix: Soil
QC Batch#: 2005/06/02-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 18:04	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 18:04	
DRO (C10-C28)	ND	1	mg/Kg	1.00	06/03/2005 18:04	
Surrogate(s)						
o-Terphenyl	73.7	60-130	%	1.00	06/03/2005 18:04	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Test(s): 8015M
Sample ID: **T1-C-EX**
Lab ID: 2005-06-0044 - 5
Sampled: 06/02/2005 10:16
Extracted: 6/2/2005 14:00
Matrix: Soil
QC Batch#: 2005/06/02-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 17:37	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 17:37	
DRO (C10-C28)	ND	1.0	mg/Kg	1.00	06/03/2005 17:37	
Surrogate(s)						
o-Terphenyl	76.5	60-130	%	1.00	06/03/2005 17:37	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 3550/8015M
Sample ID: **T1-B-EX**
Sampled: 06/02/2005 10:32
Matrix: Soil

Test(s): 8015M
Lab ID: 2005-06-0044 - 6
Extracted: 6/2/2005 14:00
QC Batch#: 2005/06/02-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	1.00	06/03/2005 12:38	
Jet fuel	ND	1.0	mg/Kg	1.00	06/03/2005 12:38	
DRO (C10-C28)	ND	1.0	mg/Kg	1.00	06/03/2005 12:38	
Surrogate(s)						
o-Terphenyl	69.4	60-130	%	1.00	06/03/2005 12:38	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2005/06/02-04.10-001

Soil

Test(s): 8015M
QC Batch # 2005/06/02-04.10
Date Extracted: 06/02/2005 14:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Motor Oil	ND	50	mg/Kg	06/03/2005 11:17	
Jet fuel	ND	1	mg/Kg	06/03/2005 11:17	
DRO (C10-C28)	ND	1	mg/Kg	06/03/2005 11:17	
Surrogates(s)					
o-Terphenyl	73.8	60-130	%	06/03/2005 11:17	

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

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Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2005/06/02-04.10**

LCS 2005/06/02-04.10-002 Extracted: 06/02/2005 Analyzed: 06/03/2005 16:12
LCSD 2005/06/02-04.10-003 Extracted: 06/02/2005 Analyzed: 06/03/2005 16:38

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
DRO (C10-C28)	31.2	29.7	41.5	75.2	71.7	4.8	60-130	25		
Surrogates(s)										
o-Terphenyl	17.0	17.6	20.0	85.2	88.2		60-130	0		

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/06/02-04.10**

T2-B-EX >> MS

Lab ID: 2005-06-0044 - 001

MS: 2005/06/02-04.10-004 Extracted: 06/02/2005 Analyzed: 06/03/2005 17:05
Dilution: 1.00

MSD: 2005/06/02-04.10-005 Extracted: 06/02/2005 Analyzed: 06/03/2005 17:58
Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
DRO (C10-C28)	152	210	140	41.1	29.2	169.5	141.	60-130	25	M3	M3,R1
Surrogate(s)											
o-Terphenyl	18.5	19.3		20.0	92.5	96.4		60-130	0		

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

M3

Sample > 4x spike concentration.

R1

Analyte RPD was out of QC limits.

SEVERN TRENT STL

Submission: 2005-06-0044

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T2-B-EX	06/02/2005 09:43	Soil	1
T2-A-EX	06/02/2005 09:50	Soil	2
T3-A-EX	06/02/2005 09:59	Soil	3
T1-A-EX	06/02/2005 10:06	Soil	4
T1-C-EX	06/02/2005 10:16	Soil	5
T1-B-EX	06/02/2005 10:32	Soil	6

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 5030B
Sample ID: **T2-B-EX**
Sampled: 06/02/2005 09:43
Matrix: Soil

Test(s): 8260B
Lab ID: 2005-06-0044 - 1
Extracted: 6/3/2005 01:19
QC Batch#: 2005/06/02-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 01:19	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 01:19	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 01:19	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 01:19	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 01:19	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 01:19	
Surrogate(s)						
1,2-Dichloroethane-d4	99.6	72-124	%	1.00	06/03/2005 01:19	
Toluene-d8	96.6	75-116	%	1.00	06/03/2005 01:19	

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 5030B
Test(s): 8260B
Sample ID: **T2-A-EX**
Lab ID: 2005-06-0044 - 2
Sampled: 06/02/2005 09:50
Extracted: 6/3/2005 12:33
Matrix: Soil
QC Batch#: 2005/06/03-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 12:33	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 12:33	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 12:33	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 12:33	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 12:33	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 12:33	
Surrogate(s)						
1,2-Dichloroethane-d4	86.6	72-124	%	1.00	06/03/2005 12:33	
Toluene-d8	98.1	75-116	%	1.00	06/03/2005 12:33	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**T3-A-EX**	Lab ID:	2005-06-0044 - 3
Sampled:	06/02/2005 09:59	Extracted:	6/3/2005 02:10
Matrix:	Soil	QC Batch#:	2005/06/02-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 02:10	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 02:10	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 02:10	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 02:10	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 02:10	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 02:10	
Surrogate(s)						
1,2-Dichloroethane-d4	96.4	72-124	%	1.00	06/03/2005 02:10	
Toluene-d8	98.2	75-116	%	1.00	06/03/2005 02:10	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**T1-A-EX**	Lab ID:	2005-06-0044 - 4
Sampled:	06/02/2005 10:06	Extracted:	6/3/2005 02:35
Matrix:	Soil	QC Batch#:	2005/06/02-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 02:35	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 02:35	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 02:35	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 02:35	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 02:35	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 02:35	
Surrogate(s)						
1,2-Dichloroethane-d4	96.5	72-124	%	1.00	06/03/2005 02:35	
Toluene-d8	98.8	75-116	%	1.00	06/03/2005 02:35	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 5030B
Test(s): 8260B
Sample ID: **T1-C-EX**
Lab ID: 2005-06-0044 - 5
Sampled: 06/02/2005 10:16
Extracted: 6/3/2005 03:00
Matrix: Soil
QC Batch#: 2005/06/02-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 03:00	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 03:00	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 03:00	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 03:00	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 03:00	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 03:00	
Surrogate(s)						
1,2-Dichloroethane-d4	99.0	72-124	%	1.00	06/03/2005 03:00	
Toluene-d8	101.6	75-116	%	1.00	06/03/2005 03:00	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Prep(s): 5030B
Sample ID: **T1-B-EX**
Sampled: 06/02/2005 10:32
Matrix: Soil

Test(s): 8260B
Lab ID: 2005-06-0044 - 6
Extracted: 6/3/2005 03:25
QC Batch#: 2005/06/02-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/03/2005 03:25	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/03/2005 03:25	
Benzene	ND	5.0	ug/Kg	1.00	06/03/2005 03:25	
Toluene	ND	5.0	ug/Kg	1.00	06/03/2005 03:25	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/03/2005 03:25	
Total xylenes	ND	5.0	ug/Kg	1.00	06/03/2005 03:25	
Surrogate(s)						
1,2-Dichloroethane-d4	101.6	72-124	%	1.00	06/03/2005 03:25	
Toluene-d8	98.0	75-116	%	1.00	06/03/2005 03:25	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Soil** **QC Batch # 2005/06/02-03.66**

MB: 2005/06/02-03.66-046
Date Extracted: 06/02/2005 19:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/02/2005 19:46	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/02/2005 19:46	
Benzene	ND	5.0	ug/Kg	06/02/2005 19:46	
Toluene	ND	5.0	ug/Kg	06/02/2005 19:46	
Ethyl benzene	ND	5.0	ug/Kg	06/02/2005 19:46	
Total xylenes	ND	5.0	ug/Kg	06/02/2005 19:46	
Surrogates(s)					
1,2-Dichloroethane-d4	95.2	72-124	%	06/02/2005 19:46	
Toluene-d8	98.6	75-116	%	06/02/2005 19:46	

Fuel Oxygenates by 8260B

URS-Oakland, CA
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Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/06/03-01.66-036

Soil

Test(s): 8260B
QC Batch # 2005/06/03-01.66
Date Extracted: 06/03/2005 08:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/03/2005 08:36	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/03/2005 08:36	
Benzene	ND	5.0	ug/Kg	06/03/2005 08:36	
Toluene	ND	5.0	ug/Kg	06/03/2005 08:36	
Ethyl benzene	ND	5.0	ug/Kg	06/03/2005 08:36	
Total xylenes	ND	5.0	ug/Kg	06/03/2005 08:36	
Surrogates(s)					
1,2-Dichloroethane-d4	91.0	72-124	%	06/03/2005 08:36	
Toluene-d8	97.0	75-116	%	06/03/2005 08:36	

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/06/02-03.66**

LCS 2005/06/02-03.66-020 Extracted: 06/02/2005 Analyzed: 06/02/2005 19:20

LCSD

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	48.9		50.0	97.8			65-165	20		
Benzene	45.3		50.0	90.6			69-129	20		
Toluene	50.4		50.0	100.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	457		500	91.4			72-124			
Toluene-d8	499		500	99.8			75-116			

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Soil** **QC Batch # 2005/06/03-01.66**

LCS 2005/06/03-01.66-011 Extracted: 06/03/2005 Analyzed: 06/03/2005 08:11

LCSD

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	44.2		50.0	88.4			65-165	20		
Benzene	43.7		50.0	87.4			69-129	20		
Toluene	51.2		50.0	102.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	421		500	84.2			72-124			
Toluene-d8	505		500	101.0			75-116			

Fuel Oxygenates by 8260B

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Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/06/02-03.66**

MS/MSD

Lab ID: 2005-06-0011 - 008

MS: 2005/06/02-03.66-043 Extracted: 06/02/2005 Analyzed: 06/02/2005 20:43

Dilution: 1.00

MSD: 2005/06/02-03.66-008 Extracted: 06/02/2005 Analyzed: 06/02/2005 21:08

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	39.1	42.2	ND	45.2	86.5	91.7	5.8	65-165	20		
Benzene	38.9	40.6	ND	45.2	86.1	88.3	2.5	69-129	20		
Toluene	43.8	47.3	ND	45.2	96.9	102.8	5.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	431	421		500	86.1	84.3		72-124			
Toluene-d8	482	494		500	96.4	98.7		75-116			

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility(SFF)
Metro. Oakland Int. Airport

Received: 06/02/2005 11:35

Site: 1 Airport Drive, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2005/06/03-01.66**

T2-A-EX >> MS

Lab ID: 2005-06-0044 - 002

MS: 2005/06/03-01.66-023 Extracted: 06/03/2005 Analyzed: 06/03/2005 13:23
Dilution: 1.00

MSD: 2005/06/03-01.66-048 Extracted: 06/03/2005 Analyzed: 06/03/2005 13:48
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	43.2	44.5	ND	45.1	95.8	101.4	5.7	65-165	20		
Benzene	45.8	41.1	ND	45.1	101.6	93.6	8.2	69-129	20		
Toluene	57.0	46.8	ND	45.1	126.4	106.6	17.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	437	507		500	87.3	101.4		72-124			
Toluene-d8	512	508		500	102.4	101.5		75-116			

2005-06-0044

115535

Chain of Custody Record

Project Name: Metro. Oakland Int. Airport
State or Lead Regulatory Agency: ACEH
Requested Due Date (mm/dd/yy): 24 hour RUSH - Friday 6-3-05

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: STL	Facility No.: Self-Fueling Facility (SFF)
Lab Address:	Facility Address: 1 Airport Drive, Oakland, CA
	Site Lat/Long:
Lab PM:	California Global ID -
Tele/Fax:	Project No.: Direct Bill #706006
Port of Oakland Contact: Dale Klettke	Comments: Direct Bill to Dale Klettke Port of Oakland #706006
Address: 530 Water Street	
Oakland, CA 94607	
Tele/Fax: 510-627-1118/510-451-5916	

Consultant/Contractor: URS Oakland	
Address: 1333 Broadway, Suite 800	
Oakland, CA 94612	
Consultant/Contractor Project No.:	
Consultant/Contractor PM: Mary Esper	
Consultant/Contractor Tele/Fax 510-893-3600/510-874-3268	
Report Type & QC Level:	
E-mail EDD To:	
Invoice to:	

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Cont.	Preservative	Requested Analysis: TPH-g/BTEX/MTBE Only by 8260B	Requested Analysis: TPH-d/TPH-o/jet fuel by 8015M	Requested Analysis: Silica Clean-up	Sample Point Lat/Long and Comments
1	T2-B-5X	0943	6-2-05	X			HSQ4			X	X	X	
2	T2-A-5X	0950	"	X						X	X	X	
3	T3-A-5X	0959	"	X						X	X	X	
4	T1-A-5X	1006	"	X						X	X	X	
5	T1-C-5X	1016	"	X						X	X	X	
6	T1-B-5X	1032	"	X						X	X	X	
7													
8													
9													
10													

Sampler's Name: Jacob Henry	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company: URS Corp.	[signature] URS	6-2-05	1135	[signature]	6-2-05 / 11:35
Shipment Date: 6-2-05					
Shipment Method: Courier					
Shipment Tracking No:					

Special Instructions:

Custody Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt ~1 °F (C) Trip Blank Yes No

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

Rev. 4 10/1/04

COC

SEVERN TRENT STL

Submission: 2005-06-0093

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EX-1	06/03/2005 14:10	Water	1
EX-2	06/03/2005 14:25	Water	2

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

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Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Prep(s): 5030B
Sample ID: **EX-1**
Sampled: 06/03/2005 14:10
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-06-0093 - 1
Extracted: 6/4/2005 16:59
QC Batch#: 2005/06/04-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	480	100	ug/L	2.00	06/04/2005 16:59	Q1
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	06/04/2005 16:59	
Methyl tert-butyl ether (MTBE)	3.0	1.0	ug/L	2.00	06/04/2005 16:59	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	2.00	06/04/2005 16:59	
Ethyl tert-butyl ether (ETBE)	ND	1.0	ug/L	2.00	06/04/2005 16:59	
tert-Amyl methyl ether (TAME)	ND	1.0	ug/L	2.00	06/04/2005 16:59	
1,2-DCA	ND	1.0	ug/L	2.00	06/04/2005 16:59	
EDB	ND	1.0	ug/L	2.00	06/04/2005 16:59	
Benzene	ND	1.0	ug/L	2.00	06/04/2005 16:59	
Toluene	ND	1.0	ug/L	2.00	06/04/2005 16:59	
Ethylbenzene	ND	1.0	ug/L	2.00	06/04/2005 16:59	
Total xylenes	ND	2.0	ug/L	2.00	06/04/2005 16:59	
Ethanol	ND	50	ug/L	2.00	06/04/2005 16:59	
Surrogate(s)						
1,2-Dichloroethane-d4	102.1	73-130	%	2.00	06/04/2005 16:59	
Toluene-d8	93.4	81-114	%	2.00	06/04/2005 16:59	

Fuel Oxygenates by 8260B

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Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Prep(s): 5030B
Sample ID: **EX-2**
Sampled: 06/03/2005 14:25
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-06-0093 - 2
Extracted: 6/4/2005 16:41
QC Batch#: 2005/06/04-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	460	50	ug/L	1.00	06/04/2005 16:41	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/04/2005 16:41	
Methyl tert-butyl ether (MTBE)	0.54	0.50	ug/L	1.00	06/04/2005 16:41	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2005 16:41	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/04/2005 16:41	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/04/2005 16:41	
1,2-DCA	ND	0.50	ug/L	1.00	06/04/2005 16:41	
EDB	ND	0.50	ug/L	1.00	06/04/2005 16:41	
Benzene	0.98	0.50	ug/L	1.00	06/04/2005 16:41	
Toluene	1.4	0.50	ug/L	1.00	06/04/2005 16:41	
Ethylbenzene	5.2	0.50	ug/L	1.00	06/04/2005 16:41	
Total xylenes	44	1.0	ug/L	1.00	06/04/2005 16:41	
Ethanol	ND	25	ug/L	1.00	06/04/2005 16:41	
Surrogate(s)						
1,2-Dichloroethane-d4	99.9	73-130	%	1.00	06/04/2005 16:41	
Toluene-d8	96.5	81-114	%	1.00	06/04/2005 16:41	

Fuel Oxygenates by 8260B

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1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/06/04-01.69

MB: 2005/06/04-01.69-049

Date Extracted: 06/04/2005 08:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/04/2005 08:49	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/04/2005 08:49	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/04/2005 08:49	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	06/04/2005 08:49	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/04/2005 08:49	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/04/2005 08:49	
1,2-DCA	ND	0.5	ug/L	06/04/2005 08:49	
EDB	ND	0.5	ug/L	06/04/2005 08:49	
Benzene	ND	0.5	ug/L	06/04/2005 08:49	
Toluene	ND	0.5	ug/L	06/04/2005 08:49	
Ethylbenzene	ND	0.5	ug/L	06/04/2005 08:49	
Total xylenes	ND	1.0	ug/L	06/04/2005 08:49	
Ethanol	ND	25	ug/L	06/04/2005 08:49	
Surrogates(s)					
1,2-Dichloroethane-d4	90.8	73-130	%	06/04/2005 08:49	
Toluene-d8	91.6	81-114	%	06/04/2005 08:49	

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/06/04-01.69**

LCS 2005/06/04-01.69-030 Extracted: 06/04/2005 Analyzed: 06/04/2005 08:30

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1		25.0	100.4			65-165	20		
Benzene	22.7		25.0	90.8			69-129	20		
Toluene	23.0		25.0	92.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	444		500	88.8			73-130			
Toluene-d8	466		500	93.2			81-114			

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/06/04-01.69

MS/MSD

Lab ID: 2005-05-0814 - 014

MS: 2005/06/04-01.69-033

Extracted: 06/04/2005

Analyzed: 06/04/2005 14:33

Dilution: 1.00

MSD: 2005/06/04-01.69-052

Extracted: 06/04/2005

Analyzed: 06/04/2005 14:52

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	29.0	32.7	0.758	25.0	113.0	127.8	12.3	65-165	20		
Benzene	23.3	23.3	ND	25.0	93.2	93.2	0.0	69-129	20		
Toluene	23.0	22.9	ND	25.0	92.0	91.6	0.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	472	479		500	94.4	95.8		73-130			
Toluene-d8	459	469		500	91.8	93.8		81-114			

SEVERN TRENT STL

Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Legend and Notes

Result Flag

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

SEVERN TRENT STL

Submission: 2005-06-0093

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EX-1	06/03/2005 14:10	Water	1
EX-2	06/03/2005 14:25	Water	2
SP-1,-2,-3,-4	06/03/2005 14:45	Soil	3

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Prep(s): 3510/8015M
Sample ID: **EX-1**
Sampled: 06/03/2005 14:10
Matrix: Water

Test(s): 8015M
Lab ID: 2005-06-0093 - 1
Extracted: 6/3/2005 13:42
QC Batch#: 2005/06/03-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	2500	ug/L	5.00	06/06/2005 19:25	
Jet fuel	7300	250	ug/L	5.00	06/06/2005 19:25	Q9
DRO (C10-C28)	9200	250	ug/L	5.00	06/06/2005 19:25	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	06/06/2005 19:25	S3

SEVERN TRENT STL

TEPH w/ Silica Gel Clean-up

URS-Oakland, CA
Attn.: Mary Esper

1333 Broadway Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: Self Fueling Facility

Received: 06/03/2005 15:50

Prep(s): 3510/8015M
Sample ID: **EX-2**
Sampled: 06/03/2005 14:25
Matrix: Water

Test(s): 8015M
Lab ID: 2005-06-0093 - 2
Extracted: 6/3/2005 13:42
QC Batch#: 2005/06/03-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	500	ug/L	1.00	06/06/2005 14:01	Q9
Jet fuel	200	50	ug/L	1.00	06/06/2005 14:01	
DRO (C10-C28)	120	50	ug/L	1.00	06/06/2005 14:01	
Surrogate(s)						
o-Terphenyl	84.2	60-130	%	1.00	06/06/2005 14:01	

SEVERN TRENT | STL

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

2005-06-0093

Reference #: 115595

Date 6-3-05 Page 1 of 1

Report To

Attn: Dale Klettke / Mary Esper
Company: Port of Oakland / URS
Address: 530 water street, Oakland, CA / 1333 Broadway, Ste 800, Oakland, CA
Phone: Mary 510 893 3600 Email: dklettke@portoakland.com
Bill To: Port of Oakland #206006 Sampled By: J. Henry
Attn: Dale Klettke Phone: 510-774-1146

Analysis Request

Sample ID	Date	Time	Matrix	Pres erv.	TPH EPA - ☐ 8015/8021 ☒ 8260B Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☒ Silica Gel ☐ Diesel ☒ Motor Oil ☐ Other ☒ Fuel Fingerprint	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☒ Five Oxygenates ☒ DCA, EDB ☒ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1684) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	Composite 4 to 1 analyze 1 sample			Number of Containers
EX-1	6/3/05	1410	H_2O	HCl/Ice	X		X	X															X		
EX-2		1425	H_2O	HCl	X		X	X															X		
SP-1		1445	Soil	Ice	X		X	X							X								X		
SP-2		1450			X		X	X	No oxys for SP-1, SP-2						X								X, X		
SP-3		1444			X		X	X	SP-3 & SP-4						X								X		
SP-4	↓	1446	↓	↓	X		X	X	and added CAM-17						X								X		
									as per Jake Henry 6/3/05																

RUSH

Project Info.

Project Name: Self Fueling Facility
Project#:
PO#: 206006
Credit Card#:

Sample Receipt

of Containers: 20-12 VOAs 9/1L Amb. & 4 Soil jars
Head Space: None
Temp: 16°c
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other: RUSH

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions / Comments:
Please Report to: dklettke@portoakland.com & Mary_esper@URSCORP.COM

See Terms and Conditions on reverse

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 15:50	Signature: Time:	Signature: Time:
Printed Name: J. Henry Date: 6-3-05	Printed Name: Date:	Printed Name: Date:
Company: URS	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 15:50	Signature: Time:	Signature: Time:
Printed Name: T. Bulkley Date: 6/3/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

SEVERN TRENT LABORATORIES, INC. TERMS AND CONDITIONS OF SALE (Short Form)

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from Severn Trent Laboratories, Inc. (STL), a Delaware corporation, STL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation or Price Schedule, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of STL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by STL in writing.

1. ORDERS AND RECEIPT OF SAMPLES

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to STL in writing or by telephone subsequently confirmed in writing, or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient specification to enable STL to carry out the Client's requirements. In particular, samples must be accompanied by: a) adequate instruction on type of analysis requested, and b) complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. Where any samples which were not accompanied by the required disclosure, cause interruptions in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean up and recovery.

1.2 The Client shall provide one week's advance notice of the sample delivery schedule, or any changes to the schedule, whenever possible. Upon timely delivery of samples, STL will use its best efforts to meet mutually agreed turnaround times. All turnaround times will be calculated from the point in time when STL has determined that it can proceed with defined work following receipt, inspection of samples, and resolution of any discrepancies in Chain-of-Custody forms and project guidance regarding work to be done (Sample Delivery Acceptance). In the event of any changes in the sample delivery schedule by the Client, prior to Sample Delivery Acceptance, STL reserves the right to modify its turnaround time commitment, to change the date upon which STL will accept samples, or refuse Sample Delivery Acceptance for the affected samples.

1.3 STL reserves the right, exercisable at any time, to refuse or revoke Sample Delivery Acceptance for any sample which in the sole judgment of STL: a) is of unsuitable volume; b) may pose a risk or become unsuitable for handling, transport, or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to STL by the Client, or c) holding times cannot be met, due to passage of more than 48 hours from the time of sampling or 1/2 the holding time for the requested test, whichever is less

1.4 Prior to Sample Delivery Acceptance, the entire risk of loss or damage to samples remains with the Client, except where STL provides courier services. In no event will STL have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from STL's premises. Client is responsible to assure that any sample containing any hazardous substance which is to be delivered to STL's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

2. PAYMENT TERMS

2.1 Services performed by STL will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Invoices may be submitted to Client upon completion of any sample delivery group. Payment in advance is required for all Clients except those whose credit has been established with STL. For Clients with approved credit, payment terms are net 30 days from the date of invoice by STL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party, that acknowledges and accepts payment responsibility. STL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. STL reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by STL after Sample Delivery Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. STL will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification, or acceleration in the performance of the work may be initiated by the Client after sample delivery acceptance. Such a change will be documented in writing and may result in a change in cost and turnaround time commitment. STL's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. STL will be compensated consistent with Section 2 of these Terms and Conditions. STL will complete all work in progress and be paid in full for all work completed.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, STL will use analytical methodologies which are in substantial conformity with published test methods. STL has implemented these methods in its Laboratory Quality Manuals and referenced Standard Operating Procedures and where the nature or composition of the sample requires it, STL reserves the right to deviate from these methodologies as necessary or appropriate, based on the reasonable judgment of STL, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or STL's Laboratory Quality Manuals. Client may request that STL perform according to a mutually agreed Quality Assurance Project Plan (QAPP). In the event that samples arrive prior to agreement on a QAPP, STL will proceed with analyses under its standard Quality Manuals then in effect, and STL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.

4.2 STL shall start preparation and/or analysis within holding times provided that Sample Delivery Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less. Where resolution of inconsistencies leading to Sample Delivery Acceptance does not occur within this period, STL will use its best efforts to meet holding times and will proceed with the work provided that, in STL's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with STL's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 STL warrants that it possesses and maintains all licenses and certifications which are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to STL prior to Sample Delivery Acceptance. STL will notify the Client in writing of any decertification or revocation of any license, or notice of either, which affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by STL in connection with any services performed by STL or any Results generated from such services, and STL gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of STL is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for the breach of warranty in connection with any services performed by STL, will be limited to repeating any services performed, contingent on the Client's providing, at the request of STL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results consistent with the original Results will be at the Client's expense. If resampling is necessary, STL's liability for resampling costs will be limited to actual cost or one hundred and fifty dollars ($150) per sample, whichever is less.

4.6 STL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or $100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after STL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall STL be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall STL have any responsibility or liability to the Client for any failure or delay in performance by STL which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of STL. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond STL's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to STL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by STL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by STL for performance of work will be retained by STL, and Client shall not disclose such information to any third party.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay STL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the Results delivered by STL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold STL's right to independently defend its data.

5.4 STL reserves the right to perform the services at any laboratory in the STL network, unless the Client has specified a particular location for the work. In addition, STL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in STL's sole judgment, it is reasonably necessary, appropriate or advisable to do so. STL will in no way be liable for any subcontracted services (outside the STL network) except for work performed at laboratories which have been audited and approved by STL.

5.5 STL shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable federal, state or local requirements. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at his own expense. STL reserves the right to return to the Client any sample or unused portion of a sample that is not within STL's permitted capability or the capabilities of STL's designated waste disposal vendor(s). ALL DIOXIN, MIXED WASTE, AND RADIOACTIVE SAMPLES WILL BE RETURNED TO THE CLIENT, unless prior arrangements for disposal are made.

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, STL agrees to retain all records for five (5) years.

5.7 In the event that STL is required to respond to legal process related to services for Client, Client agrees to reimburse STL for hourly charges for personnel involved in the response and attorney fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation.

6. INSURANCE

6.1 STL shall maintain in force during the performance of services under these Terms and Conditions Workers' Compensation and Employer's Liability insurance in accordance with the laws of the states having jurisdiction over STL's employees who are engaged in the performance of the work. STL shall also maintain during such period, Comprehensive General and Contractual Liability (limit of $2,000,000 per occurrence/aggregate), Comprehensive Automobile Liability, owned and hired, ($1,000,000 combined single limit), and Professional/Pollution Liability Insurance (limit of $5,000,000 per occurrence/aggregate).

7. AUDIT

7.1 Upon prior notice to STL, the Client may audit and inspect STL's records and accounts covering reimbursable costs related to work done for the Client, for a period of two (2) years after completion of the work. The purpose of any such audit shall be only for verification of such costs, and STL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

8. MISCELLANEOUS PROVISIONS

8.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by STL, embody the whole agreement of the parties and provide the only remedies available. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Client and STL. These Terms and Conditions, and any transactions or agreements to which they apply, shall be governed both as to interpretation and performance by the laws of the state where STL's services are performed.

8.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder to these Terms and Conditions, the intent of the parties being that the provisions be severable. The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way these Terms and Conditions or their interpretations. No waiver by either party of any provision, term or condition hereof or of any obligation of the other party hereunder shall constitute a waiver of any subsequent breach or other obligation.

8.3 The obligations, liabilities, and remedies of the parties, as provided herein, are exclusive and in lieu of any others available at law or in equity. Indemnifications, releases from liability and limitations of liability shall apply, notwithstanding the fault, negligence or strict liability of the party to be indemnified, released, or whose liability is limited, except to the extent of sole negligence or willful misconduct.

APPENDIX B

ACPWA Well Destruction Permits

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions In Alameda County: There are four jurisdictions in Alameda County.

Location:	Agency with Jurisdiction	Contact Number
Berkeley	City of Berkeley	Ph: 510-981-7460 Fax: 510-540-5672
Fremont, Newark, Union City	Alameda County Water District	Ph: 510-668-4460 Fax: 510-651-1760
Pleasanton, Dublin, Livermore, Sunol	Zone 7 Water Agency	Ph: 925-454-5000 Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland, Alameda, Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Complete Permit Application Check List *(24 Kb)**

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells, shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects

Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **George Bolton at 510-670-5594** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the *drilling permit application and Conditions of Approval. To* request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:

A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars). To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors.

The forms to request for refunds under $500.00 (Five Hundred Dollars) are *available at this office or any County Offices.*

If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement

Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis

Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies. Links to pertinent forms are provided below.

Well Completion Report Form*
Well Owner's Request Form for Previously Filed Forms *(41Kb)**
Government Authorization Form for the Release of Forms *(46 Kb)**
Site Hazard Information Form *(51 Kb)**

* Adobe PDF Reader is Required.

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/24/2005 By jamesy
Permits Issued: W2005-0679 to W2005-0682

Permits Valid from 06/29/2005 to 06/29/2005

Application Id: 1119659023537
Site Location: Oakland Airport
Project Start Date: 06/29/2005

City of Project Site: Oakland

Completion Date: 06/29/2005

Applicant: URS Corp - Jacob Henry
1332 Broadway, Ste 800, Oakland, CA 94612
Phone: 510-506-1336

Property Owner: Port of Oakland
530 Water Street, Oakland, CA 94607
Phone: 510-627-1118

Client: ** same as Property Owner **

Total Due: $1200.00
Total Amount Paid: $1200.00
Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 4 Wells
Driller: URS Corp - Lic #: 0000 - Method: press

Work Total: $1200.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2005-0679	06/24/2005	09/27/2005	MW-1	8.25 in.	2.00 in.	2.00 ft	10.00 ft			
W2005-0680	06/24/2005	09/27/2005	MW-2	8.25 in.	2.00 in.	2.00 ft	10.00 ft			
W2005-0681	06/24/2005	09/27/2005	MW-3	8.25 in.	2.00 in.	2.00 ft	10.00 ft			
W2005-0682	06/24/2005	09/27/2005	MW-4	8.25 in.	2.00 in.	2.00 ft	10.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

3. Pressure Grout with Cement (Less than 30 ft in depth)

4. Applicant shall notify this office in writing who the licensed contracting driller shall be, prior to drilling.

The well boxes may be left in place, with the understanding that the site will be reconstructed at a later time.

No Inspector shall be assigned to this project, however, the applicants shall submit in writing that the wells were

destroyed according to State & County standards. This letter, fax or email shall be submitted within 10 working days after the project has been completed.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 2596

2 Page 1 of 1

3. Generator's Name and Mailing Address

PORT OF OAKLAND
EAST APRON SITE - OIA
OAKLAND, CA 94607

MAIL: PORT OF OAKLAND
530 WATER STREET
OAKLAND, CA 94604
ATTN:

4. Generator's Phone ( ) (510) 627-1185

5. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SVCS.

6. US EPA ID Number: C A D 9 8 2 5 2 3 4 3 3

A. State Transporter's ID

B. Transporter 1 Phone (925) 634-6850

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

INSTRAT, INC
1105 C AIRPORT RD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (530) 753-1829

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13 Total Quantity	14. Unit Wt./Vol.
a. NON HAZ WATER, NONE, (pf:) (WATER W/PETROLEUM HYDROCARBONS)	001	T T	03000	G
b.				
c.				
d.				

G Additional Descriptions for Materials Listed Above

11a.
11b.
11c.
11d.

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact(925) 634-6850 DILLARD
Job # 481-120

DEWATERING OF FORMER UST PITS MF 08/09/10 WO#206006

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ON BEHALF OF THE PORT OF OAKLAND

Printed/Typed Name	Signature	Date Month	Day	Year
DALE KIETKE		06	02	05

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
PAUL ROMANOS		6	2	05

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No.

Manifest Document No. 6 8 7 0 "

2. Page 1 of

3 Generator's Name and Mailing Address

PORT OF OAKLAND
EAST APRON 91TE - OIA
OAKLAND, CA 94607

MAIL: PORT OF OAKLAND
530 WATER STREET
OAKLAND, CA 94604
ATTN

4. Generator's Phone ( ) (510) 627-1185

5. Transporter 1 Company Name

BILLARD ENVIRONMENTAL SVCS

6. US EPA ID Number C A D 9 8 2 5 1 3 1

A. State Transporter's ID

B. Transporter 1 Phone (925) 634-6850

7. Transporter 2 Company Name

8 US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

IMSTRAT INC
1105 C AIRPORT RD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (530) 757-1820

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ WATER, NONE, (pH:) / WATER WITH PETROLEUM HYDROCARBONS	001	TT	03000	G
b.				
c.				
d.				

G Additional Descriptions for Materials Listed Above

11a.
11b
11c.
11d.

H. Handling Codes for Wastes Listed Above

15 Special Handling Instructions and Additional Information

Emergency Contact (925) 634-6850 BILLARD
Job # 481-120
WO # 206006 MF 8/9/10

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ON BEHALF OF THE PORT OF OAKLAND

Printed/Typed Name: DALE KLETTKE — Signature: Dale Klettke — Date: Month 06 Day 03 Year 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: PAUL RONDARIS — Signature: — Date: Month 06 Day 03 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name — Signature — Date: Month Day Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 6450 | 2 Page 1 of 1

3. Generator's Name and Mailing Address
PORT OF OAKLAND
EAST APRON SITE - OTA
OAKLAND, CA 94607
MAIL PORT OF OAKLAND
530 WATER STREET
OAKLAND, CA 94604
ATTN DALE KLETTKE

4. Generator's Phone ( ) (510) 627-1195

5. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SVCS
6. US EPA ID Number: C A D 9 8 1 3 3 3 4
A. State Transporter's ID
B. Transporter 1 Phone: (925) 634-6850
7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
INSTRAT, INC
1105 C AIRPORT RD
RIO VISTA, CA 94571
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone: (530) 753-1829

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ WATER, NONE, (PET) (WATER W/ PETROLEUM HYDROCARBONS)			T 2500	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
11a. 2500 Gallons
11b.
11c.
11d.

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency Contact (925) 634-6850 DILLARD
Job # 481-120
WO# 2060006 FORMER UST'S MF 8/9/10

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.
ON BEHALF OF THE PORT OF OAKLAND

GENERATOR

Printed/Typed Name: DALE KLETTKE
Signature: Dale Kletke
Date: Month 06 Day 06 Year 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Crystal Sanchez
Signature: Crystal Sanchez
Date: Month 06 Day 06 Year 05

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

FACILITY

19. Discrepancy Indication Space

20 Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name
Signature
Date: Month Day Year

NON-HAZARDOUS WASTE