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GROUNDWATER MONITORING REPORT, QUARTER 3 2005,

4919 Tidewater Avenue
Oakland, California

ERAS Project Number 05-001-01A

Prepared for:

Mr. Bob Lawlor
RWL Investments
4919 Tidewater Avenue
Oakland, CA 94601

Prepared by:

ERAS Environmental
October 23, 2006

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CERTIFICATION

This **Groundwater Monitoring Report for Quarter 3, 2006,** for 4919 Tidewater Avenue in Oakland, California, has been prepared by ERAS Environmental, Inc. (ERAS) under the professional supervision of the Registered Geologist whose signature appears hereon.

This report was prepared in general accordance with the accepted standard of practice that exists in Northern California at the time the investigation was performed. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies.

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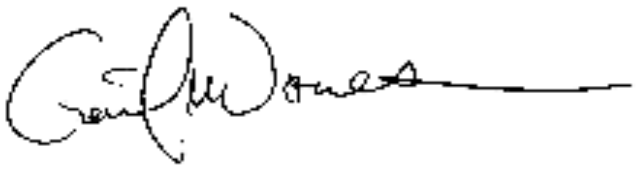
Respectfully submitted,



Gail M. Jones
California Registered Geologist 5725

October 23, 2006

1.0 BACKGROUND

This report pertains to the environmental conditions at the Heitz Trucking (formerly DiSalvo Trucking) facility at 4919 Tidewater Avenue (the Property) located in Oakland, California as shown on **Figure 1**.

The current layout of the Property is shown on **Figure 2**. The Property contains a large concrete warehouse and loading dock building, an office trailer and maintenance building. Outside yard areas are located along the northwest side of the building and a much larger outside yard area

The current owner of the Property, Mr. Charles Lawlor, is planning to demolish the current buildings and after the required remediation, the Property is planned to be redeveloped for residential purposes.

The Property is listed as a fuel leak case and is being overseen by the Alameda County Environmental Health Department (ACEHD).

1.1 HYDROGEOLOGY

1.1.1 REGIONAL HYDROGEOLOGY

The Property is in the southwestern part of Oakland, located at the eastern edge of San Francisco Bay, on the Bay Plain. The sediments in the vicinity of the Property are fine-grained alluvial sediments that represent distal deposits of alluvial fans that were deposited by rivers draining upland surfaces to the west and east of the Property. These sediments were deposited in a low energy environment on the margins of San Francisco Bay. At shallow depths beneath these sediments are a series of Recent-age (<10,000 years) blue clay layers that become increasingly thicker toward San Francisco Bay. These clay layers are known as the Bay Mud and were deposited in San Francisco Bay during higher stands of sea level. In the vicinity of the Property it is likely that several hundred feet of these sediments overlie sandstone and serpentine sedimentary and metamorphic rocks of the Jurassic-aged Franciscan Formation bedrock.

The Property is at an elevation of approximately five feet above Mean Sea Level according to the United States Geological Survey (USGS) Oakland East Quadrangle California 7.5 Minute Series topographic map. Regionally, topography in the area of the Property slopes down to the west toward San Francisco Bay. However, the area of the Property is very flat with little topographic change.

The regional groundwater flow follows the topography, moving from areas of higher elevation to areas of lower elevation. The regional groundwater flow direction in the area of the Property is estimated to be to the west toward San Francisco Bay. However, the groundwater gradient in this area is likely to vary due to tidal influences and there may not be a dominant groundwater gradient.

1.1.2 SITE HYDROGEOLOGY

Soil borings drilled on the Property indicate the area of the Property was likely filled to create land and lift the surface roughly 5 feet above the high tide line (Gen-Tech, 1994). The Property is underlain by artificial fill comprised of gravel and sand, which may contain debris such as concrete or asphalt as well as silt and clay. The fill is underlain by and peat with thin interbeds of organic

silt and clay. The peaty material is underlain by black Bay Mud. The thickness of the fill increases to the northeast, varying from less than 3 feet near the southern corner of the Property to greater than 9 feet along Tidewater Avenue.

Top of groundwater has been measured in the monitoring wells from 0.30 to 6.10 feet below top-of-casing. Groundwater appears to be unconfined. Given historical variable groundwater flow direction results and the close proximity of the Tidal Canal and San Leandro Bay, the groundwater is appears to be under tidal influence with daily fluctuations in groundwater flow direction.

2.0 QUARTERLY GROUNDWATER MONITORING

2.1 FIELD WORK PERFORMED

The quarterly groundwater monitoring was conducted on July 12, 2006. The locations of all the monitoring wells associated with the subject site are shown on **Figure 2**

At each monitoring well, the well cap was removed and the water level in the well was allowed to equilibrate to atmospheric pressure. Static water level was measured using an electronic water-level probe. The probe was decontaminated between wells using a non-phosphate detergent and rinsed with purified water. The standard operating procedures for groundwater sampling are included as **Appendix A.** The field records of water-level measurements are included in **Appendix B.**

All four monitoring wells were sampled for TPH-D, TPH-G, BTEX, and MTBE. Groundwater was purged using a new disposable bailer and transferred to appropriate containers using a VOC-tip. The well purging and sampling forms are included in **Appendix B**. The sample containers were labeled and stored in a cooler with blue-ice, to be transported under chain-of-custody documentation to the State certified analytical laboratory. The chain-of-custody forms are included in **Appendix C.**

Purge water was temporarily stored onsite until transport to an appropriate facility.

2.2 RESULTS OF MONITORING

2.2.1 RESULTS OF GROUNDWATER ELEVATION MONITORING

Depth to liquid measurements collected on July 12, 2006 were used to calculate the groundwater elevation data shown in **Table 1**. The depth-to-water data was uploaded to State Water Board's GeoTracker internet database site. The upload confirmation page is included in **Appendix D.** LNAPL was not detected during this groundwater monitoring event.

Figure 2 shows groundwater flow to the southwest, toward the tidal canal, at a relatively flat gradient of 0.001 foot/foot. This result indicates that the tide was going out at the time that the depth to groundwater was measured.

2.2.2 ANALYTICAL RESULTS

Groundwater samples were analyzed for TPH-D and TPH-G by EPA Method 8015, and for BTEX and MTBE by EPA Method 8260. The analytical results are presented on **Table 2**. The laboratory reports and chain-of custody forms are included as **Appendix C**.

Concentrations of TPH-D above the ESL of 640µg/L (aquatic habitat) were detected in three of the four samples collected from the site (MW-2, MW-3, and MW-4), and ranged from 5,200µg/L in crossgradient well MW-4 to 16,000µg/L in well MW-3 located in east-central portion of the site. No other concentrations above the ESLs for aquatic habitat were reported.

The analytical results were uploaded to GeoTracker. The upload confirmations are included in **Appendix D**.

FIGURES


MAPQUEST
0
300m
900ft
Kennedy St
E 7th St
E 9th St
Chapman St
Ford St
Stero Way
Lancaster St
29th Ave
Fruitvale Ave
34th Ave
E 35th Ave
9th St
San Leandro St
39th Ave
40th Ave
International Blvd
Bond St
Fremont Way
Ygnacio Ave
Foothill Blvd
Cole St
Bancroft Ave
Princeton St
55th Ave
Wentworth Ave
Wadean Pl
Crittenden St
Holland St
Scoville St
E 17th St
E 16th St
E 15th St
56th Ave
Oak St
Park St
Blanding Ave
Clement Ave
Foley St
Tilden Way
Tregloan Ct
Alameda
Alameda Ave
Marina Dr
Windsor Dr
Cambridge Dr
Fremont Dr
Harvard Dr
Yale Dr
Cornell Dr
Moreland Dr
Janis Cir
Santa Clara Ave
Broadway
Wayne Ct
Pearl St
Versailles Ave
College Ave
Bishop St
Grove St
Van Buren St
Jackson St
Mound St
Court St
Fountain St
Thompson Ave
Fairview Ave
Gibbons Dr
Bayo Vista Ave
Fernside Blvd
Garfield Ave
Liberty Ave
Central Ave
Sterling Ave
Briggs Ave
Encinal Ave
Hansen Ave
Eastshore Dr
Madison St
San Jose Ave
Adams St
Washington St
Fillmore St
Calhoun St
Post St
High St
Bayview Dr
Otis Dr
Krusi Park
E 8th St
37th Ave
42nd Ave
Wattling St
E 12th St
44th Ave
45th Ave
46th Ave
47th Ave
48th Ave
49th Ave
50th Ave
51st Ave
52nd Ave
Bancroft Way
E 10th St
53rd Ave
54th Ave
880
High St
Howard St
Tidewater Ave
Lesser St
Tidal Canal
Southern Pacific
Union Pacific
Reade Rd
Coliseum Way
Oakport St
57th Ave
58th Ave
Seminary Ave
Eastlawn St
60th Ave
61st Ave
62nd Ave
63rd Ave
64th Ave
Maidon St
Tevis St
San Leandro St
66th Ave
69th Ave
71st Ave
Julie Ann Way
Kevin Ct
Independent Rd
Zhone Way
McAfee Coliseum
San Francisco Bay
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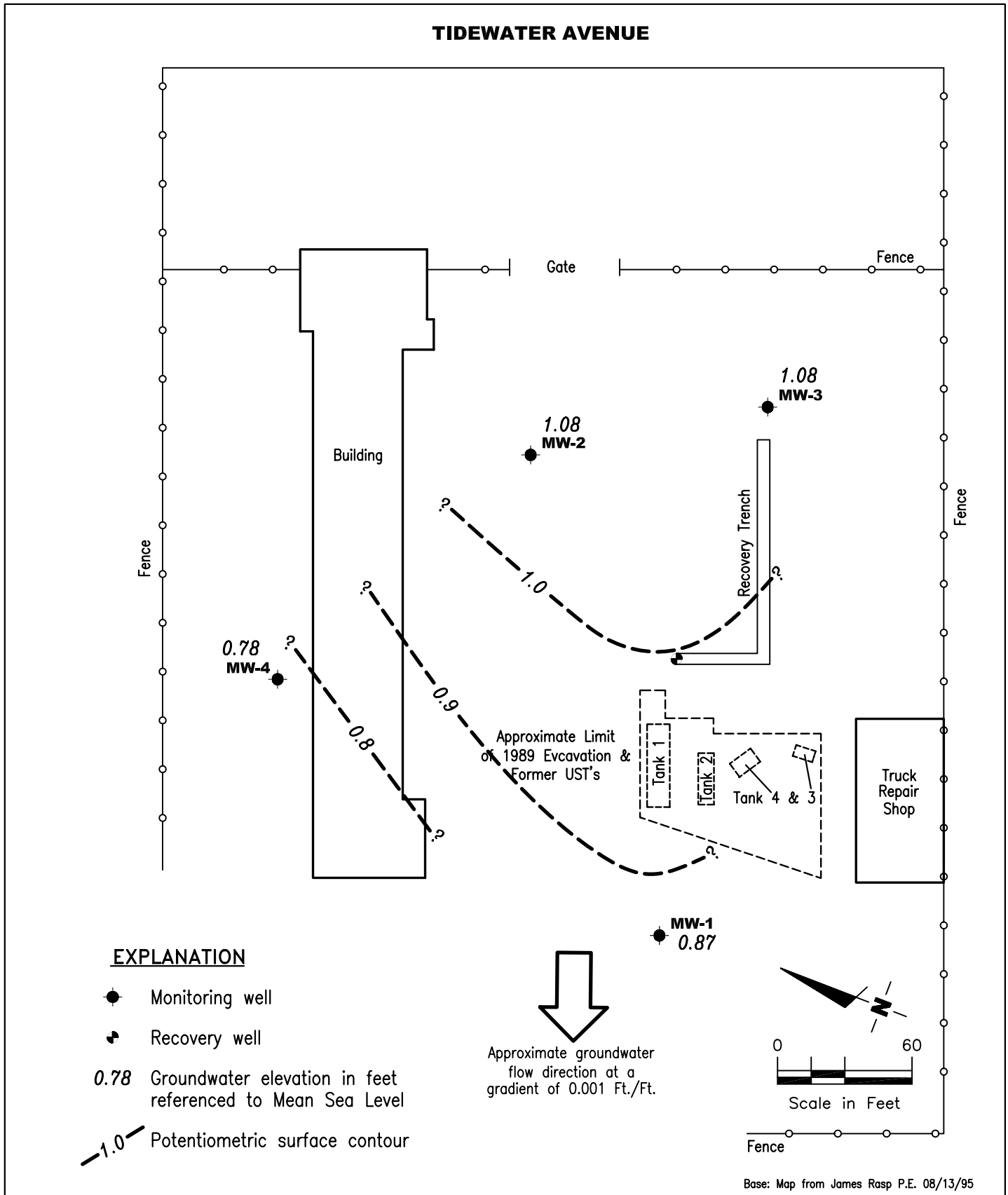

GROUNDWATER ELEVATION MAP - JULY 12, 2006

DATE 09/06 REVIEWED BY GJ	**HEITZ TRUCKING** 4919 Tidewater Oakland , California	JOB NUMBER 05-001-01 FIGURE 2

ERAS Environmental Inc.

ERAS 09-14-06 GWE05-06.dwg

TABLES

TABLE 1
GROUNDWATER ELEVATION DATA
4919 Tidewater Avenue
Oakland

Well Number	Date Monitored	Top of Casing Elevation (ft amsl)	Depth to Liquid (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Groundwater Elevation (ft amsl)
MW-1	14-Apr-94	2.68		1.26		1.42
	17-Nov-94	2.68		3.88		-1.20
	13-Aug-95	2.68		3.09		-0.41
	23-Aug-99	2.68		2.17		0.51
	26-May-99	2.68		2.29		0.39
	26-Apr-01	2.68		1.14		1.54
	5-Sep-02	2.68		2.15		0.53
	18-Aug-05	2.68	2.54	2.54	0	0.14
	19-Aug-05	2.68	6.1	6.10	0	-3.42
	25-Jan-06	2.68	2.02	2.02	0	0.66
	9-May-06	2.68	0.30	0.30	0	2.38
	12-Jul-06	2.68	1.81	1.81	0	0.87
MW-2	14-Apr-94	3.5		1.92		1.58
	18-Nov-94	3.5		1.78		1.72
	13-Aug-95	3.5		2.95		0.55
	23-Aug-99	3.5		2.89		0.61
	26-May-99	3.5		2.96		0.54
	26-Apr-01	3.5		1.74		1.76
	5-Sep-02	3.5		3.06		0.44
	18-Aug-05	3.5	2.62	2.62	0	0.88
	19-Aug-05	3.5	2.62	2.62	0	0.88
	25-Jan-06	3.5	1.27	1.27	0	2.23
	12-Jul-06	3.5	2.42	2.42	0	1.08
MW-3	14-Apr-94	2.9		1.33		1.57
	18-Nov-94	2.9		1.23		1.67
	13-Aug-95	2.9		2.18		0.72
	23-Aug-99	2.9		2.18		0.72
	26-May-99	2.9		2.50		0.40
	26-Apr-01	2.9		1.29		1.61
	5-Sep-02	2.9		2.34		0.56
	18-Aug-05	2.9	2.04	2.08	0.04	0.85
	19-Aug-05	2.9	2.07	2.10	0.03	0.82
	25-Jan-06	2.9	0.97	0.97	0	1.93
	12-Jul-06	2.9	1.82	1.82	0	1.08
MW-4	13-Aug-95	3.87		3.33		0.54
	26-May-99	3.87		3.31		0.56
	26-Apr-01	3.87		1.69		2.18
	5-Sep-02	3.87		3.31		0.56
	18-Aug-05	3.87	3.37	3.37	0	0.50
	19-Aug-05	3.87	3.46	3.46	0	0.41
	25-Jan-06	3.87	2.5	2.5	0	1.37
	12-Jul-06	3.87	3.09	3.09	0	0.78

NOTES

ft amsl = feet above mean sea level

Depth to water measured in feet below top of casing survey point.

Groundwater Elevation reported in feet above mean sea level.

TABLE 2
ANALYTICAL RESUTLS FOR MONITORING WELL GROUNDWATER SAMPLES
4919 Tidewater Avenue
Oakland, California

Well Number Sample Date	TPH-D	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
	all results in micrograms per liter						
MW-1							
14-Apr-94	ND	ND	ND	ND	ND	ND	NA
17-Nov-94	ND	ND	ND	ND	ND	ND	1,100
13-Aug-95	ND	ND	ND	ND	ND	ND	NA
26-May-99	ND	60	0.6	ND	0.8	1.9	ND
23-Aug-99	ND	NA	ND	ND	ND	ND	NA
16-Oct-00	150	<50	<0.5	<0.5	<0.5	<0.5	NA
26-Apr-01	1,300	<50	<0.5	<0.5	<0.5	<0.5	NA
5-Sep-02	<50	NA	<0.5	<0.5	<0.5	<1	9.8
18-Aug-05	410(x)	<50	<1	<1	<1	<1	6.0
25-Jan-06*	**3,600**	<50	2.3	<0.5	<0.5	1.2	11.0
12-Jul-06	100	<50	<0.5	<0.5	<0.5	<1	6.2
MW-2							
14-Apr-94	FP	FP	FP	FP	FP	FP	NA
17-Oct-94	28,000	ND	ND	ND	ND	ND	NA
13-Aug-95	180	ND	ND	ND	ND	ND	NA
26-May-99	120	ND	ND	ND	ND	ND	ND
23-Aug-99	61	NA	ND	ND	ND	ND	NA
16-Oct-00	3,400	570	<0.5	<0.5	<0.5	<0.5	NA
26-Apr-01	57,000	2,400	<0.5	<0.5	<0.5	<0.5	NA
5-Sep-02	27,100	NA	<0.5	<0.5	<0.5	<1	5.1
18-Aug-05	13,300	<50	<10	<10	<10	<10	<30
25-Jan-06*	**110,000**	**1,200**	<10	<10	<10	<20	<10
12-Jul-06	**5,900**	330	<0.5	<0.5	<0.5	<1	3.6
MW-3							
14-Apr-94	7,700	250	ND	ND	ND	1.2	NA
17-Oct-94	160,000	ND	ND	ND	ND	ND	NA
13-Aug-95	1,500	ND	ND	ND	ND	ND	NA
26-May-99	1,100	160	1.6	1.1	16	54.00	ND
23-Aug-99	84	NA	ND	ND	ND	ND	NA
16-Oct-00	42,000	130	0.52	<0.5	<0.5	<0.5	NA
26-Apr-01	21,000	310	<0.5	<0.5	<0.5	<0.5	NA
5-Sep-02	1,990	NA	<0.5	<0.5	<0.5	<1	31.1
18-Aug-05	FP	FP	FP	FP	FP	FP	FP
25-Jan-06*	**21,000**	440	<2.5	<2.5	<2.5	<5.0	29
12-Jul-06	**16,000**	280	<0.5	<0.5	<0.5	<1	47
MW-4							
13-Aug-95	ND	450	2.1	0.7	4.1	13	NA
26-May-99	100	600	0.7	ND	ND	5.8	ND
23-Aug-99	180	NA	ND	ND	ND	ND	NA
16-Oct-00	75,000	890	<0.5	<0.5	<0.5	11	NA
26-Apr-01	24,000	2,100	<0.5	<0.5	<0.5	<0.5	NA
5-Sep-02	17,000	NA	<0.5	<0.5	<0.5	<1	1.2
18-Aug-05	6,200	<50	<1	<1	<1	<1	<3
25-Jan-06	**8,200**	110	2.0	0.87	<0.5	2.3	4.5
12-Jul-06	**5,200**	250	<0.5	<0.5	<0.5	<1	0.93
ESL							
Aquatic Habitat	**640**	**500**	46	130	290	100	8,000

NOTES
TPH-D = Total petroleum hydrocarbon quantitated as diesel.
TPH-G = Total petroleum hydrocarbon quantitated as gasoline.
MTBE = Methyl tertiary butyl ether.
FP=Floating Product, monitoring well sample not collected
NA = Not analyzed.
<50 = Analyte not detected above the laboratory method reporting limit indicated.
ND = Analyte not detected above the laboratory method reporting limit indicated.
* = Q1 06 TPH-D sample collected on 2-Feb-06
(x) = Chromatogram does not resemble the typical diesel pattern.
ESL = Environmental Screening Levels for groundwater that is <u>not</u> potentioal groundwater

APPEMDIX A : STANDARD OPERATING PROCEDURES --- GROUNDWATER SAMPLING

Prior to groundwater sampling, a measurement is made of the static water level using a water level probe. At sites where the presence of separate-phase hydrocarbons is suspected, a product bailer or an interface probe is used to measure product thickness. The water level probe is cleaned with non-phosphate detergent and rinsed with de-ionized (DI) water between wells.

STANDARD PURGE PROCEDURES

The static water level and well depth are used to calculate the well casing volume. A minimum of 4 well casing volumes of water are purged from the well prior to sampling in order to obtain a representative sample of the groundwater from the formation surrounding the well. Wells should be purged and sampled in order of least to highest suspected concentrations.

Standard purging equipment is a new disposable bailer for each well. Alternatively, purging and sampling systems may be a stainless steel bailers; HDPE tubing with a foot-valve, or low-flow purging using a peristaltic pumps. Appropriate personal protective equipment is worn during purging. The well is purged until the clarity, pH, and conductivity of the discharged water has stabilized. "Stabilized" is defined as three consecutive readings within 10% of one another.

These parameters are measured and recorded initially, after every well casing volume is removed, and after the sample is collected. In some localities, turbidity, Eh, and dissolved oxygen measurements may also be required. If the well is purged dry prior to the removal of three or four casing volumes of water, the water level is allowed to recover to 80% of the static level before sampling. Whenever possible, samples will be collected within 24 hours after purging. Ideally, samples will be collected immediately after purging to minimize volatilization of aromatic hydrocarbons.

The standard sampling equipment will be inert polyethylene disposable bailers. New sampling gloves are worn during each sample collection. Sample containers typically consist, depending on the analysis, 40 milliliter volatile organic analysis (VOA) vials with Teflon septa, 1 liter amber glass bottles, or plastic bottles. HCl or other preservative are added to the sample containers as appropriate by the laboratory prior to sampling. The groundwater sample is decanted into each VOA vial to form a meniscus at the top to eliminate air bubbles when capped. The sample is labeled with date, time, sample number, project number and analysis. The samples are stored in a cooler with blue ice or ice, and delivered under chain-of-custody to the state-certified analytical laboratory. For quality control purposes, duplicate samples, trip blanks, and equipment blanks may also be collected. The duplicate sample is given a different number than the original sample from the same well. Trip blanks are prepared by the laboratory using DI water and remain in the cooler. Equipment blanks are collected from sampling equipment using DI water after the equipment has been decontaminated and rinsed.

All non-dedicated purging and sampling equipment is washed in non-phosphate detergent solution and double rinsed with DI water after use in every well to avoid cross-contamination. Purge water will be properly disposed or temporarily contained in labeled steel barrels pending chemical analysis to determine proper disposal procedure.

Appendix B

FIELD DATA FORMS

Groundwater Level Summary

Project Location: 4/19 TIDEWATER Date: 5-9-06

Project Number: 05-001 Inspector: KC

Meter Type (WLM/IFP) WLM Measure Point (TOC or other) _____

Well Number	Time Open	Time Measured	Time Sample (NP only)	Total Depth (Standard Purge only)	Depth to LNAPL	Depth to Water	Comments
MW-1	9:37	10:10		6.74		.03	APPEARS TO BE FLOATING PRODUCT
OB-5	9:41	10:12				3.96	
							WATER APPEARS TO BE PERCOLATING THRU WELL CAP (GROUT)

GROUNDWATER SAMPLE DATA

Well # MW-1

Project # 05-001 | Project Location 4515 IRONWOOD

Purge Date 5-9-06 | Personnel IGC

Purge Method DISP. BAILER | Purge Rate (pump only)

Parameter Meter ORION

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
6.74	~~30~~	~~6.77~~ 6.44	.17	1.09

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	NOTES
10:19	START	1361			
10:23	1	~~[illegible]~~	20.5	6.99	
10:25	DEWATER				

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
Y	1	1

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
14.90	5.9.06	11:29	DISP BAILER	1/LITER

Well # MW-1

GROUNDWATER SAMPLE DATA

Well # OB-5

Project # 05-001 | Project Location 4919 TIDEWATER

Purge Date 5-9-06 | Personnel KC

Purge Method DISP. BAILER | Purge Rate (pump only)

Parameter Meter OAKTON

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
~~15.00~~ 13.41	3.96	~~11.04~~ 9.45	.17	~~1.88~~ 1.6

13.41 x .8 = 10.72

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	NOTES
10:38	START				
10:40	DEWATER 1.25 GALS				
10:42	RECOVER				
10:00	RECOVERY 11.20				
11:15	DEPTH TO SAMPLE 10.95				
11:17	SAMPLE				

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
Y	1.25	1

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
10.95	5-9-06	11:17	DISP. BAILER	1 LITER

Well # OB-5

Groundwater Level Summary

Project Location: 4919 TIDEWATER Date: 7.12.06

Project Number: 05-001-01A Inspector: LKC

Meter Type (WLM/IFP) IFP Measure Point (TOC or other) _____

Well Number	Time Open	Time Measured	Time Sample (NP only)	Total Depth (Standard Purge only)	Depth to LNAPL	Depth to Water	Comments
MW-1	9:15	9:55		6.74		1.81	
MW-2	9:16	10:10		7.21		2.45?	10:20 - 2.42
MW-3	9:18	10:15		7.05		1.82	
MW-4	9:25	10:00		7.40		3.05	

GROUNDWATER SAMPLE DATA

Well # MW-1

Project # 05-001-01A

Project Location 4919 TIDEWATER

Purge Date 7.12.06

Personnel LC

Purge Method DISP BAILER

Purge Rate (pump only)

Parameter Meter ORION

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
6.74	1.81	4.93	.17	.83

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	Sheen (Y,N,U)	NOTES
10:23	START					
10:25	1	968	24.3	7.00	U	
10:30	DEWATER					
12:20	SAMPLE					
12:45	SAMPLE - TPHD				Y	

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
Y	1	1

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
—	7.12.06	12:20 12:25-TPHD	DISP BAILER	4/VOA 1/LITER

Well # MW-1

GROUNDWATER SAMPLE DATA

Well # MW-2

Project # 05-001-01A | Project Location 4919 TIDEWATER

Purge Date 7.12.06 | Personnel KC

Purge Method DISP. BAILER | Purge Rate (pump only)

Parameter Meter OAKTON

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
7.21	2.42	4.79	17	.81

REDO DTW

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	Sheen (Y,N,U)	NOTES
10:15	START					
10:19	1	547	25.2	6.82	N	
10:21	2	510	24.4	6.78	I	
10:26	3	521	24.8	6.77	N	
10:30	SAMPLE					
10:35	SAMPLE - TPHD					

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
N	3	3

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
—	7.12.06	11:30 11:35-TPHD	DISP. BAILER	4/0 VOA 2/LITER

Well # MW-2

GROUNDWATER SAMPLE DATA

Well # MW-3

Project # 05-001-01A

Project Location 4919 TEDLOW Dr

Purge Date 7.12.06

Personnel LC

Purge Method DISP. BAILER

Purge Rate (pump only)

Parameter Meter ORION

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
7.05	1.82	5.23	.17	.88

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	Sheen (Y,N,U)	NOTES
11:55	5 MIN				N	
11:57	1	646	25.5	6.99		
12:00	2	603	25.5	7.01		
12:03	3	569	25.4	7.03	N	
12:10	SAMPLE					
12:15	SAMPLE - TPHD					

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
N	3	3

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
✓	7.12.06	12:10 12:15-TPHD	DISP. BAILER	4/VOA 2/LITER

Well # MW-3

GROUNDWATER SAMPLE DATA

Well # MW-4

Project # 05-001-01A

Project Location 4919 TIDEWATER

Purge Date 7.12.06

Personnel JKC

Purge Method DISP. BAILER

Purge Rate (pump only)

Parameter Meter OAKTON

Depth to Bottom	- Depth to Water	= Casing volume	* Volume Factor 0.75"=.023 2"=0.17 4"=0.66	= Gallons per CV
7.40	3.05	4.35	.17	.73

Time (24 hour clock)	Gallons Removed	EC (uS/cm)	Temp [C]	pH	Sheen (Y,N,U)	NOTES
10:36	START					DIESEL SMELL
10:40	1	1124	22.7	7.06	Y	
10:44	2	1119	21.5	7.08	|	
10:47	3	1147	21.4	7.13	|	
10:52	SAMPLE				|	
10:55	SAMPLE-TPHD				Y	

Well Dewatered (Y/N)	Total Volume Removed (gal)	Casing Vol removed
N	3	3

Depth to Water at Sampling	Date Sampled	Time Sampled	Sample Method	#/type containers
~	7.12.06	10:50 10:55-TPHD	DISP. BAILER	4/VOA 2/LITER

Well # MW-4

Appendix C

LABORATORY REPORT AND CHAIN OF CUSTODY FORM

ANALYTICAL REPORT

Job Number: 720-3609-1

Job Description: 4919 Tidewater

For:
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Attention: Mr. Dave Siegel

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
05/17/2006
Revision: 1

Project Manager: Melissa Brewer

Case Narrative for job: 720-J3609-1

Client: ERAS Environmental, Inc.
Date: 05/17/2006

Semi Volatiles GC Analysis

Sample surrogate recovery out of control, matrix interference is evident.

Surrogate recovery for 3609#2 below the control limits . All other calibration and QC criteria were met.

Affected Items

720-3609-A-2-D

Batch: 720-9004
Method: 720-8015B_DRO

METHOD SUMMARY

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Silica Gel Cleanup	STL-SF		SW846 3630C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-3609-1	MW-1	Water	05/09/2006 1129	05/10/2006 1515
720-3609-2	OB-5	Water	05/09/2006 1117	05/10/2006 1515

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Client Sample ID: MW-1

Lab Sample ID: 720-3609-1
Client Matrix: Water

Date Sampled: 05/09/2006 1129
Date Received: 05/10/2006 1515

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/13/2006 0553
Date Prepared: 05/11/2006 0633

Analysis Batch: 720-8826
Prep Batch: 720-8773

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	2200		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	93	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Client Sample ID: MW-1

Lab Sample ID: 720-3609-1
Client Matrix: Water

Date Sampled: 05/09/2006 1129
Date Received: 05/10/2006 1515

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/16/2006 1031
Date Prepared: 05/15/2006 1224

Analysis Batch: 720-9014
Prep Batch: 720-8933

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 234 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	740		53

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	78	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Client Sample ID: OB-5

Lab Sample ID: 720-3609-2
Client Matrix: Water

Date Sampled: 05/09/2006 1117
Date Received: 05/10/2006 1515

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/15/2006 1639
Date Prepared: 05/15/2006 0527

Analysis Batch: 720-9004
Prep Batch: 720-8910

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	4200		50

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	2	*	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Client Sample ID: OB-5

Lab Sample ID: 720-3609-2
Client Matrix: Water

Date Sampled: 05/09/2006 1117
Date Received: 05/10/2006 1515

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/16/2006 1207
Date Prepared: 05/15/2006 1224

Analysis Batch: 720-9014
Prep Batch: 720-8933

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	2000		50

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	2	*	60 - 130

DATA REPORTING QUALIFIERS

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Lab Section	Qualifier	Description
GC Semi VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-8773				
LCS 720-8773/2-A	Lab Control Spike	Water	3510C	
LCSD 720-8773/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-8773/1-A	Method Blank	Water	3510C	
720-3609-1	MW-1	Water	3510C	
Prep Batch: 720-8910				
LCS 720-8910/2-A	Lab Control Spike	Water	3510C	
LCSD 720-8910/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-8910/1-A	Method Blank	Water	3510C	
720-3609-2	OB-5	Water	3510C	
Prep Batch: 720-8933				
LCS 720-8933/2-B	Lab Control Spike	Water	3510C	
LCSD 720-8933/3-B	Lab Control Spike Duplicate	Water	3510C	
MB 720-8933/1-B	Method Blank	Water	3510C	
720-3609-1	MW-1	Water	3510C	
720-3609-2	OB-5	Water	3510C	
Analysis Batch:720-8826				
LCS 720-8773/2-A	Lab Control Spike	Water	8015B	720-8773
LCSD 720-8773/3-A	Lab Control Spike Duplicate	Water	8015B	720-8773
MB 720-8773/1-A	Method Blank	Water	8015B	720-8773
720-3609-1	MW-1	Water	8015B	720-8773
Analysis Batch:720-9004				
LCS 720-8910/2-A	Lab Control Spike	Water	8015B	720-8910
LCSD 720-8910/3-A	Lab Control Spike Duplicate	Water	8015B	720-8910
MB 720-8910/1-A	Method Blank	Water	8015B	720-8910
720-3609-2	OB-5	Water	8015B	720-8910
Analysis Batch:720-9014				
LCS 720-8933/2-B	Lab Control Spike	Water	8015B	720-8933
LCSD 720-8933/3-B	Lab Control Spike Duplicate	Water	8015B	720-8933
MB 720-8933/1-B	Method Blank	Water	8015B	720-8933
720-3609-1	MW-1	Water	8015B	720-8933
720-3609-2	OB-5	Water	8015B	720-8933

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample	(OTPH) (%Rec)
720-3609-1	MW-1	93
720-3609-2	OB-5	2 *
LCS 720-8773/2-A		93
LCS 720-8910/2-A		86
LCS 720-8933/2-B		83
LCSD 720-8773/3-A		95
LCSD 720-8910/3-A		84
LCSD 720-8933/3-B		82
MB 720-8773/1-A		82
MB 720-8910/1-A		84
MB 720-8933/1-B		77

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Method Blank - Batch: 720-8773

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-8773/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1611
Date Prepared: 05/11/2006 0633

Analysis Batch: 720-8826
Prep Batch: 720-8773
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-8773

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-8773/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1236
Date Prepared: 05/11/2006 0633

Analysis Batch: 720-8826
Prep Batch: 720-8773
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-8773/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1303
Date Prepared: 05/11/2006 0633

Analysis Batch: 720-8826
Prep Batch: 720-8773
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	99	99	60 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	93	95	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Method Blank - Batch: 720-8910

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-8910/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1231
Date Prepared: 05/15/2006 0527

Analysis Batch: 720-9004
Prep Batch: 720-8910
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-8910

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-8910/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1258
Date Prepared: 05/15/2006 0527

Analysis Batch: 720-9004
Prep Batch: 720-8910
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-8910/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1326
Date Prepared: 05/15/2006 0527

Analysis Batch: 720-9004
Prep Batch: 720-8910
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	75	72	60 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	86	84	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Method Blank - Batch: 720-8933

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-8933/1-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1004
Date Prepared: 05/15/2006 1224

Analysis Batch: 720-9014
Prep Batch: 720-8933
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-8933

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-8933/2-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1004
Date Prepared: 05/15/2006 1224

Analysis Batch: 720-9014
Prep Batch: 720-8933
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-8933/3-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1031
Date Prepared: 05/15/2006 1224

Analysis Batch: 720-9014
Prep Batch: 720-8933
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	82	81	60 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	83	82	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Sacramento
880 Riverside Parkway

West Sacramento, CA 95605
phone 916-373-5600 fax 916-372-1059

720-3609

Chain of Custody Record

40909

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Dave Siegel	Site Contact: Bob Lawlor	Date:	COC No:
ERAS Environmental, Inc	Tel/Fax:	Lab Contact:	Carrier:	_____ of _____ COCs
1533 B Street	Analysis Turnaround Time			Job No.
Hayward, CA 94541	Calendar (C) or Work Days (W) _____W_____			
510.247.9885	TAT if different from Below _____			SDG No.
510.886.5399	☐ 2 weeks			
Project Name: 4919 Tidewater	☒ 1 week			
Site: 4919 Tidewater	☐ 2 days			
P O # 05-001-01B	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPHD	TPHD with silca Gel	Sample Specific Notes:
MW-1	5.9.06	11:29	Liter	W	1		X	X	
OB-5	5.9.06	11:17	Liter	W	1		X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Special Instructions/QC Requirements & Comments: GLOBAL ID: T0600100451 WE will also need a EDF and PDF.

5-10-06

Temp 2°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ERAS	5-5-5		STL-SF	5/10/06 0855
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	STL-SF	5/10/06 1515		STL-SF	5/10/06 1515
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ERAS Environmental, Inc. Job Number: 720-3609-1

Login Number: 3609

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 720-4574-1

Job Description: 4919 Tidewater

For:
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Attention: Mr. Dave Siegel

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
07/26/2006

Project Manager: Melissa Brewer

EXECUTIVE SUMMARY - Detections

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-4574-1	**MW-1**				
MTBE		6.2	0.50	ug/L	8260B
Diesel Range Organics [C10-C28]		100	50	ug/L	8015B
720-4574-2	**MW-2**				
MTBE		3.6	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		330	50	ug/L	8260B
Diesel Range Organics [C10-C28]		5900	50	ug/L	8015B
720-4574-3	**MW-3**				
MTBE		47	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		280	50	ug/L	8260B
Diesel Range Organics [C10-C28]		16000	250	ug/L	8015B
720-4574-4	**MW-4**				
MTBE		0.93	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		250	50	ug/L	8260B
Diesel Range Organics [C10-C28]		5200	50	ug/L	8015B

METHOD SUMMARY

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Silica Gel Cleanup	STL-SF		SW846 3630C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-4574-1	MW-1	Water	07/12/2006 1220	07/13/2006 1545
720-4574-2	MW-2	Water	07/12/2006 1030	07/13/2006 1545
720-4574-3	MW-3	Water	07/12/2006 1210	07/13/2006 1545
720-4574-4	MW-4	Water	07/12/2006 1050	07/13/2006 1545

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-4574-1
Client Matrix: Water

Date Sampled: 07/12/2006 1220
Date Received: 07/13/2006 1545

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/19/2006 2103
Date Prepared: 07/19/2006 2103

Analysis Batch: 720-11178

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	6.2		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	98	77 - 121
1,2-Dichloroethane-d4	73	73 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-2

Lab Sample ID: 720-4574-2
Client Matrix: Water

Date Sampled: 07/12/2006 1030
Date Received: 07/13/2006 1545

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/20/2006 1922
Date Prepared: 07/20/2006 1922

Analysis Batch: 720-11208

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	3.6		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	330		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	77 - 121
1,2-Dichloroethane-d4	116	73 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-4574-3
Client Matrix: Water

Date Sampled: 07/12/2006 1210
Date Received: 07/13/2006 1545

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/20/2006 1948
Date Prepared: 07/20/2006 1948

Analysis Batch: 720-11208

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	47		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	280		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	108	73 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-4

Lab Sample ID: 720-4574-4
Client Matrix: Water

Date Sampled: 07/12/2006 1050
Date Received: 07/13/2006 1545

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/19/2006 2221
Date Prepared: 07/19/2006 2221

Analysis Batch: 720-11178

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	0.93		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	250		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	96	77 - 121
1,2-Dichloroethane-d4	77	73 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-1

Lab Sample ID: 720-4574-1
Client Matrix: Water

Date Sampled: 07/12/2006 1220
Date Received: 07/13/2006 1545

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 07/17/2006 1632
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	100		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	84	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-2

Lab Sample ID: 720-4574-2
Client Matrix: Water

Date Sampled: 07/12/2006 1030
Date Received: 07/13/2006 1545

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 07/17/2006 1700
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	5900		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	79	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-3

Lab Sample ID: 720-4574-3
Client Matrix: Water

Date Sampled: 07/12/2006 1210
Date Received: 07/13/2006 1545

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 5.0
Date Analyzed: 07/17/2006 1728
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	16000		250

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Client Sample ID: MW-4

Lab Sample ID: 720-4574-4
Client Matrix: Water

Date Sampled: 07/12/2006 1050
Date Received: 07/13/2006 1545

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 07/17/2006 1755
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	5200		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	80	60 - 130

DATA REPORTING QUALIFIERS

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Lab Section	Qualifier	Description
GC Semi VOA		
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-11178				
LCS 720-11178/12	Lab Control Spike	Water	8260B	
LCSD 720-11178/11	Lab Control Spike Duplicate	Water	8260B	
MB 720-11178/13	Method Blank	Water	8260B	
720-4574-1	MW-1	Water	8260B	
720-4574-4	MW-4	Water	8260B	
720-4574-4MS	Matrix Spike	Water	8260B	
720-4574-4MSD	Matrix Spike Duplicate	Water	8260B	
Analysis Batch:720-11208				
LCS 720-11208/20	Lab Control Spike	Water	8260B	
LCSD 720-11208/19	Lab Control Spike Duplicate	Water	8260B	
MB 720-11208/21	Method Blank	Water	8260B	
720-4574-2	MW-2	Water	8260B	
720-4574-3	MW-3	Water	8260B	
720-4599-A-13 MS	Matrix Spike	Water	8260B	
720-4599-A-13 MSD	Matrix Spike Duplicate	Water	8260B	
GC Semi VOA				
Prep Batch: 720-10954				
LCS 720-10954/2-B	Lab Control Spike	Water	3510C	
LCSD 720-10954/3-B	Lab Control Spike Duplicate	Water	3510C	
MB 720-10954/1-B	Method Blank	Water	3510C	
720-4574-1	MW-1	Water	3510C	
720-4574-2	MW-2	Water	3510C	
720-4574-3	MW-3	Water	3510C	
720-4574-4	MW-4	Water	3510C	
Analysis Batch:720-11123				
LCS 720-10954/2-B	Lab Control Spike	Water	8015B	720-10954
LCSD 720-10954/3-B	Lab Control Spike Duplicate	Water	8015B	720-10954
MB 720-10954/1-B	Method Blank	Water	8015B	720-10954
720-4574-1	MW-1	Water	8015B	720-10954
720-4574-2	MW-2	Water	8015B	720-10954
720-4574-3	MW-3	Water	8015B	720-10954
720-4574-4	MW-4	Water	8015B	720-10954

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-4574-1	MW-1	73	98
720-4574-2	MW-2	116	102
720-4574-3	MW-3	108	100
720-4574-4	MW-4	77	96
720-4574-4MS	MW-4	79	96
720-4574-4MSD	MW-4	73	98
720-4599-A-13 MS		96	103
720-4599-A-13 MSD		95	101
LCS 720-11178/12		76	99
LCS 720-11208/20		95	107
LCSD 720-11178/11		75	99
LCSD 720-11208/19		98	97
MB 720-11178/13		77	100
MB 720-11208/21		104	104

Surrogate		Acceptance Limits
(12DCE)	1,2-Dichloroethane-d4	73 - 130
(TOL)	Toluene-d8	77 - 121

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Water

Lab Sample ID	Client Sample	(OTPH) (%Rec)
720-4574-1	MW-1	84
720-4574-2	MW-2	79
720-4574-3	MW-3	0 D
720-4574-4	MW-4	80
LCS 720-10954/2-B		69
LCSD 720-10954/3-B		73
MB 720-10954/1-B		82

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	60 - 130

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Method Blank - Batch: 720-11178

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-11178/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2006 2033
Date Prepared: 07/19/2006 2033

Analysis Batch: 720-11178
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	77	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-11178

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-11178/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2006 1941
Date Prepared: 07/19/2006 1941

Analysis Batch: 720-11178
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200607\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-11178/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2006 2007
Date Prepared: 07/19/2006 2007

Analysis Batch: 720-11178
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200607\071
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	115	112	69 - 129	3	25		
Toluene	128	126	70 - 130	2	25		
MTBE	113	130	65 - 165	14	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	99	99	77 - 121
1,2-Dichloroethane-d4	76	75	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-11178

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4574-4	Analysis Batch: 720-11178	Instrument ID: Saturn 3900B
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	07/19/2006 2247		Final Weight/Volume: 10 mL
Date Prepared:	07/19/2006 2247		

MSD Lab Sample ID:	720-4574-4	Analysis Batch: 720-11178	Instrument ID: Saturn 3900B
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\07
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	07/19/2006 2313		Final Weight/Volume: 10 mL
Date Prepared:	07/19/2006 2313		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	95	102	69 - 129	7	20		
Toluene	109	121	70 - 130	10	20		
MTBE	110	113	65 - 165	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	96	98	77 - 121
1,2-Dichloroethane-d4	79	73	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Method Blank - Batch: 720-11208

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-11208/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/20/2006 1052
Date Prepared: 07/20/2006 1052

Analysis Batch: 720-11208
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	104	77 - 121
1,2-Dichloroethane-d4	104	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-11208

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-11208/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/20/2006 0932
Date Prepared: 07/20/2006 0932

Analysis Batch: 720-11208
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\0
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-11208/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/20/2006 0959
Date Prepared: 07/20/2006 0959

Analysis Batch: 720-11208
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\072
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	92	97	69 - 129	6	25		
Toluene	101	100	70 - 130	1	25		
MTBE	95	110	65 - 165	14	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	107	97	77 - 121
1,2-Dichloroethane-d4	95	98	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-11208

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4599-A-13 MS	Analysis Batch: 720-11208	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\(
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	07/20/2006 1146		Final Weight/Volume: 40 mL
Date Prepared:	07/20/2006 1146		

MSD Lab Sample ID:	720-4599-A-13 MSD	Analysis Batch: 720-11208	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\07
Dilution:	5.0		Initial Weight/Volume: 40 mL
Date Analyzed:	07/20/2006 1213		Final Weight/Volume: 40 mL
Date Prepared:	07/20/2006 1213		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	100	69 - 129	2	20		
Toluene	106	108	70 - 130	1	20		
MTBE	105	105	65 - 165	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	103	101	77 - 121
1,2-Dichloroethane-d4	96	95	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Method Blank - Batch: 720-10954

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-10954/1-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2006 2339
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-10954

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-10954/2-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2006 2312
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-10954/3-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2006 2339
Date Prepared: 07/14/2006 0855

Analysis Batch: 720-11123
Prep Batch: 720-10954
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	83	84	60 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	69	73	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Sacramento
880 Riverside Parkway

West Sacramento, CA 95605
phone 916-373-5600 fax 916-372-1059

720-4574

Chain of Custody Record

SEVERN TRENT STL

ICC, SC

Severn Trent Laboratories, Inc.

07/26/2006

Client Contact	Project Manager: Dave Siegel	Site Contact: Bob Lawlor	Date: 7.12.06	COC No:
ERAS Environmental, Inc	Tel/Fax:	Lab Contact:	Carrier:	_____ of _____ COCs
1533 B Street	**Analysis Turnaround Time**			Job No.
Hayward, CA 94541	Calendar (C) or Work Days (W) _____W_____			
510.247.9885	TAT if different from Below _____			SDG No.
510.886.5399	[X] 2 weeks			
Project Name: 4919 Tidewater	[ ] 1 week			
Site:	[ ] 2 days			
P O # 05-001-01A	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPHG/BTEX/MTBE by 8260	TPHD	Sample Specific Notes:
MW-1	7.12.06	12:20	Water	VOA-2	4		X		
MW-1	7.12.06	12:25	Water	Liter	1			X	
MW-2	7.12.06	10:30	Water	VOA-2	4		X		
MW-2	7.12.06	10:35	Water	Liter	2			X	
MW-3	7.12.06	12:10	Water	VOA-2	4		X		
MW-3	7.12.06	12:15	Water	Liter	2			X	
MW-4	7.12.06	10:50	Water	VOA-2	4		X		
MW-4	7.12.06	10:55	Water	Liter	2			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* [ ] *Poison B* [ ] *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] *Return To Client* [ ] *Disposal By Lab* [ ] *Archive For _____ Months*

Special Instructions/QC Requirements & Comments: GLOBAL ID: T0600100451 WE will also need a EDF and PDF.
PLEASE NOTE: This invoice is to billed directly to Bob Lawlor; 4919 Tidewater, Unit B, Oakland

TEMP 2°C

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	ERAS	7.12.06 11:25		STL-SF	7/13/06 1125
Relinquished by:	STL-SF	7/13/06 15:45		STL-SF	7/13/06 1545
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ERAS Environmental, Inc. Job Number: 720-4574-1

Login Number: 4574

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix D

GEOTRACKER UPLOAD CONFIRMATION FORMS

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 2635346055
Date/Time of Submittal: 10/19/2006 12:12:57 PM
Facility Global ID: T0600100451
Facility Name: DI SALVO TRUCKING
Submittal Title: 4919 - resample Q2.06 - EDF
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

DI SALVO TRUCKING
4919 TIDEWATER AV E
OAKLAND, CA 94601

Regional Board - Case #: 01-0495
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: 3687
ALAMEDA COUNTY LOP - **(BC)**

CONF #	TITLE	QUARTER
2635346055	4919 - resample Q2.06 - EDF	Q2 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Kasey Cordoza	10/19/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED: SW8015B
TESTED FOR REQUIRED ANALYTES? N

MISSING PARAMETERS NOT TESTED:

- SW8015B REQUIRES MTBE TO BE TESTED
- SW8015B REQUIRES ETBE TO BE TESTED
- SW8015B REQUIRES TAME TO BE TESTED
- SW8015B REQUIRES DIPE TO BE TESTED
- SW8015B REQUIRES TBA TO BE TESTED
- SW8015B REQUIRES DCA12 TO BE TESTED
- SW8015B REQUIRES EDB TO BE TESTED
- SW8015B REQUIRES BZ TO BE TESTED
- SW8015B REQUIRES BZME TO BE TESTED
- SW8015B REQUIRES EBZ TO BE TESTED
- SW8015B REQUIRES XYLENES TO BE TESTED

LAB NOTE DATA QUALIFIERS: Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0

LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Date/Time of Submittal: 9/21/2006 1:32:21 PM
Facility Global ID: T0600100451
Facility Name: DI SALVO TRUCKING
Submittal Title: 4919 - Q3.06 - EDF - 9.21.06
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

DI SALVO TRUCKING
4919 TIDEWATER AV E
OAKLAND, CA 94601

Regional Board - Case #: 01-0495
SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency (lead agency) - Case #: 3687
ALAMEDA COUNTY LOP - **(BC)**

CONF #	TITLE	QUARTER
7583021223	4919 - Q3.06 - EDF - 9.21.06	Q3 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Kasey Cordoza	9/21/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED: SW8015B,SW8260B

TESTED FOR REQUIRED ANALYTES? N

MISSING PARAMETERS NOT TESTED:

- SW8015B REQUIRES ETBE TO BE TESTED
- SW8015B REQUIRES TAME TO BE TESTED
- SW8015B REQUIRES DIPE TO BE TESTED
- SW8015B REQUIRES TBA TO BE TESTED
- SW8015B REQUIRES DCA12 TO BE TESTED
- SW8015B REQUIRES EDB TO BE TESTED
- SW8260B REQUIRES ETBE TO BE TESTED
- SW8260B REQUIRES TAME TO BE TESTED
- SW8260B REQUIRES DIPE TO BE TESTED
- SW8260B REQUIRES TBA TO BE TESTED
- SW8260B REQUIRES DCA12 TO BE TESTED
- SW8260B REQUIRES EDB TO BE TESTED

LAB NOTE DATA QUALIFIERS: Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS: 0

METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
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SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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