Falcon Refinery Superfund Site
Ingleside
San Patricio County, Texas
TXD 086 278 058

Monthly Progress Report # 63

July 2011

Prepared for

National Oil and Recovery Corporation
3717 Bowne Street
Flushing, NY 11354

Prepared by

505 East Huntland Drive
Suite 250
Austin, Texas 78752

August 10, 2011

9568602

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1.0 INTRODUCTION

This sixty-third Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering August, 2011 will be submitted on or before September 10, 2011.

2.0 COMPLETED ACTIVITIES

2.1 Removal Action Activities

During June rainwater, that had entered the tanks through holes in the roofs of the tanks and came in contact with sludge in the bottoms of the tanks in Tanks 10, 17 through 24, 27 and 30 (Figure 1), was transferred into Tank 26. By moving the liquid to Tank 26 the remaining tanks that contained waste can be cleaned using the approved addendum to the Removal Action Work Plan. Estimates indicate that after the transfer there are 1.3 million gallons of rainwater in Tank 26.

Also liquid waste in Tank 2 was transferred to Tank 7 on the north property. Estimates indicate that Tank 7 contains approximately 600,000 gallons.

Following the transfer of rainwater from the tanks, sludge in the bottoms of the tanks was sampled to characterize the waste for proper disposal. Provided in Appendix 1 are the results of water and sludge sampling from the tanks. Sludge results were provided to US Ecology for waste characterization and the water results will be provided to the TCEQ in the Discharge Permit Application.

A permit to discharge the rainwater via irrigation from Tank 26 to the vacant field on the southwestern portion of the refinery property has been completed and will be submitted to the TCEQ during August. Prior to any discharge of rainwater the water will be passed through activated carbon and sampled to ensure that no contaminants are discharged.

To date a total of approximately 7,774,721 gallons of hazardous waste have been removed from all of the above ground tanks and disposed via deep well injection at Texas Molecular.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Apparently due to holes in the tops of the tanks the volume of waste has increased due to rainfall, since more waste has been disposed of than was originally measured.

A compilation of hazardous liquid waste disposal is included as Table 1.

2.2 Remedial Investigation / Feasibility Study (RI/FS)

Upon authorization to commence work NORCO will implement the Phase II RI/FS Field Sampling Plan and further actions associated with the RI/FS.

3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD

None

4.0 COMMUNITY RELATIONS

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. Information can be found by going to www.epaosc.net and selecting web sites, then Region 6 and then the Falcon Refinery Site.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

No changes were made during July.

6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS

6.1 Removal Action Work projected for the next two months includes:

- Implement Removal Action Work Plan Addendum No.3;
- Dispose sludge at US Ecology and clean out Tanks 2 and 10;
- Continued site maintenance; and
- Apply for a land discharge permit through the TCEQ.

6.2 RI/FS Work projected for the next two months includes:

- Implementing the Phase II Field Sampling Plan, including:
    - Obtaining access agreements from land owners for offsite sampling locations; and
    - Contracting for drilling and analytical testing.

7.0 LABORATORY / MONITORING DATA

Analytical results of tank and sludge sampling are provided in Appenix 1. The analytical results were used for the TCEQ Discharge Permit Application and supplied to US Ecology for waste characterization.

FIGURE

Source: National Agriculture Imagery Program (NAIP) 2009 Aerial Photography.

N

0 200 400
Feet

ABOVE GROUND STORAGE TANK MAP

FALCON REFINERY
INGELSIDE, SAN PATRICIO COUNTY, TEXAS

PROJECT NO.: 182978 | DATE: 4/29/2011

TRC
505 EAST HUNTLAND DRIVE
SUITE 250
AUSTIN, TEXAS 78752
512-329-6080

FIGURE
1

TABLES

Table 1. Hazardous Liquid Waste Disposal

DISPOSAL FACILITY		ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP		**6901 Greenwood Dr. Corpus Christi, TX**	**361-852-8284**	**TXR000001016**	**Robert Rodriguez**
RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)					
		Month	**Volume (gal)**		
		October-04	53,832		
		November-04	734,763		
		December-04	879,158		
		January-05	783,881		
		February-05	551,444		
		March-05	565,489		
		April-05	445,107		
		May-05	471,311		
		December-05	42,550		
		January-06	58,740		
		February-06	59,140		
		March-06	0		
		April-06	29,371		
		May-06	59,018		
		June-06	97,151		
		July-06	118,743		
		August-06	148,509		
		September-06	109,908		
		October-06	86,665		
		November-06	140,498		
		December-06	85,813		
		January-07	118,541		
		February-07	107,985		
		March-07	152,493		
		April-07	121,588		
		May-07	150,368		
		June-07	87,900		
		July-07	143,485		
		August-07	94,727		
		September-07	0		
		October-07	50,298		
		November-07	151,227		
		December-07	112,285		
		January-08	119,353		
		February-08	88,777		
		March-08	60,913		
		April-08	18,695		
		May-08	25,349		
		June-08	0		

		July-08	250,475		
		August-08	331,248		
		September-08	67,923		
		October-08	0		
		November-08	0		
		December-08	0		
		January-09	0		
		February-09	0		
		March-09	0		
		April-09	0		
		May-09	0		
		June-09	0		
		July-09	0		
		Total	**7,774,721**		

Table 2. Metal Disposal

DISPOSAL FACILITY		ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company		**4614 Agnes St Corpus Christi, TX**	**361-884-4071**	**None**	**David**
		RECYCLED METAL			
		Month	**Volume (lbs)**		
		October-04	0		
		November-04	16,820		
		December-04	19,640		
		January-05	31,380		
		February-05	0		
		Total	**67,840**		
		FIRE EXTINGUISHERS			
		Month	**Quantity**		
		December-04	10		
		Total	**10**		
	Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site. The powder was disposed of properly and the metal went to salvage.				

Table 3. Contaminated Soil and Oily Debris Disposal

DISPOSAL FACILITY		ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.		P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner
	PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS				
		Month	Volume (cy)		
		October-04	0		
		November-04	0		
		December-04	40		
		January-05	0		
		February-05	0		
		Total	**40**		
RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)					
		Month	Volume (cy)		
		February-05	15		
		Total	**15**		

Table 4. Oil and Filter Disposal

DISPOSAL FACILITY		ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP		6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
		RECYLCED OIL AND FILTERS			
		Month	Volume (gal)		
		January-05	403		
		February-05	0		
		Total	**403**		
DISPOSAL FACILITY		ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC		2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke
		RECYLCED OIL AND FILTERS			
		Month	Volume (gal)		
		January-05	16,651		
		February-05	0		
		Total	**16,651**		

Appendix 1
Laboratory Analytical Data

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-26154-1
Client Project/Site: Falcon

For:
TRC Solutions, Inc.
10011 Meadowglen
Suite 100
Houston, Texas 77042

Attn: Richard Kotzur

Erica H Padilla

Authorized for release by:
05/27/2011 02:22:35 PM

Erica Padilla
Project Manager I
erica.padilla@testamericainc.com

LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 560-26154-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-26154-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following samples were diluted due to the nature of the sample extract: 560-26154-1, -2, -3, and -4. Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
Method 3520C: Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 59985.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Solutions, Inc.
Project/Site: Falcon

TestAmerica Job ID: 560-26154-1

Client Sample ID: Tank 26 — Lab Sample ID: 560-26154-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	29	J	50	25	ug/L	5		8260B	Total/NA
Methyl tert-butyl ether	780		5.0	1.0	ug/L	5		8260B	Total/NA
Benzene	320		5.0	0.70	ug/L	5		8260B	Total/NA
Toluene	50		5.0	1.5	ug/L	5		8260B	Total/NA
Ethylbenzene	130		5.0	1.0	ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	12		5.0	1.0	ug/L	5		8260B	Total/NA
1,2,4-Trimethylbenzene	44		5.0	1.0	ug/L	5		8260B	Total/NA
Xylenes, Total	250		15	1.1	ug/L	5		8260B	Total/NA
2-Methylphenol	9.7	J	54	2.6	ug/L	5		8270C	Total/NA
2,4-Dimethylphenol	39	J	54	3.0	ug/L	5		8270C	Total/NA
Naphthalene	210		54	2.6	ug/L	5		8270C	Total/NA
2-Methylnaphthalene	23	J	54	2.3	ug/L	5		8270C	Total/NA
Acenaphthene	4.2	J	54	3.1	ug/L	5		8270C	Total/NA
Fluorene	16	J	54	3.3	ug/L	5		8270C	Total/NA
Phenanthrene	12	J	54	2.8	ug/L	5		8270C	Total/NA
Anthracene	3.0	J	54	2.2	ug/L	5		8270C	Total/NA
Fluoranthene	6.5	J	54	2.7	ug/L	5		8270C	Total/NA
Pyrene	18	J	54	5.4	ug/L	5		8270C	Total/NA
Benzo[a]anthracene	9.9	J	54	2.7	ug/L	5		8270C	Total/NA
Chrysene	21	J	54	2.7	ug/L	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	11	J	54	10	ug/L	5		8270C	Total/NA
Benzo[b]fluoranthene	4.5	J	54	2.7	ug/L	5		8270C	Total/NA
Benzo[a]pyrene	7.0	J	54	2.7	ug/L	5		8270C	Total/NA
Benzo[g,h,i]perylene	2.8	J	54	2.7	ug/L	5		8270C	Total/NA
Ba	0.75		0.010	0.0020	mg/L	1		6010B	Total/NA
Cd	0.00043	J	0.0050	0.00034	mg/L	1		6010B	Total/NA
Cr	0.0030	J	0.010	0.0011	mg/L	1		6010B	Total/NA
Pb	0.022		0.010	0.0033	mg/L	1		6010B	Total/NA

Client Sample ID: Tank 10 — Lab Sample ID: 560-26154-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		10	5.0	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	1.7		1.0	0.20	ug/L	1		8260B	Total/NA
Benzene	7.3		1.0	0.14	ug/L	1		8260B	Total/NA
Toluene	0.67	J	1.0	0.30	ug/L	1		8260B	Total/NA
Ethylbenzene	1.2		1.0	0.20	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.2		1.0	0.20	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	1.3		1.0	0.20	ug/L	1		8260B	Total/NA
Xylenes, Total	4.4		3.0	0.23	ug/L	1		8260B	Total/NA
Pyrene	2.9	J	22	2.2	ug/L	2		8270C	Total/NA
Benzo[a]anthracene	1.1	J	22	1.1	ug/L	2		8270C	Total/NA
Chrysene	2.0	J	22	1.1	ug/L	2		8270C	Total/NA
Ba	0.18		0.010	0.0020	mg/L	1		6010B	Total/NA
Cd	0.0021	J	0.0050	0.00034	mg/L	1		6010B	Total/NA
Cr	0.0057	J	0.010	0.0011	mg/L	1		6010B	Total/NA
Pb	0.028		0.010	0.0033	mg/L	1		6010B	Total/NA
Mercury	0.00016	J	0.0020	0.00013	mg/L	1		7470A	Total/NA

Client Sample ID: Tank 30 — Lab Sample ID: 560-26154-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2500		20	2.8	ug/L	20		8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	7.2	J	100	2.3	ug/L	20		8260B	Total/NA

Client Sample ID: Tank 30 (Continued) — Lab Sample ID: 560-26154-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	290		20	4.0	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	68		20	4.0	ug/L	20		8260B	Total/NA
1,2,4-Trimethylbenzene	190		20	4.0	ug/L	20		8260B	Total/NA
Xylenes, Total	1400		60	4.5	ug/L	20		8260B	Total/NA
Phenol	8.4	J	53	5.3	ug/L	5		8270C	Total/NA
3 & 4 Methylphenol	6.3	J	110	4.7	ug/L	5		8270C	Total/NA
2,4-Dimethylphenol	110		53	3.0	ug/L	5		8270C	Total/NA
Naphthalene	180		53	2.5	ug/L	5		8270C	Total/NA
2-Methylnaphthalene	200		53	2.3	ug/L	5		8270C	Total/NA
Acenaphthene	10	J	53	3.0	ug/L	5		8270C	Total/NA
Fluorene	13	J	53	3.2	ug/L	5		8270C	Total/NA
Phenanthrene	44	J	53	2.7	ug/L	5		8270C	Total/NA
Anthracene	7.5	J	53	2.1	ug/L	5		8270C	Total/NA
Fluoranthene	6.6	J	53	2.7	ug/L	5		8270C	Total/NA
Pyrene	38	J	53	5.3	ug/L	5		8270C	Total/NA
Benzo[a]anthracene	14	J	53	2.7	ug/L	5		8270C	Total/NA
Chrysene	25	J	53	2.7	ug/L	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	11	J	53	10	ug/L	5		8270C	Total/NA
Benzo[b]fluoranthene	6.2	J	53	2.7	ug/L	5		8270C	Total/NA
Benzo[a]pyrene	9.1	J	53	2.7	ug/L	5		8270C	Total/NA
Benzo[g,h,i]perylene	3.8	J	53	2.7	ug/L	5		8270C	Total/NA
Ba	3.6		0.010	0.0020	mg/L	1		6010B	Total/NA
Cr	0.0064	J	0.010	0.0011	mg/L	1		6010B	Total/NA
Pb	0.0081	J	0.010	0.0033	mg/L	1		6010B	Total/NA
Mercury	0.0013	J	0.0020	0.00013	mg/L	1		7470A	Total/NA

Client Sample ID: Tank 7 — Lab Sample ID: 560-26154-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1500		14	2.8	ug/L	14		8260B	Total/NA
Benzene	240		14	2.0	ug/L	14		8260B	Total/NA
Toluene	510		14	4.2	ug/L	14		8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	3.1	J	70	1.6	ug/L	14		8260B	Total/NA
Ethylbenzene	170		14	2.8	ug/L	14		8260B	Total/NA
1,3,5-Trimethylbenzene	21		14	2.8	ug/L	14		8260B	Total/NA
1,2,4-Trimethylbenzene	81		14	2.8	ug/L	14		8260B	Total/NA
Xylenes, Total	530		42	3.2	ug/L	14		8260B	Total/NA
Phenol	9.8	J	55	5.5	ug/L	5		8270C	Total/NA
2-Methylphenol	33	J	55	2.7	ug/L	5		8270C	Total/NA
2,4-Dimethylphenol	66		55	3.1	ug/L	5		8270C	Total/NA
Naphthalene	370		55	2.6	ug/L	5		8270C	Total/NA
2-Methylnaphthalene	220		55	2.4	ug/L	5		8270C	Total/NA
Acenaphthene	14	J	55	3.1	ug/L	5		8270C	Total/NA
Fluorene	30	J	55	3.3	ug/L	5		8270C	Total/NA
Phenanthrene	170		55	2.8	ug/L	5		8270C	Total/NA
Anthracene	8.7	J	55	2.2	ug/L	5		8270C	Total/NA
Fluoranthene	5.8	J	55	2.7	ug/L	5		8270C	Total/NA
Pyrene	19	J	55	5.5	ug/L	5		8270C	Total/NA
Benzo[a]anthracene	7.1	J	55	2.7	ug/L	5		8270C	Total/NA
Chrysene	16	J	55	2.7	ug/L	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	89		55	10	ug/L	5		8270C	Total/NA
Benzo[b]fluoranthene	3.5	J	55	2.7	ug/L	5		8270C	Total/NA
As	0.0095	J	0.010	0.0035	mg/L	1		6010B	Total/NA
Ba	0.88		0.010	0.0020	mg/L	1		6010B	Total/NA

Detection Summary

Client: TRC Solutions, Inc.
Project/Site: Falcon

TestAmerica Job ID: 560-26154-1

Client Sample ID: Tank 7 (Continued) — Lab Sample ID: 560-26154-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cd	0.00052	J	0.0050	0.00034	mg/L	1		6010B	Total/NA
Cr	0.016		0.010	0.0011	mg/L	1		6010B	Total/NA
Pb	0.12		0.010	0.0033	mg/L	1		6010B	Total/NA
Mercury	0.00031	J	0.0020	0.00013	mg/L	1		7470A	Total/NA

Client Sample ID: Tank 26

Lab Sample ID: 560-26154-1

Date Collected: 05/20/11 10:10

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<2.1		25	2.1	ug/L			05/26/11 17:51	5
Chloromethane	<2.0		25	2.0	ug/L			05/26/11 17:51	5
Vinyl chloride	<1.5		5.0	1.5	ug/L			05/26/11 17:51	5
Bromomethane	<2.0		25	2.0	ug/L			05/26/11 17:51	5
Chloroethane	<2.0		25	2.0	ug/L			05/26/11 17:51	5
Trichlorofluoromethane	<1.2		5.0	1.2	ug/L			05/26/11 17:51	5
Ethyl ether	<0.68		5.0	0.68	ug/L			05/26/11 17:51	5
1,1-Dichloroethene	<1.5		5.0	1.5	ug/L			05/26/11 17:51	5
Carbon disulfide	<2.5		25	2.5	ug/L			05/26/11 17:51	5
Iodomethane	<1.1		5.0	1.1	ug/L			05/26/11 17:51	5
Methylene Chloride	<10		25	10	ug/L			05/26/11 17:51	5
Acetone	**29**	**J**	50	25	ug/L			05/26/11 17:51	5
trans-1,2-Dichloroethene	<1.0		5.0	1.0	ug/L			05/26/11 17:51	5
Methyl tert-butyl ether	**780**		5.0	1.0	ug/L			05/26/11 17:51	5
Acetonitrile	<50		250	50	ug/L			05/26/11 17:51	5
1,1-Dichloroethane	<0.84		5.0	0.84	ug/L			05/26/11 17:51	5
Vinyl acetate	<1.5		25	1.5	ug/L			05/26/11 17:51	5
cis-1,2-Dichloroethene	<0.60		5.0	0.60	ug/L			05/26/11 17:51	5
2,2-Dichloropropane	<1.7		5.0	1.7	ug/L			05/26/11 17:51	5
Chloroform	<1.0		5.0	1.0	ug/L			05/26/11 17:51	5
Ethyl acetate	<1.5		25	1.5	ug/L			05/26/11 17:51	5
Carbon tetrachloride	<1.3		5.0	1.3	ug/L			05/26/11 17:51	5
1,1,1-Trichloroethane	<1.5		5.0	1.5	ug/L			05/26/11 17:51	5
1,1-Dichloropropene	<0.92		5.0	0.92	ug/L			05/26/11 17:51	5
Benzene	**320**		5.0	0.70	ug/L			05/26/11 17:51	5
1,2-Dichloroethane	<0.80		5.0	0.80	ug/L			05/26/11 17:51	5
Trichloroethene	<1.6		5.0	1.6	ug/L			05/26/11 17:51	5
Dibromomethane	<0.82		5.0	0.82	ug/L			05/26/11 17:51	5
1,2-Dichloropropane	<0.86		5.0	0.86	ug/L			05/26/11 17:51	5
Dichlorobromomethane	<0.88		5.0	0.88	ug/L			05/26/11 17:51	5
Methyl methacrylate	<0.98		25	0.98	ug/L			05/26/11 17:51	5
1,4-Dioxane	<200		500	200	ug/L			05/26/11 17:51	5
cis-1,3-Dichloropropene	<0.73		5.0	0.73	ug/L			05/26/11 17:51	5
Toluene	**50**		5.0	1.5	ug/L			05/26/11 17:51	5
2-Nitropropane	<5.0		25	5.0	ug/L			05/26/11 17:51	5
4-Methyl-2-pentanone (MIBK)	<0.58		25	0.58	ug/L			05/26/11 17:51	5
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/L			05/26/11 17:51	5
Tetrachloroethene	<0.94		5.0	0.94	ug/L			05/26/11 17:51	5
Ethyl methacrylate	<0.55		25	0.55	ug/L			05/26/11 17:51	5
1,1,2-Trichloroethane	<0.86		5.0	0.86	ug/L			05/26/11 17:51	5
Chlorodibromomethane	<1.1		5.0	1.1	ug/L			05/26/11 17:51	5
1,3-Dichloropropane	<0.73		5.0	0.73	ug/L			05/26/11 17:51	5
Ethylene Dibromide	<0.75		5.0	0.75	ug/L			05/26/11 17:51	5
2-Hexanone	<1.0		25	1.0	ug/L			05/26/11 17:51	5
Chlorobenzene	<0.68		5.0	0.68	ug/L			05/26/11 17:51	5
Ethylbenzene	**130**		5.0	1.0	ug/L			05/26/11 17:51	5
Bromoform	<2.5		25	2.5	ug/L			05/26/11 17:51	5
Styrene	<1.0		5.0	1.0	ug/L			05/26/11 17:51	5
1,1,2,2-Tetrachloroethane	<0.95		5.0	0.95	ug/L			05/26/11 17:51	5

Client Sample ID: Tank 26

Lab Sample ID: 560-26154-1

Date Collected: 05/20/11 10:10

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.96		5.0	0.96	ug/L			05/26/11 17:51	5
1,3,5-Trimethylbenzene	**12**		5.0	1.0	ug/L			05/26/11 17:51	5
1,2,4-Trimethylbenzene	**44**		5.0	1.0	ug/L			05/26/11 17:51	5
1,2,3-Trichlorobenzene	<1.1		25	1.1	ug/L			05/26/11 17:51	5
2-Butanone (MEK)	<2.4		25	2.4	ug/L			05/26/11 17:51	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.4		5.0	1.4	ug/L			05/26/11 17:51	5
Xylenes, Total	**250**		15	1.1	ug/L			05/26/11 17:51	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*05/26/11 17:51*	*5*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*05/26/11 17:51*	*5*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/26/11 17:51*	*5*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*05/26/11 17:51*	*5*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<5.4		54	5.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
Bis(2-chloroethyl)ether	<3.8		54	3.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Chlorophenol	<2.0		54	2.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
1,3-Dichlorobenzene	<11		54	11	ug/L		05/24/11 15:00	05/25/11 12:39	5
1,4-Dichlorobenzene	<4.0		54	4.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzyl alcohol	<7.4		54	7.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
1,2-Dichlorobenzene	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Methylphenol	**9.7**	**J**	54	2.6	ug/L		05/24/11 15:00	05/25/11 12:39	5
3 & 4 Methylphenol	<4.8		110	4.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
N-Nitrosodi-n-propylamine	<3.5		54	3.5	ug/L		05/24/11 15:00	05/25/11 12:39	5
Hexachloroethane	<5.4		54	5.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
Nitrobenzene	<1.8		54	1.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
Isophorone	<3.4		54	3.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Nitrophenol	<2.2		54	2.2	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4-Dimethylphenol	**39**	**J**	54	3.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
Bis(2-chloroethoxy)methane	<3.2		54	3.2	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4-Dichlorophenol	<2.1		54	2.1	ug/L		05/24/11 15:00	05/25/11 12:39	5
1,2,4-Trichlorobenzene	<3.2		54	3.2	ug/L		05/24/11 15:00	05/25/11 12:39	5
Naphthalene	**210**		54	2.6	ug/L		05/24/11 15:00	05/25/11 12:39	5
4-Chloroaniline	<2.5		54	2.5	ug/L		05/24/11 15:00	05/25/11 12:39	5
Hexachlorobutadiene	<5.4		54	5.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
4-Chloro-3-methylphenol	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Methylnaphthalene	**23**	**J**	54	2.3	ug/L		05/24/11 15:00	05/25/11 12:39	5
Hexachlorocyclopentadiene	<27		54	27	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4,6-Trichlorophenol	<2.1		54	2.1	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4,5-Trichlorophenol	<2.2		54	2.2	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Chloronaphthalene	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
2-Nitroaniline	<2.4		54	2.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
Dimethyl phthalate	<3.0		54	3.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
Acenaphthylene	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,6-Dinitrotoluene	<2.8		54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
3-Nitroaniline	<9.7		54	9.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Acenaphthene	**4.2**	**J**	54	3.1	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4-Dinitrophenol	<5.0		54	5.0	ug/L		05/24/11 15:00	05/25/11 12:39	5

Client Sample ID: Tank 26

Lab Sample ID: 560-26154-1

Date Collected: 05/20/11 10:10

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<9.6		54	9.6	ug/L		05/24/11 15:00	05/25/11 12:39	5
Dibenzofuran	<2.8		54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
2,4-Dinitrotoluene	<2.1		54	2.1	ug/L		05/24/11 15:00	05/25/11 12:39	5
Diethyl phthalate	<2.8		54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
Fluorene	**16**	**J**	54	3.3	ug/L		05/24/11 15:00	05/25/11 12:39	5
4-Chlorophenyl phenyl ether	<2.8		54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
4-Nitroaniline	<7.9		54	7.9	ug/L		05/24/11 15:00	05/25/11 12:39	5
4,6-Dinitro-2-methylphenol	<9.9		54	9.9	ug/L		05/24/11 15:00	05/25/11 12:39	5
N-Nitrosodiphenylamine	<2.8		54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
4-Bromophenyl phenyl ether	<4.0		54	4.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
Hexachlorobenzene	<3.5		54	3.5	ug/L		05/24/11 15:00	05/25/11 12:39	5
Phenanthrene	**12**	**J**	54	2.8	ug/L		05/24/11 15:00	05/25/11 12:39	5
Anthracene	**3.0**	**J**	54	2.2	ug/L		05/24/11 15:00	05/25/11 12:39	5
Di-n-butyl phthalate	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Fluoranthene	**6.5**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Pyrene	**18**	**J**	54	5.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
Butyl benzyl phthalate	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzo[a]anthracene	**9.9**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Chrysene	**21**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Bis(2-ethylhexyl) phthalate	**11**	**J**	54	10	ug/L		05/24/11 15:00	05/25/11 12:39	5
Di-n-octyl phthalate	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzo[b]fluoranthene	**4.5**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzo[k]fluoranthene	<2.0		54	2.0	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzo[a]pyrene	**7.0**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Indeno[1,2,3-cd]pyrene	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Dibenz(a,h)anthracene	<2.7		54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
Benzo[g,h,i]perylene	**2.8**	**J**	54	2.7	ug/L		05/24/11 15:00	05/25/11 12:39	5
3,3'-Dichlorobenzidine	<5.4		54	5.4	ug/L		05/24/11 15:00	05/25/11 12:39	5
Pentachlorophenol	<27		54	27	ug/L		05/24/11 15:00	05/25/11 12:39	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*42*		*10 - 130*	*05/24/11 15:00*	*05/25/11 12:39*	*5*
Phenol-d5	*53*		*10 - 130*	*05/24/11 15:00*	*05/25/11 12:39*	*5*
Nitrobenzene-d5	*53*		*27 - 130*	*05/24/11 15:00*	*05/25/11 12:39*	*5*
2-Fluorobiphenyl	*36*		*23 - 130*	*05/24/11 15:00*	*05/25/11 12:39*	*5*
2,4,6-Tribromophenol	*81*		*18 - 130*	*05/24/11 15:00*	*05/25/11 12:39*	*5*
Terphenyl-d14	*37*		*10 - 141*	*05/24/11 15:00*	*05/25/11 12:39*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/24/11 15:28	1
As	<0.0035		0.010	0.0035	mg/L		05/24/11 10:00	05/24/11 15:28	1
Ba	**0.75**		0.010	0.0020	mg/L		05/24/11 10:00	05/24/11 15:28	1
Cd	**0.00043**	**J**	0.0050	0.00034	mg/L		05/24/11 10:00	05/24/11 15:28	1
Cr	**0.0030**	**J**	0.010	0.0011	mg/L		05/24/11 10:00	05/24/11 15:28	1
Pb	**0.022**		0.010	0.0033	mg/L		05/24/11 10:00	05/24/11 15:28	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/24/11 15:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		05/25/11 14:29	05/25/11 10:57	1

Client Sample ID: Tank 10

Lab Sample ID: 560-26154-2

Date Collected: 05/20/11 11:40

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.43		5.0	0.43	ug/L			05/26/11 18:16	1
Chloromethane	<0.39		5.0	0.39	ug/L			05/26/11 18:16	1
Vinyl chloride	<0.30		1.0	0.30	ug/L			05/26/11 18:16	1
Bromomethane	<0.39		5.0	0.39	ug/L			05/26/11 18:16	1
Chloroethane	<0.40		5.0	0.40	ug/L			05/26/11 18:16	1
Trichlorofluoromethane	<0.24		1.0	0.24	ug/L			05/26/11 18:16	1
Ethyl ether	<0.14		1.0	0.14	ug/L			05/26/11 18:16	1
1,1-Dichloroethene	<0.30		1.0	0.30	ug/L			05/26/11 18:16	1
Carbon disulfide	<0.50		5.0	0.50	ug/L			05/26/11 18:16	1
Iodomethane	<0.22		1.0	0.22	ug/L			05/26/11 18:16	1
Methylene Chloride	<2.0		5.0	2.0	ug/L			05/26/11 18:16	1
Acetone	**15**		10	5.0	ug/L			05/26/11 18:16	1
trans-1,2-Dichloroethene	<0.20		1.0	0.20	ug/L			05/26/11 18:16	1
Methyl tert-butyl ether	**1.7**		1.0	0.20	ug/L			05/26/11 18:16	1
Acetonitrile	<10		50	10	ug/L			05/26/11 18:16	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			05/26/11 18:16	1
Vinyl acetate	<0.30		5.0	0.30	ug/L			05/26/11 18:16	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/26/11 18:16	1
2,2-Dichloropropane	<0.34		1.0	0.34	ug/L			05/26/11 18:16	1
Chloroform	<0.20		1.0	0.20	ug/L			05/26/11 18:16	1
Ethyl acetate	<0.30		5.0	0.30	ug/L			05/26/11 18:16	1
Carbon tetrachloride	<0.25		1.0	0.25	ug/L			05/26/11 18:16	1
1,1,1-Trichloroethane	<0.30		1.0	0.30	ug/L			05/26/11 18:16	1
1,1-Dichloropropene	<0.18		1.0	0.18	ug/L			05/26/11 18:16	1
Benzene	**7.3**		1.0	0.14	ug/L			05/26/11 18:16	1
1,2-Dichloroethane	<0.16		1.0	0.16	ug/L			05/26/11 18:16	1
Trichloroethene	<0.32		1.0	0.32	ug/L			05/26/11 18:16	1
Dibromomethane	<0.16		1.0	0.16	ug/L			05/26/11 18:16	1
1,2-Dichloropropane	<0.17		1.0	0.17	ug/L			05/26/11 18:16	1
Dichlorobromomethane	<0.18		1.0	0.18	ug/L			05/26/11 18:16	1
Methyl methacrylate	<0.20		5.0	0.20	ug/L			05/26/11 18:16	1
1,4-Dioxane	<40		100	40	ug/L			05/26/11 18:16	1
cis-1,3-Dichloropropene	<0.15		1.0	0.15	ug/L			05/26/11 18:16	1
Toluene	**0.67**	**J**	1.0	0.30	ug/L			05/26/11 18:16	1
2-Nitropropane	<1.0		5.0	1.0	ug/L			05/26/11 18:16	1
4-Methyl-2-pentanone (MIBK)	<0.12		5.0	0.12	ug/L			05/26/11 18:16	1
trans-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			05/26/11 18:16	1
Tetrachloroethene	<0.19		1.0	0.19	ug/L			05/26/11 18:16	1
Ethyl methacrylate	<0.11		5.0	0.11	ug/L			05/26/11 18:16	1
1,1,2-Trichloroethane	<0.17		1.0	0.17	ug/L			05/26/11 18:16	1
Chlorodibromomethane	<0.22		1.0	0.22	ug/L			05/26/11 18:16	1
1,3-Dichloropropane	<0.15		1.0	0.15	ug/L			05/26/11 18:16	1
Ethylene Dibromide	<0.15		1.0	0.15	ug/L			05/26/11 18:16	1
2-Hexanone	<0.20		5.0	0.20	ug/L			05/26/11 18:16	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/26/11 18:16	1
Ethylbenzene	**1.2**		1.0	0.20	ug/L			05/26/11 18:16	1
Bromoform	<0.50		5.0	0.50	ug/L			05/26/11 18:16	1
Styrene	<0.20		1.0	0.20	ug/L			05/26/11 18:16	1
1,1,2,2-Tetrachloroethane	<0.19		1.0	0.19	ug/L			05/26/11 18:16	1

Client Sample ID: Tank 10

Lab Sample ID: 560-26154-2

Date Collected: 05/20/11 11:40

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.19		1.0	0.19	ug/L			05/26/11 18:16	1
1,3,5-Trimethylbenzene	**1.2**		1.0	0.20	ug/L			05/26/11 18:16	1
1,2,4-Trimethylbenzene	**1.3**		1.0	0.20	ug/L			05/26/11 18:16	1
1,2,3-Trichlorobenzene	<0.22		5.0	0.22	ug/L			05/26/11 18:16	1
2-Butanone (MEK)	<0.47		5.0	0.47	ug/L			05/26/11 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.28		1.0	0.28	ug/L			05/26/11 18:16	1
Xylenes, Total	**4.4**		3.0	0.23	ug/L			05/26/11 18:16	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*05/26/11 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*05/26/11 18:16*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/26/11 18:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*05/26/11 18:16*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<2.2		22	2.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Bis(2-chloroethyl)ether	<1.5		22	1.5	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Chlorophenol	<0.78		22	0.78	ug/L		05/24/11 15:00	05/25/11 17:19	2
1,3-Dichlorobenzene	<4.3		22	4.3	ug/L		05/24/11 15:00	05/25/11 17:19	2
1,4-Dichlorobenzene	<1.6		22	1.6	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzyl alcohol	<2.9		22	2.9	ug/L		05/24/11 15:00	05/25/11 17:19	2
1,2-Dichlorobenzene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Methylphenol	<1.0		22	1.0	ug/L		05/24/11 15:00	05/25/11 17:19	2
3 & 4 Methylphenol	<1.9		43	1.9	ug/L		05/24/11 15:00	05/25/11 17:19	2
N-Nitrosodi-n-propylamine	<1.4		22	1.4	ug/L		05/24/11 15:00	05/25/11 17:19	2
Hexachloroethane	<2.2		22	2.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Nitrobenzene	<0.72		22	0.72	ug/L		05/24/11 15:00	05/25/11 17:19	2
Isophorone	<1.3		22	1.3	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Nitrophenol	<0.88		22	0.88	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4-Dimethylphenol	<1.2		22	1.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Bis(2-chloroethoxy)methane	<1.3		22	1.3	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4-Dichlorophenol	<0.83		22	0.83	ug/L		05/24/11 15:00	05/25/11 17:19	2
1,2,4-Trichlorobenzene	<1.3		22	1.3	ug/L		05/24/11 15:00	05/25/11 17:19	2
Naphthalene	<1.0		22	1.0	ug/L		05/24/11 15:00	05/25/11 17:19	2
4-Chloroaniline	<0.98		22	0.98	ug/L		05/24/11 15:00	05/25/11 17:19	2
Hexachlorobutadiene	<2.2		22	2.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
4-Chloro-3-methylphenol	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Methylnaphthalene	<0.92		22	0.92	ug/L		05/24/11 15:00	05/25/11 17:19	2
Hexachlorocyclopentadiene	<11		22	11	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4,6-Trichlorophenol	<0.85		22	0.85	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4,5-Trichlorophenol	<0.85		22	0.85	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Chloronaphthalene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
2-Nitroaniline	<0.95		22	0.95	ug/L		05/24/11 15:00	05/25/11 17:19	2
Dimethyl phthalate	<1.2		22	1.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Acenaphthylene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,6-Dinitrotoluene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
3-Nitroaniline	<3.8		22	3.8	ug/L		05/24/11 15:00	05/25/11 17:19	2
Acenaphthene	<1.2		22	1.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4-Dinitrophenol	<2.0		22	2.0	ug/L		05/24/11 15:00	05/25/11 17:19	2

Client Sample ID: Tank 10

Lab Sample ID: 560-26154-2

Date Collected: 05/20/11 11:40

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<3.8		22	3.8	ug/L		05/24/11 15:00	05/25/11 17:19	2
Dibenzofuran	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
2,4-Dinitrotoluene	<0.82		22	0.82	ug/L		05/24/11 15:00	05/25/11 17:19	2
Diethyl phthalate	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Fluorene	<1.3		22	1.3	ug/L		05/24/11 15:00	05/25/11 17:19	2
4-Chlorophenyl phenyl ether	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
4-Nitroaniline	<3.1		22	3.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
4,6-Dinitro-2-methylphenol	<3.9		22	3.9	ug/L		05/24/11 15:00	05/25/11 17:19	2
N-Nitrosodiphenylamine	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
4-Bromophenyl phenyl ether	<1.6		22	1.6	ug/L		05/24/11 15:00	05/25/11 17:19	2
Hexachlorobenzene	<1.4		22	1.4	ug/L		05/24/11 15:00	05/25/11 17:19	2
Phenanthrene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Anthracene	<0.87		22	0.87	ug/L		05/24/11 15:00	05/25/11 17:19	2
Di-n-butyl phthalate	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Fluoranthene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Pyrene	**2.9**	**J**	22	2.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Butyl benzyl phthalate	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzo[a]anthracene	**1.1**	**J**	22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Chrysene	**2.0**	**J**	22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Bis(2-ethylhexyl) phthalate	<4.1		22	4.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Di-n-octyl phthalate	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzo[b]fluoranthene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzo[k]fluoranthene	<0.78		22	0.78	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzo[a]pyrene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Indeno[1,2,3-cd]pyrene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Dibenz(a,h)anthracene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
Benzo[g,h,i]perylene	<1.1		22	1.1	ug/L		05/24/11 15:00	05/25/11 17:19	2
3,3'-Dichlorobenzidine	<2.2		22	2.2	ug/L		05/24/11 15:00	05/25/11 17:19	2
Pentachlorophenol	<11		22	11	ug/L		05/24/11 15:00	05/25/11 17:19	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*54*		*10 - 130*	*05/24/11 15:00*	*05/25/11 17:19*	*2*
Phenol-d5	*60*		*10 - 130*	*05/24/11 15:00*	*05/25/11 17:19*	*2*
Nitrobenzene-d5	*61*		*27 - 130*	*05/24/11 15:00*	*05/25/11 17:19*	*2*
2-Fluorobiphenyl	*61*		*23 - 130*	*05/24/11 15:00*	*05/25/11 17:19*	*2*
2,4,6-Tribromophenol	*95*		*18 - 130*	*05/24/11 15:00*	*05/25/11 17:19*	*2*
Terphenyl-d14	*37*		*10 - 141*	*05/24/11 15:00*	*05/25/11 17:19*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/24/11 15:43	1
As	<0.0035		0.010	0.0035	mg/L		05/24/11 10:00	05/24/11 15:43	1
Ba	**0.18**		0.010	0.0020	mg/L		05/24/11 10:00	05/24/11 15:43	1
Cd	**0.0021**	**J**	0.0050	0.00034	mg/L		05/24/11 10:00	05/24/11 15:43	1
Cr	**0.0057**	**J**	0.010	0.0011	mg/L		05/24/11 10:00	05/24/11 15:43	1
Pb	**0.028**		0.010	0.0033	mg/L		05/24/11 10:00	05/24/11 15:43	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/24/11 15:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00016**	**J**	0.0020	0.00013	mg/L		05/25/11 14:29	05/25/11 11:00	1

Client Sample ID: Tank 30

Lab Sample ID: 560-26154-3

Date Collected: 05/20/11 14:15

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<8.6		100	8.6	ug/L			05/26/11 18:40	20
Chloromethane	<7.8		100	7.8	ug/L			05/26/11 18:40	20
Vinyl chloride	<6.0		20	6.0	ug/L			05/26/11 18:40	20
Bromomethane	<7.8		100	7.8	ug/L			05/26/11 18:40	20
Chloroethane	<8.0		100	8.0	ug/L			05/26/11 18:40	20
Trichlorofluoromethane	<4.9		20	4.9	ug/L			05/26/11 18:40	20
Ethyl ether	<2.7		20	2.7	ug/L			05/26/11 18:40	20
1,1-Dichloroethene	<6.0		20	6.0	ug/L			05/26/11 18:40	20
Carbon disulfide	<10		100	10	ug/L			05/26/11 18:40	20
Iodomethane	<4.5		20	4.5	ug/L			05/26/11 18:40	20
Methylene Chloride	<40		100	40	ug/L			05/26/11 18:40	20
Acetone	<100		200	100	ug/L			05/26/11 18:40	20
trans-1,2-Dichloroethene	<4.0		20	4.0	ug/L			05/26/11 18:40	20
Methyl tert-butyl ether	<4.0		20	4.0	ug/L			05/26/11 18:40	20
Acetonitrile	<200		1000	200	ug/L			05/26/11 18:40	20
1,1-Dichloroethane	<3.4		20	3.4	ug/L			05/26/11 18:40	20
Vinyl acetate	<6.0		100	6.0	ug/L			05/26/11 18:40	20
cis-1,2-Dichloroethene	<2.4		20	2.4	ug/L			05/26/11 18:40	20
2,2-Dichloropropane	<6.7		20	6.7	ug/L			05/26/11 18:40	20
Chloroform	<4.0		20	4.0	ug/L			05/26/11 18:40	20
Ethyl acetate	<6.0		100	6.0	ug/L			05/26/11 18:40	20
Carbon tetrachloride	<5.0		20	5.0	ug/L			05/26/11 18:40	20
1,1,1-Trichloroethane	<6.0		20	6.0	ug/L			05/26/11 18:40	20
1,1-Dichloropropene	<3.7		20	3.7	ug/L			05/26/11 18:40	20
Benzene	**2500**		20	2.8	ug/L			05/26/11 18:40	20
1,2-Dichloroethane	<3.2		20	3.2	ug/L			05/26/11 18:40	20
Trichloroethene	<6.3		20	6.3	ug/L			05/26/11 18:40	20
Dibromomethane	<3.3		20	3.3	ug/L			05/26/11 18:40	20
1,2-Dichloropropane	<3.5		20	3.5	ug/L			05/26/11 18:40	20
Dichlorobromomethane	<3.5		20	3.5	ug/L			05/26/11 18:40	20
Methyl methacrylate	<3.9		100	3.9	ug/L			05/26/11 18:40	20
1,4-Dioxane	<800		2000	800	ug/L			05/26/11 18:40	20
cis-1,3-Dichloropropene	<2.9		20	2.9	ug/L			05/26/11 18:40	20
Toluene	<6.0		20	6.0	ug/L			05/26/11 18:40	20
2-Nitropropane	<20		100	20	ug/L			05/26/11 18:40	20
4-Methyl-2-pentanone (MIBK)	**7.2**	**J**	100	2.3	ug/L			05/26/11 18:40	20
trans-1,3-Dichloropropene	<4.0		20	4.0	ug/L			05/26/11 18:40	20
Tetrachloroethene	<3.8		20	3.8	ug/L			05/26/11 18:40	20
Ethyl methacrylate	<2.2		100	2.2	ug/L			05/26/11 18:40	20
1,1,2-Trichloroethane	<3.5		20	3.5	ug/L			05/26/11 18:40	20
Chlorodibromomethane	<4.5		20	4.5	ug/L			05/26/11 18:40	20
1,3-Dichloropropane	<2.9		20	2.9	ug/L			05/26/11 18:40	20
Ethylene Dibromide	<3.0		20	3.0	ug/L			05/26/11 18:40	20
2-Hexanone	<4.0		100	4.0	ug/L			05/26/11 18:40	20
Chlorobenzene	<2.7		20	2.7	ug/L			05/26/11 18:40	20
Ethylbenzene	**290**		20	4.0	ug/L			05/26/11 18:40	20
Bromoform	<10		100	10	ug/L			05/26/11 18:40	20
Styrene	<4.0		20	4.0	ug/L			05/26/11 18:40	20
1,1,2,2-Tetrachloroethane	<3.8		20	3.8	ug/L			05/26/11 18:40	20

Client Sample ID: Tank 30

Lab Sample ID: 560-26154-3

Date Collected: 05/20/11 14:15

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<3.8		20	3.8	ug/L			05/26/11 18:40	20
1,3,5-Trimethylbenzene	**68**		20	4.0	ug/L			05/26/11 18:40	20
1,2,4-Trimethylbenzene	**190**		20	4.0	ug/L			05/26/11 18:40	20
1,2,3-Trichlorobenzene	<4.3		100	4.3	ug/L			05/26/11 18:40	20
2-Butanone (MEK)	<9.5		100	9.5	ug/L			05/26/11 18:40	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<5.6		20	5.6	ug/L			05/26/11 18:40	20
Xylenes, Total	**1400**		60	4.5	ug/L			05/26/11 18:40	20

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*05/26/11 18:40*	*20*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*05/26/11 18:40*	*20*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/26/11 18:40*	*20*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*05/26/11 18:40*	*20*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**8.4**	**J**	53	5.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
Bis(2-chloroethyl)ether	<3.7		53	3.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Chlorophenol	<1.9		53	1.9	ug/L		05/24/11 15:00	05/25/11 13:39	5
1,3-Dichlorobenzene	<11		53	11	ug/L		05/24/11 15:00	05/25/11 13:39	5
1,4-Dichlorobenzene	<3.9		53	3.9	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzyl alcohol	<7.2		53	7.2	ug/L		05/24/11 15:00	05/25/11 13:39	5
1,2-Dichlorobenzene	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Methylphenol	<2.6		53	2.6	ug/L		05/24/11 15:00	05/25/11 13:39	5
3 & 4 Methylphenol	**6.3**	**J**	110	4.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
N-Nitrosodi-n-propylamine	<3.5		53	3.5	ug/L		05/24/11 15:00	05/25/11 13:39	5
Hexachloroethane	<5.3		53	5.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
Nitrobenzene	<1.8		53	1.8	ug/L		05/24/11 15:00	05/25/11 13:39	5
Isophorone	<3.3		53	3.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Nitrophenol	<2.2		53	2.2	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4-Dimethylphenol	**110**		53	3.0	ug/L		05/24/11 15:00	05/25/11 13:39	5
Bis(2-chloroethoxy)methane	<3.2		53	3.2	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4-Dichlorophenol	<2.1		53	2.1	ug/L		05/24/11 15:00	05/25/11 13:39	5
1,2,4-Trichlorobenzene	<3.1		53	3.1	ug/L		05/24/11 15:00	05/25/11 13:39	5
Naphthalene	**180**		53	2.5	ug/L		05/24/11 15:00	05/25/11 13:39	5
4-Chloroaniline	<2.4		53	2.4	ug/L		05/24/11 15:00	05/25/11 13:39	5
Hexachlorobutadiene	<5.3		53	5.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
4-Chloro-3-methylphenol	<2.6		53	2.6	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Methylnaphthalene	**200**		53	2.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
Hexachlorocyclopentadiene	<27		53	27	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4,6-Trichlorophenol	<2.1		53	2.1	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4,5-Trichlorophenol	<2.1		53	2.1	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Chloronaphthalene	<2.6		53	2.6	ug/L		05/24/11 15:00	05/25/11 13:39	5
2-Nitroaniline	<2.4		53	2.4	ug/L		05/24/11 15:00	05/25/11 13:39	5
Dimethyl phthalate	<2.9		53	2.9	ug/L		05/24/11 15:00	05/25/11 13:39	5
Acenaphthylene	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,6-Dinitrotoluene	<2.8		53	2.8	ug/L		05/24/11 15:00	05/25/11 13:39	5
3-Nitroaniline	<9.5		53	9.5	ug/L		05/24/11 15:00	05/25/11 13:39	5
Acenaphthene	**10**	**J**	53	3.0	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4-Dinitrophenol	<4.9		53	4.9	ug/L		05/24/11 15:00	05/25/11 13:39	5

Client Sample ID: Tank 30

Lab Sample ID: 560-26154-3

Date Collected: 05/20/11 14:15

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<9.4		53	9.4	ug/L		05/24/11 15:00	05/25/11 13:39	5
Dibenzofuran	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
2,4-Dinitrotoluene	<2.0		53	2.0	ug/L		05/24/11 15:00	05/25/11 13:39	5
Diethyl phthalate	<2.8		53	2.8	ug/L		05/24/11 15:00	05/25/11 13:39	5
Fluorene	**13**	**J**	53	3.2	ug/L		05/24/11 15:00	05/25/11 13:39	5
4-Chlorophenyl phenyl ether	<2.8		53	2.8	ug/L		05/24/11 15:00	05/25/11 13:39	5
4-Nitroaniline	<7.8		53	7.8	ug/L		05/24/11 15:00	05/25/11 13:39	5
4,6-Dinitro-2-methylphenol	<9.7		53	9.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
N-Nitrosodiphenylamine	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
4-Bromophenyl phenyl ether	<4.0		53	4.0	ug/L		05/24/11 15:00	05/25/11 13:39	5
Hexachlorobenzene	<3.5		53	3.5	ug/L		05/24/11 15:00	05/25/11 13:39	5
Phenanthrene	**44**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Anthracene	**7.5**	**J**	53	2.1	ug/L		05/24/11 15:00	05/25/11 13:39	5
Di-n-butyl phthalate	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Fluoranthene	**6.6**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Pyrene	**38**	**J**	53	5.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
Butyl benzyl phthalate	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzo[a]anthracene	**14**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Chrysene	**25**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Bis(2-ethylhexyl) phthalate	**11**	**J**	53	10	ug/L		05/24/11 15:00	05/25/11 13:39	5
Di-n-octyl phthalate	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzo[b]fluoranthene	**6.2**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzo[k]fluoranthene	<1.9		53	1.9	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzo[a]pyrene	**9.1**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Indeno[1,2,3-cd]pyrene	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Dibenz(a,h)anthracene	<2.7		53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
Benzo[g,h,i]perylene	**3.8**	**J**	53	2.7	ug/L		05/24/11 15:00	05/25/11 13:39	5
3,3'-Dichlorobenzidine	<5.3		53	5.3	ug/L		05/24/11 15:00	05/25/11 13:39	5
Pentachlorophenol	<27		53	27	ug/L		05/24/11 15:00	05/25/11 13:39	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*46*		*10 - 130*	*05/24/11 15:00*	*05/25/11 13:39*	*5*
Phenol-d5	*50*		*10 - 130*	*05/24/11 15:00*	*05/25/11 13:39*	*5*
Nitrobenzene-d5	*56*		*27 - 130*	*05/24/11 15:00*	*05/25/11 13:39*	*5*
2-Fluorobiphenyl	*57*		*23 - 130*	*05/24/11 15:00*	*05/25/11 13:39*	*5*
2,4,6-Tribromophenol	*89*		*18 - 130*	*05/24/11 15:00*	*05/25/11 13:39*	*5*
Terphenyl-d14	*33*		*10 - 141*	*05/24/11 15:00*	*05/25/11 13:39*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/24/11 15:46	1
As	<0.0035		0.010	0.0035	mg/L		05/24/11 10:00	05/24/11 15:46	1
Ba	**3.6**		0.010	0.0020	mg/L		05/24/11 10:00	05/24/11 15:46	1
Cd	<0.00034		0.0050	0.00034	mg/L		05/24/11 10:00	05/24/11 15:46	1
Cr	**0.0064**	**J**	0.010	0.0011	mg/L		05/24/11 10:00	05/24/11 15:46	1
Pb	**0.0081**	**J**	0.010	0.0033	mg/L		05/24/11 10:00	05/24/11 15:46	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/24/11 15:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0013**	**J**	0.0020	0.00013	mg/L		05/25/11 14:29	05/25/11 10:48	1

Client Sample ID: Tank 7

Lab Sample ID: 560-26154-4

Date Collected: 05/20/11 15:00

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<6.0		70	6.0	ug/L			05/26/11 19:04	14
Chloromethane	<5.5		70	5.5	ug/L			05/26/11 19:04	14
Vinyl chloride	<4.2		14	4.2	ug/L			05/26/11 19:04	14
Bromomethane	<5.5		70	5.5	ug/L			05/26/11 19:04	14
Chloroethane	<5.6		70	5.6	ug/L			05/26/11 19:04	14
Trichlorofluoromethane	<3.4		14	3.4	ug/L			05/26/11 19:04	14
Ethyl ether	<1.9		14	1.9	ug/L			05/26/11 19:04	14
1,1-Dichloroethene	<4.2		14	4.2	ug/L			05/26/11 19:04	14
Carbon disulfide	<7.0		70	7.0	ug/L			05/26/11 19:04	14
Iodomethane	<3.1		14	3.1	ug/L			05/26/11 19:04	14
Methylene Chloride	<28		70	28	ug/L			05/26/11 19:04	14
Acetone	<70		140	70	ug/L			05/26/11 19:04	14
trans-1,2-Dichloroethene	<2.8		14	2.8	ug/L			05/26/11 19:04	14
Methyl tert-butyl ether	**1500**		14	2.8	ug/L			05/26/11 19:04	14
Acetonitrile	<140		700	140	ug/L			05/26/11 19:04	14
1,1-Dichloroethane	<2.4		14	2.4	ug/L			05/26/11 19:04	14
Vinyl acetate	<4.2		70	4.2	ug/L			05/26/11 19:04	14
cis-1,2-Dichloroethene	<1.7		14	1.7	ug/L			05/26/11 19:04	14
2,2-Dichloropropane	<4.7		14	4.7	ug/L			05/26/11 19:04	14
Chloroform	<2.8		14	2.8	ug/L			05/26/11 19:04	14
Ethyl acetate	<4.2		70	4.2	ug/L			05/26/11 19:04	14
Carbon tetrachloride	<3.5		14	3.5	ug/L			05/26/11 19:04	14
1,1,1-Trichloroethane	<4.2		14	4.2	ug/L			05/26/11 19:04	14
1,1-Dichloropropene	<2.6		14	2.6	ug/L			05/26/11 19:04	14
Benzene	**240**		14	2.0	ug/L			05/26/11 19:04	14
1,2-Dichloroethane	<2.2		14	2.2	ug/L			05/26/11 19:04	14
Trichloroethene	<4.4		14	4.4	ug/L			05/26/11 19:04	14
Dibromomethane	<2.3		14	2.3	ug/L			05/26/11 19:04	14
1,2-Dichloropropane	<2.4		14	2.4	ug/L			05/26/11 19:04	14
Dichlorobromomethane	<2.4		14	2.4	ug/L			05/26/11 19:04	14
Methyl methacrylate	<2.7		70	2.7	ug/L			05/26/11 19:04	14
1,4-Dioxane	<560		1400	560	ug/L			05/26/11 19:04	14
cis-1,3-Dichloropropene	<2.0		14	2.0	ug/L			05/26/11 19:04	14
Toluene	**510**		14	4.2	ug/L			05/26/11 19:04	14
2-Nitropropane	<14		70	14	ug/L			05/26/11 19:04	14
4-Methyl-2-pentanone (MIBK)	**3.1**	**J**	70	1.6	ug/L			05/26/11 19:04	14
trans-1,3-Dichloropropene	<2.8		14	2.8	ug/L			05/26/11 19:04	14
Tetrachloroethene	<2.6		14	2.6	ug/L			05/26/11 19:04	14
Ethyl methacrylate	<1.5		70	1.5	ug/L			05/26/11 19:04	14
1,1,2-Trichloroethane	<2.4		14	2.4	ug/L			05/26/11 19:04	14
Chlorodibromomethane	<3.1		14	3.1	ug/L			05/26/11 19:04	14
1,3-Dichloropropane	<2.0		14	2.0	ug/L			05/26/11 19:04	14
Ethylene Dibromide	<2.1		14	2.1	ug/L			05/26/11 19:04	14
2-Hexanone	<2.8		70	2.8	ug/L			05/26/11 19:04	14
Chlorobenzene	<1.9		14	1.9	ug/L			05/26/11 19:04	14
Ethylbenzene	**170**		14	2.8	ug/L			05/26/11 19:04	14
Bromoform	<7.0		70	7.0	ug/L			05/26/11 19:04	14
Styrene	<2.8		14	2.8	ug/L			05/26/11 19:04	14
1,1,2,2-Tetrachloroethane	<2.7		14	2.7	ug/L			05/26/11 19:04	14

Client Sample ID: Tank 7

Lab Sample ID: 560-26154-4

Date Collected: 05/20/11 15:00

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<2.7		14	2.7	ug/L			05/26/11 19:04	14
1,3,5-Trimethylbenzene	**21**		14	2.8	ug/L			05/26/11 19:04	14
1,2,4-Trimethylbenzene	**81**		14	2.8	ug/L			05/26/11 19:04	14
1,2,3-Trichlorobenzene	<3.0		70	3.0	ug/L			05/26/11 19:04	14
2-Butanone (MEK)	<6.6		70	6.6	ug/L			05/26/11 19:04	14
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.9		14	3.9	ug/L			05/26/11 19:04	14
Xylenes, Total	**530**		42	3.2	ug/L			05/26/11 19:04	14

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*05/26/11 19:04*	*14*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*05/26/11 19:04*	*14*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/26/11 19:04*	*14*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*05/26/11 19:04*	*14*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**9.8**	**J**	55	5.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
Bis(2-chloroethyl)ether	<3.9		55	3.9	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Chlorophenol	<2.0		55	2.0	ug/L		05/24/11 15:00	05/25/11 14:03	5
1,3-Dichlorobenzene	<11		55	11	ug/L		05/24/11 15:00	05/25/11 14:03	5
1,4-Dichlorobenzene	<4.1		55	4.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzyl alcohol	<7.5		55	7.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
1,2-Dichlorobenzene	<2.8		55	2.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Methylphenol	**33**	**J**	55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
3 & 4 Methylphenol	<4.8		110	4.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
N-Nitrosodi-n-propylamine	<3.6		55	3.6	ug/L		05/24/11 15:00	05/25/11 14:03	5
Hexachloroethane	<5.5		55	5.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
Nitrobenzene	<1.8		55	1.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
Isophorone	<3.4		55	3.4	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Nitrophenol	<2.2		55	2.2	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4-Dimethylphenol	**66**		55	3.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
Bis(2-chloroethoxy)methane	<3.3		55	3.3	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4-Dichlorophenol	<2.1		55	2.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
1,2,4-Trichlorobenzene	<3.2		55	3.2	ug/L		05/24/11 15:00	05/25/11 14:03	5
Naphthalene	**370**		55	2.6	ug/L		05/24/11 15:00	05/25/11 14:03	5
4-Chloroaniline	<2.5		55	2.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
Hexachlorobutadiene	<5.5		55	5.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
4-Chloro-3-methylphenol	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Methylnaphthalene	**220**		55	2.4	ug/L		05/24/11 15:00	05/25/11 14:03	5
Hexachlorocyclopentadiene	<27		55	27	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4,6-Trichlorophenol	<2.2		55	2.2	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4,5-Trichlorophenol	<2.2		55	2.2	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Chloronaphthalene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
2-Nitroaniline	<2.4		55	2.4	ug/L		05/24/11 15:00	05/25/11 14:03	5
Dimethyl phthalate	<3.0		55	3.0	ug/L		05/24/11 15:00	05/25/11 14:03	5
Acenaphthylene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,6-Dinitrotoluene	<2.9		55	2.9	ug/L		05/24/11 15:00	05/25/11 14:03	5
3-Nitroaniline	<9.8		55	9.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
Acenaphthene	**14**	**J**	55	3.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4-Dinitrophenol	<5.1		55	5.1	ug/L		05/24/11 15:00	05/25/11 14:03	5

Client Sample ID: Tank 7

Lab Sample ID: 560-26154-4

Date Collected: 05/20/11 15:00

Matrix: Water

Date Received: 05/20/11 16:30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<9.7		55	9.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Dibenzofuran	<2.8		55	2.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
2,4-Dinitrotoluene	<2.1		55	2.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
Diethyl phthalate	<2.9		55	2.9	ug/L		05/24/11 15:00	05/25/11 14:03	5
Fluorene	**30**	**J**	55	3.3	ug/L		05/24/11 15:00	05/25/11 14:03	5
4-Chlorophenyl phenyl ether	<2.9		55	2.9	ug/L		05/24/11 15:00	05/25/11 14:03	5
4-Nitroaniline	<8.0		55	8.0	ug/L		05/24/11 15:00	05/25/11 14:03	5
4,6-Dinitro-2-methylphenol	<10		55	10	ug/L		05/24/11 15:00	05/25/11 14:03	5
N-Nitrosodiphenylamine	<2.8		55	2.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
4-Bromophenyl phenyl ether	<4.1		55	4.1	ug/L		05/24/11 15:00	05/25/11 14:03	5
Hexachlorobenzene	<3.6		55	3.6	ug/L		05/24/11 15:00	05/25/11 14:03	5
Phenanthrene	**170**		55	2.8	ug/L		05/24/11 15:00	05/25/11 14:03	5
Anthracene	**8.7**	**J**	55	2.2	ug/L		05/24/11 15:00	05/25/11 14:03	5
Di-n-butyl phthalate	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Fluoranthene	**5.8**	**J**	55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Pyrene	**19**	**J**	55	5.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
Butyl benzyl phthalate	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzo[a]anthracene	**7.1**	**J**	55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Chrysene	**16**	**J**	55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Bis(2-ethylhexyl) phthalate	**89**		55	10	ug/L		05/24/11 15:00	05/25/11 14:03	5
Di-n-octyl phthalate	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzo[b]fluoranthene	**3.5**	**J**	55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzo[k]fluoranthene	<2.0		55	2.0	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzo[a]pyrene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Indeno[1,2,3-cd]pyrene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Dibenz(a,h)anthracene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
Benzo[g,h,i]perylene	<2.7		55	2.7	ug/L		05/24/11 15:00	05/25/11 14:03	5
3,3'-Dichlorobenzidine	<5.5		55	5.5	ug/L		05/24/11 15:00	05/25/11 14:03	5
Pentachlorophenol	<27		55	27	ug/L		05/24/11 15:00	05/25/11 14:03	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*41*		*10 - 130*	*05/24/11 15:00*	*05/25/11 14:03*	*5*
Phenol-d5	*50*		*10 - 130*	*05/24/11 15:00*	*05/25/11 14:03*	*5*
Nitrobenzene-d5	*52*		*27 - 130*	*05/24/11 15:00*	*05/25/11 14:03*	*5*
2-Fluorobiphenyl	*39*		*23 - 130*	*05/24/11 15:00*	*05/25/11 14:03*	*5*
2,4,6-Tribromophenol	*73*		*18 - 130*	*05/24/11 15:00*	*05/25/11 14:03*	*5*
Terphenyl-d14	*36*		*10 - 141*	*05/24/11 15:00*	*05/25/11 14:03*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/24/11 15:48	1
As	**0.0095**	**J**	0.010	0.0035	mg/L		05/24/11 10:00	05/24/11 15:48	1
Ba	**0.88**		0.010	0.0020	mg/L		05/24/11 10:00	05/24/11 15:48	1
Cd	**0.00052**	**J**	0.0050	0.00034	mg/L		05/24/11 10:00	05/24/11 15:48	1
Cr	**0.016**		0.010	0.0011	mg/L		05/24/11 10:00	05/24/11 15:48	1
Pb	**0.12**		0.010	0.0033	mg/L		05/24/11 10:00	05/24/11 15:48	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/24/11 15:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00031**	**J**	0.0020	0.00013	mg/L		05/25/11 14:29	05/25/11 11:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 560-60046/5
Matrix: Water
Analysis Batch: 60046

Client Sample ID: MB 560-60046/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.43		5.0	0.43	ug/L			05/26/11 11:16	1
Chloromethane	<0.39		5.0	0.39	ug/L			05/26/11 11:16	1
Vinyl chloride	<0.30		1.0	0.30	ug/L			05/26/11 11:16	1
Bromomethane	<0.39		5.0	0.39	ug/L			05/26/11 11:16	1
Chloroethane	<0.40		5.0	0.40	ug/L			05/26/11 11:16	1
Trichlorofluoromethane	<0.24		1.0	0.24	ug/L			05/26/11 11:16	1
Ethyl ether	<0.14		1.0	0.14	ug/L			05/26/11 11:16	1
1,1-Dichloroethene	<0.30		1.0	0.30	ug/L			05/26/11 11:16	1
Carbon disulfide	<0.50		5.0	0.50	ug/L			05/26/11 11:16	1
Iodomethane	<0.22		1.0	0.22	ug/L			05/26/11 11:16	1
Methylene Chloride	<2.0		5.0	2.0	ug/L			05/26/11 11:16	1
Acetone	<5.0		10	5.0	ug/L			05/26/11 11:16	1
trans-1,2-Dichloroethene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
Methyl tert-butyl ether	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
Acetonitrile	<10		50	10	ug/L			05/26/11 11:16	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			05/26/11 11:16	1
Vinyl acetate	<0.30		5.0	0.30	ug/L			05/26/11 11:16	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			05/26/11 11:16	1
2,2-Dichloropropane	<0.34		1.0	0.34	ug/L			05/26/11 11:16	1
Chloroform	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
Ethyl acetate	<0.30		5.0	0.30	ug/L			05/26/11 11:16	1
Carbon tetrachloride	<0.25		1.0	0.25	ug/L			05/26/11 11:16	1
1,1,1-Trichloroethane	<0.30		1.0	0.30	ug/L			05/26/11 11:16	1
1,1-Dichloropropene	<0.18		1.0	0.18	ug/L			05/26/11 11:16	1
Benzene	<0.14		1.0	0.14	ug/L			05/26/11 11:16	1
1,2-Dichloroethane	<0.16		1.0	0.16	ug/L			05/26/11 11:16	1
Trichloroethene	<0.32		1.0	0.32	ug/L			05/26/11 11:16	1
Dibromomethane	<0.16		1.0	0.16	ug/L			05/26/11 11:16	1
1,2-Dichloropropane	<0.17		1.0	0.17	ug/L			05/26/11 11:16	1
Dichlorobromomethane	<0.18		1.0	0.18	ug/L			05/26/11 11:16	1
Methyl methacrylate	<0.20		5.0	0.20	ug/L			05/26/11 11:16	1
1,4-Dioxane	<40		100	40	ug/L			05/26/11 11:16	1
cis-1,3-Dichloropropene	<0.15		1.0	0.15	ug/L			05/26/11 11:16	1
Toluene	<0.30		1.0	0.30	ug/L			05/26/11 11:16	1
2-Nitropropane	<1.0		5.0	1.0	ug/L			05/26/11 11:16	1
4-Methyl-2-pentanone (MIBK)	<0.12		5.0	0.12	ug/L			05/26/11 11:16	1
trans-1,3-Dichloropropene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
Tetrachloroethene	<0.19		1.0	0.19	ug/L			05/26/11 11:16	1
Ethyl methacrylate	<0.11		5.0	0.11	ug/L			05/26/11 11:16	1
1,1,2-Trichloroethane	<0.17		1.0	0.17	ug/L			05/26/11 11:16	1
Chlorodibromomethane	<0.22		1.0	0.22	ug/L			05/26/11 11:16	1
1,3-Dichloropropane	<0.15		1.0	0.15	ug/L			05/26/11 11:16	1
Ethylene Dibromide	<0.15		1.0	0.15	ug/L			05/26/11 11:16	1
2-Hexanone	<0.20		5.0	0.20	ug/L			05/26/11 11:16	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			05/26/11 11:16	1
Ethylbenzene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
Bromoform	<0.50		5.0	0.50	ug/L			05/26/11 11:16	1
Styrene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
1,1,2,2-Tetrachloroethane	<0.19		1.0	0.19	ug/L			05/26/11 11:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-60046/5
Matrix: Water
Analysis Batch: 60046

Client Sample ID: MB 560-60046/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.19		1.0	0.19	ug/L			05/26/11 11:16	1
1,3,5-Trimethylbenzene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
1,2,4-Trimethylbenzene	<0.20		1.0	0.20	ug/L			05/26/11 11:16	1
1,2,3-Trichlorobenzene	<0.22		5.0	0.22	ug/L			05/26/11 11:16	1
2-Butanone (MEK)	<0.47		5.0	0.47	ug/L			05/26/11 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.28		1.0	0.28	ug/L			05/26/11 11:16	1
Xylenes, Total	<0.23		3.0	0.23	ug/L			05/26/11 11:16	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*05/26/11 11:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*		*05/26/11 11:16*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/26/11 11:16*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*05/26/11 11:16*	*1*

Lab Sample ID: LCS 560-60046/10
Matrix: Water
Analysis Batch: 60046

Client Sample ID: LCS 560-60046/10
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Dichlorodifluoromethane	25.0	25.6		ug/L		102	23 - 167
Chloromethane	25.0	20.3		ug/L		81	54 - 156
Vinyl chloride	25.0	16.1		ug/L		64	59 - 139
Bromomethane	25.0	15.5		ug/L		62	57 - 132
Chloroethane	25.0	19.1		ug/L		76	65 - 133
Trichlorofluoromethane	25.0	21.8		ug/L		87	60 - 133
Ethyl ether	25.0	23.9		ug/L		96	70 - 130
1,1-Dichloroethene	25.0	25.7		ug/L		103	67 - 130
Carbon disulfide	25.0	28.1		ug/L		112	70 - 152
Iodomethane	25.0	23.5		ug/L		94	70 - 142
Methylene Chloride	25.0	24.0		ug/L		96	70 - 130
Acetone	25.0	27.7		ug/L		111	34 - 175
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	70 - 130
Methyl tert-butyl ether	25.0	24.3		ug/L		97	69 - 130
Acetonitrile	250	222		ug/L		89	10 - 200
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130
Vinyl acetate	25.0	39.4		ug/L		158	70 - 159
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	70 - 130
2,2-Dichloropropane	25.0	18.9		ug/L		76	63 - 141
Chloroform	25.0	24.4		ug/L		98	70 - 130
Ethyl acetate	25.0	33.7		ug/L		135	64 - 139
Carbon tetrachloride	25.0	22.2		ug/L		89	69 - 130
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	70 - 130
1,1-Dichloropropene	25.0	24.7		ug/L		99	70 - 130
Benzene	25.0	25.2		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	28.4		ug/L		114	68 - 130
Trichloroethene	25.0	22.5		ug/L		90	70 - 130
Dibromomethane	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloropropane	25.0	27.3		ug/L		109	70 - 130
Dichlorobromomethane	25.0	23.7		ug/L		95	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-60046/10
Matrix: Water
Analysis Batch: 60046

Client Sample ID: LCS 560-60046/10
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl methacrylate	25.0	27.1		ug/L		108	63 - 130
1,4-Dioxane	500	254		ug/L		51	34 - 174
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	65 - 132
Toluene	25.0	25.3		ug/L		101	70 - 130
2-Nitropropane	25.0	28.9		ug/L		116	24 - 150
4-Methyl-2-pentanone (MIBK)	25.0	32.1		ug/L		128	62 - 130
trans-1,3-Dichloropropene	25.0	25.5		ug/L		102	56 - 130
Tetrachloroethene	25.0	23.2		ug/L		93	60 - 130
Ethyl methacrylate	25.0	28.3		ug/L		113	66 - 130
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	70 - 130
Chlorodibromomethane	25.0	18.6		ug/L		74	64 - 130
1,3-Dichloropropane	25.0	25.3		ug/L		101	70 - 130
Ethylene Dibromide	25.0	22.9		ug/L		92	70 - 130
2-Hexanone	25.0	33.0		ug/L		132	58 - 136
Chlorobenzene	25.0	21.8		ug/L		87	70 - 130
Ethylbenzene	25.0	22.0		ug/L		88	70 - 130
Bromoform	25.0	15.7		ug/L		63	53 - 130
Styrene	25.0	20.1		ug/L		80	64 - 130
1,1,2,2-Tetrachloroethane	25.0	28.3		ug/L		113	70 - 130
1,2,3-Trichloropropane	25.0	28.4		ug/L		114	68 - 132
1,3,5-Trimethylbenzene	25.0	23.9		ug/L		96	69 - 130
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	70 - 130
1,2,3-Trichlorobenzene	25.0	21.5		ug/L		86	59 - 130
2-Butanone (MEK)	25.0	33.2		ug/L		133	50 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.1		ug/L		100	51 - 130
Xylenes, Total	75.0	66.3		ug/L		88	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 560-59985/1-A
Matrix: Water
Analysis Batch: 60003

Client Sample ID: MB 560-59985/1-A
Prep Type: Total/NA
Prep Batch: 59985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<1.0		10	1.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
Bis(2-chloroethyl)ether	<0.70		10	0.70	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Chlorophenol	<0.36		10	0.36	ug/L		05/24/11 15:00	05/25/11 11:26	1
1,3-Dichlorobenzene	<2.0		10	2.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
1,4-Dichlorobenzene	<0.74		10	0.74	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzyl alcohol	<1.4		10	1.4	ug/L		05/24/11 15:00	05/25/11 11:26	1
1,2-Dichlorobenzene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Methylphenol	<0.49		10	0.49	ug/L		05/24/11 15:00	05/25/11 11:26	1
3 & 4 Methylphenol	<0.88		20	0.88	ug/L		05/24/11 15:00	05/25/11 11:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-59985/1-A
Matrix: Water
Analysis Batch: 60003

Client Sample ID: MB 560-59985/1-A
Prep Type: Total/NA
Prep Batch: 59985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.65		10	0.65	ug/L		05/24/11 15:00	05/25/11 11:26	1
Hexachloroethane	<1.0		10	1.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
Nitrobenzene	<0.34		10	0.34	ug/L		05/24/11 15:00	05/25/11 11:26	1
Isophorone	<0.63		10	0.63	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Nitrophenol	<0.41		10	0.41	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4-Dimethylphenol	<0.56		10	0.56	ug/L		05/24/11 15:00	05/25/11 11:26	1
Bis(2-chloroethoxy)methane	<0.59		10	0.59	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4-Dichlorophenol	<0.39		10	0.39	ug/L		05/24/11 15:00	05/25/11 11:26	1
1,2,4-Trichlorobenzene	<0.58		10	0.58	ug/L		05/24/11 15:00	05/25/11 11:26	1
Naphthalene	<0.48		10	0.48	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Chloroaniline	<0.46		10	0.46	ug/L		05/24/11 15:00	05/25/11 11:26	1
Hexachlorobutadiene	<1.0		10	1.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Chloro-3-methylphenol	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Methylnaphthalene	<0.43		10	0.43	ug/L		05/24/11 15:00	05/25/11 11:26	1
Hexachlorocyclopentadiene	<5.0		10	5.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4,6-Trichlorophenol	<0.39		10	0.39	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4,5-Trichlorophenol	<0.40		10	0.40	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Chloronaphthalene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
2-Nitroaniline	<0.44		10	0.44	ug/L		05/24/11 15:00	05/25/11 11:26	1
Dimethyl phthalate	<0.55		10	0.55	ug/L		05/24/11 15:00	05/25/11 11:26	1
Acenaphthylene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,6-Dinitrotoluene	<0.52		10	0.52	ug/L		05/24/11 15:00	05/25/11 11:26	1
3-Nitroaniline	<1.8		10	1.8	ug/L		05/24/11 15:00	05/25/11 11:26	1
Acenaphthene	<0.57		10	0.57	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4-Dinitrophenol	<0.93		10	0.93	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Nitrophenol	<1.8		10	1.8	ug/L		05/24/11 15:00	05/25/11 11:26	1
Dibenzofuran	<0.51		10	0.51	ug/L		05/24/11 15:00	05/25/11 11:26	1
2,4-Dinitrotoluene	<0.38		10	0.38	ug/L		05/24/11 15:00	05/25/11 11:26	1
Diethyl phthalate	<0.52		10	0.52	ug/L		05/24/11 15:00	05/25/11 11:26	1
Fluorene	<0.61		10	0.61	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Chlorophenyl phenyl ether	<0.52		10	0.52	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Nitroaniline	<1.5		10	1.5	ug/L		05/24/11 15:00	05/25/11 11:26	1
4,6-Dinitro-2-methylphenol	<1.8		10	1.8	ug/L		05/24/11 15:00	05/25/11 11:26	1
N-Nitrosodiphenylamine	<0.51		10	0.51	ug/L		05/24/11 15:00	05/25/11 11:26	1
4-Bromophenyl phenyl ether	<0.74		10	0.74	ug/L		05/24/11 15:00	05/25/11 11:26	1
Hexachlorobenzene	<0.65		10	0.65	ug/L		05/24/11 15:00	05/25/11 11:26	1
Phenanthrene	<0.51		10	0.51	ug/L		05/24/11 15:00	05/25/11 11:26	1
Anthracene	<0.40		10	0.40	ug/L		05/24/11 15:00	05/25/11 11:26	1
Di-n-butyl phthalate	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Fluoranthene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Pyrene	<1.0		10	1.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
Butyl benzyl phthalate	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzo[a]anthracene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Chrysene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Bis(2-ethylhexyl) phthalate	<1.9		10	1.9	ug/L		05/24/11 15:00	05/25/11 11:26	1
Di-n-octyl phthalate	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzo[b]fluoranthene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzo[k]fluoranthene	<0.36		10	0.36	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzo[a]pyrene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Indeno[1,2,3-cd]pyrene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-59985/1-A | **Client Sample ID: MB 560-59985/1-A**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 60003 | **Prep Batch: 59985**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
Benzo[g,h,i]perylene	<0.50		10	0.50	ug/L		05/24/11 15:00	05/25/11 11:26	1
3,3'-Dichlorobenzidine	<1.0		10	1.0	ug/L		05/24/11 15:00	05/25/11 11:26	1
Pentachlorophenol	<5.0		10	5.0	ug/L		05/24/11 15:00	05/25/11 11:26	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*64*		*10 - 130*	*05/24/11 15:00*	*05/25/11 11:26*	*1*
Phenol-d5	*69*		*10 - 130*	*05/24/11 15:00*	*05/25/11 11:26*	*1*
Nitrobenzene-d5	*68*		*27 - 130*	*05/24/11 15:00*	*05/25/11 11:26*	*1*
2-Fluorobiphenyl	*69*		*23 - 130*	*05/24/11 15:00*	*05/25/11 11:26*	*1*
2,4,6-Tribromophenol	*90*		*18 - 130*	*05/24/11 15:00*	*05/25/11 11:26*	*1*
Terphenyl-d14	*88*		*10 - 141*	*05/24/11 15:00*	*05/25/11 11:26*	*1*

Lab Sample ID: LCS 560-59985/2-A | **Client Sample ID: LCS 560-59985/2-A**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 60003 | **Prep Batch: 59985**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenol	100	76.0		ug/L		76	24 - 130
Bis(2-chloroethyl)ether	100	81.7		ug/L		82	44 - 130
2-Chlorophenol	100	78.9		ug/L		79	38 - 130
1,3-Dichlorobenzene	100	69.1		ug/L		69	25 - 130
1,4-Dichlorobenzene	100	71.0		ug/L		71	26 - 130
Benzyl alcohol	100	85.5		ug/L		86	44 - 130
1,2-Dichlorobenzene	100	69.8		ug/L		70	28 - 130
2-Methylphenol	100	78.3		ug/L		78	34 - 130
3 & 4 Methylphenol	200	160		ug/L		80	29 - 130
N-Nitrosodi-n-propylamine	100	82.3		ug/L		82	36 - 130
Hexachloroethane	100	66.9		ug/L		67	20 - 130
Nitrobenzene	100	80.2		ug/L		80	44 - 130
Isophorone	100	80.8		ug/L		81	44 - 130
2-Nitrophenol	100	80.8		ug/L		81	42 - 130
2,4-Dimethylphenol	100	89.0		ug/L		89	41 - 135
Bis(2-chloroethoxy)methane	100	83.1		ug/L		83	44 - 130
2,4-Dichlorophenol	100	80.2		ug/L		80	40 - 130
1,2,4-Trichlorobenzene	100	73.6		ug/L		74	35 - 130
Naphthalene	100	77.8		ug/L		78	40 - 130
4-Chloroaniline	100	53.3		ug/L		53	21 - 130
Hexachlorobutadiene	100	70.8		ug/L		71	29 - 130
4-Chloro-3-methylphenol	100	83.3		ug/L		83	55 - 130
2-Methylnaphthalene	100	80.0		ug/L		80	44 - 130
Hexachlorocyclopentadiene	100	54.8		ug/L		55	10 - 130
2,4,6-Trichlorophenol	100	87.3		ug/L		87	50 - 130
2,4,5-Trichlorophenol	100	89.1		ug/L		89	59 - 130
2-Chloronaphthalene	100	82.1		ug/L		82	44 - 130
2-Nitroaniline	100	83.2		ug/L		83	58 - 130
Dimethyl phthalate	100	84.4		ug/L		84	70 - 130
Acenaphthylene	100	85.6		ug/L		86	52 - 130
2,6-Dinitrotoluene	100	88.0		ug/L		88	70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-59985/2-A | **Client Sample ID: LCS 560-59985/2-A**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 60003 | **Prep Batch: 59985**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
3-Nitroaniline	100	83.9		ug/L		84	70 - 130
Acenaphthene	100	84.5		ug/L		84	55 - 130
2,4-Dinitrophenol	100	79.9		ug/L		80	38 - 132
4-Nitrophenol	100	76.4		ug/L		76	38 - 132
Dibenzofuran	100	80.6		ug/L		81	54 - 130
2,4-Dinitrotoluene	100	85.9		ug/L		86	70 - 130
Diethyl phthalate	100	88.6		ug/L		89	70 - 130
Fluorene	100	87.9		ug/L		88	69 - 130
4-Chlorophenyl phenyl ether	100	83.5		ug/L		84	61 - 130
4-Nitroaniline	100	84.8		ug/L		85	70 - 130
4,6-Dinitro-2-methylphenol	100	87.0		ug/L		87	67 - 130
N-Nitrosodiphenylamine	100	79.8		ug/L		80	70 - 130
4-Bromophenyl phenyl ether	100	84.6		ug/L		85	68 - 130
Hexachlorobenzene	100	85.4		ug/L		85	67 - 130
Phenanthrene	100	85.2		ug/L		85	70 - 130
Anthracene	100	82.2		ug/L		82	70 - 130
Di-n-butyl phthalate	100	86.8		ug/L		87	70 - 130
Fluoranthene	100	82.7		ug/L		83	70 - 130
Pyrene	100	91.0		ug/L		91	70 - 130
Butyl benzyl phthalate	100	98.8		ug/L		99	70 - 130
Benzo[a]anthracene	100	94.5		ug/L		94	70 - 130
Chrysene	100	102		ug/L		102	70 - 130
Bis(2-ethylhexyl) phthalate	100	107		ug/L		107	70 - 130
Di-n-octyl phthalate	100	94.6		ug/L		95	70 - 130
Benzo[b]fluoranthene	100	104		ug/L		104	67 - 133
Benzo[k]fluoranthene	100	91.8		ug/L		92	69 - 130
Benzo[a]pyrene	100	106		ug/L		106	70 - 134
Indeno[1,2,3-cd]pyrene	100	96.0		ug/L		96	70 - 130
Dibenz(a,h)anthracene	100	91.5		ug/L		92	70 - 130
Benzo[g,h,i]perylene	100	94.6		ug/L		95	69 - 130
3,3'-Dichlorobenzidine	150	127		ug/L		85	63 - 130
Pentachlorophenol	100	84.5		ug/L		84	57 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*71*		*10 - 130*
Phenol-d5	*73*		*10 - 130*
Nitrobenzene-d5	*74*		*27 - 130*
2-Fluorobiphenyl	*77*		*23 - 130*
2,4,6-Tribromophenol	*100*		*18 - 130*
Terphenyl-d14	*90*		*10 - 141*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-59965/1-A | **Client Sample ID: MB 560-59965/1-A**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 60008 | **Prep Batch: 59965**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/24/11 15:23	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 560-59965/1-A — **Client Sample ID: MB 560-59965/1-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60008 — **Prep Batch: 59965**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	<0.0035		0.010	0.0035	mg/L		05/24/11 10:00	05/24/11 15:23	1
Ba	<0.0020		0.010	0.0020	mg/L		05/24/11 10:00	05/24/11 15:23	1
Cd	<0.00034		0.0050	0.00034	mg/L		05/24/11 10:00	05/24/11 15:23	1
Cr	<0.0011		0.010	0.0011	mg/L		05/24/11 10:00	05/24/11 15:23	1
Pb	<0.0033		0.010	0.0033	mg/L		05/24/11 10:00	05/24/11 15:23	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/24/11 15:23	1

Lab Sample ID: MB 560-59965/1-A — **Client Sample ID: MB 560-59965/1-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60090 — **Prep Batch: 59965**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ag	<0.0010		0.0050	0.0010	mg/L		05/24/11 10:00	05/26/11 16:12	1
As	<0.0035		0.010	0.0035	mg/L		05/24/11 10:00	05/26/11 16:12	1
Ba	<0.0020		0.010	0.0020	mg/L		05/24/11 10:00	05/26/11 16:12	1
Cd	<0.00034		0.0050	0.00034	mg/L		05/24/11 10:00	05/26/11 16:12	1
Cr	<0.0011		0.010	0.0011	mg/L		05/24/11 10:00	05/26/11 16:12	1
Pb	<0.0033		0.010	0.0033	mg/L		05/24/11 10:00	05/26/11 16:12	1
Se	<0.0042		0.010	0.0042	mg/L		05/24/11 10:00	05/26/11 16:12	1

Lab Sample ID: LCS 560-59965/2-A — **Client Sample ID: LCS 560-59965/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60008 — **Prep Batch: 59965**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ag	0.400	0.405		mg/L		101	80 - 120
As	0.400	0.371		mg/L		93	80 - 120
Ba	0.400	0.381		mg/L		95	80 - 120
Cd	0.400	0.375		mg/L		94	80 - 120
Cr	0.400	0.377		mg/L		94	80 - 120
Pb	0.400	0.379		mg/L		95	80 - 120
Se	0.400	0.375		mg/L		94	80 - 120

Lab Sample ID: LCS 560-59965/2-A — **Client Sample ID: LCS 560-59965/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60090 — **Prep Batch: 59965**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ag	0.400	0.373		mg/L		93	80 - 120
As	0.400	0.374		mg/L		94	80 - 120
Ba	0.400	0.380		mg/L		95	80 - 120
Cd	0.400	0.375		mg/L		94	80 - 120
Cr	0.400	0.380		mg/L		95	80 - 120
Pb	0.400	0.385		mg/L		96	80 - 120
Se	0.400	0.380		mg/L		95	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 560-26154-1 MS — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60008 — **Prep Batch: 59965**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Ag	<0.0010		0.400	0.423		mg/L		106	80 - 120
As	0.0037		0.400	0.400		mg/L		100	80 - 120
Ba	0.78		0.400	1.16		mg/L		105	80 - 120
Cd	0.00059		0.400	0.394		mg/L		98	80 - 120
Cr	0.0030		0.400	0.392		mg/L		97	80 - 120
Pb	0.020		0.400	0.417		mg/L		99	80 - 120
Se	<0.0042		0.400	0.394		mg/L		98	80 - 120

Lab Sample ID: 560-26154-1 MSD — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60008 — **Prep Batch: 59965**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ag	<0.0010		0.400	0.417		mg/L		104	80 - 120	1	20
As	0.0037		0.400	0.390		mg/L		97	80 - 120	3	20
Ba	0.78		0.400	1.18		mg/L		107	80 - 120	1	20
Cd	0.00059		0.400	0.386		mg/L		96	80 - 120	2	20
Cr	0.0030		0.400	0.384		mg/L		95	80 - 120	2	20
Pb	0.020		0.400	0.411		mg/L		97	80 - 120	2	20
Se	<0.0042		0.400	0.392		mg/L		98	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 560-60032/4-A — **Client Sample ID: MB 560-60032/4-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60019 — **Prep Batch: 60032**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000163	J	0.0020	0.00013	mg/L		05/25/11 14:29	05/25/11 10:41	1

Lab Sample ID: LCS 560-60032/5-A — **Client Sample ID: LCS 560-60032/5-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60019 — **Prep Batch: 60032**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00500	0.00539		mg/L		108	80 - 120

Lab Sample ID: 560-26154-3 MS — **Client Sample ID: Tank 30**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60019 — **Prep Batch: 60032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0013	J	0.00500	0.00618		mg/L		98	80 - 120

Lab Sample ID: 560-26154-3 MSD — **Client Sample ID: Tank 30**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60019 — **Prep Batch: 60032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.0013	J	0.00500	0.00650		mg/L		104	80 - 120	5	20

Certification Summary

Client: TRC Solutions, Inc.
Project/Site: Falcon

TestAmerica Job ID: 560-26154-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Corpus Christi		USDA		P330-11-00060
TestAmerica Corpus Christi	Kansas	NELAC	7	E-10362
TestAmerica Corpus Christi	Oklahoma	State Program	6	9968
TestAmerica Corpus Christi	Texas	NELAC	6	T104704210-11-5

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: TRC Solutions, Inc.
Project/Site: Falcon

TestAmerica Job ID: 560-26154-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CC
6010B	Metals (ICP)	SW846	TAL CC
7470A	Mercury (CVAA)	SW846	TAL CC

Protocol References:

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: Falcon

TestAmerica Job ID: 560-26154-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-26154-1	Tank 26	Water	05/20/11 10:10	05/20/11 16:30
560-26154-2	Tank 10	Water	05/20/11 11:40	05/20/11 16:30
560-26154-3	Tank 30	Water	05/20/11 14:15	05/20/11 16:30
560-26154-4	Tank 7	Water	05/20/11 15:00	05/20/11 16:30

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

No. 34060

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION

COMPANY: TRC

SEND REPORT TO: Richard Kotzur

ADDRESS: 10011 Meadowglen Lane
Suite 100
Houston, TX 77042

PHONE: 713-244-1065

FAX: 713-244-1099

PROJECT INFORMATION

PROJECT NAME/NUMBER: FALCON

BILLING INFORMATION

BILL TO: Same

ADDRESS:

PHONE:

FAX: PO NO:

ANALYSIS/METHOD REQUEST

LAB JOB NO.
Loc: 560
26154

SEAL INTACT: NO
COOLER TEMP: 2.4C
IR GUN ID: 4
INITIAL/DATE: agm 05/20/11

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	TOTAL METALS	VOCs	SVOCs						REMARKS/PRECAUTIONS.
	TANK 26	5/20/11	10:10	WATER		HCl/HNO3	6	✓	✓	✓						
	TANK 10	5/20/11	11:40	WATER		HCl/HNO3	6	✓	✓	✓						
	TANK 30	5/20/11	14:15	WATER		HCl/HNO3	6	✓	✓	✓						
	TANK 7	5/20/11	15:00	WATER		HCl/HNO3	6	✓	✓	✓						
																email results to rkotzur@trcsolutions.com

SAMPLER: Paul Supak

SHIPMENT METHOD: Drop off

AIRBILL NO.:

REQUIRED TURNAROUND ☐ ROUTINE TAT (10 BUSINESS DAYS) ☑ RUSH TAT (MAY REQUIRE SURCHARGE) 3 day

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Paul Supak	5/20/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: GAINCO	TIME 16:30	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Alice J Magee	05/20/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: TACL	TIME 1630	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

TAL-8222-560 (1209)

TestAmerica
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361.289.2673/Fax: 361.289.2471

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 560-26154-1

Login Number: 26154

List Number: 1

Creator: Magee, Alice J.

List Source: TestAmerica Corpus Christi

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
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	2.4°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 560-27063-1

SDG Number:

Job Description: Falcon Refinery, Ingleside

For:
TRC Environmental Corporation
505 East Huntland Dr
Suite 250
Austin, TX 78752

Attention: Mr. Chris Mansuri

Approved for release.
Erica Padilla
Project Manager I
7/28/2011 5:54 PM

Erica Padilla
Project Manager I
erica.padilla@testamericainc.com
07/28/2011

cc: Mr. Stephen Halasz

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330.

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TestAmerica Corpus Christi
TRRP Data Package Cover Page

Job Number: 560-27063-1

Project Name/Number: Falcon Refinery, Ingleside

This Data Package consists of:

This signature page, the laboratory review checklist, and the following Reportable Data:

- ☒ R1 Field Chain-of-Custody Form
- ☒ R2 Sample Identification Cross-reference;
- ☒ R3 Test Reports (Analytical Data Sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- ☒ R4 Surrogate Recovery Data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- ☒ R5 Test Reports/Summary Forms for Blank Samples;
- ☒ R6 Test Reports/Summary Forms for Laboratory Control Samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - d) The laboratory's LCS QC limits
- ☒ R7 Test Reports for Matrix Spike/Matrix Spike Duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked sample,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- ☒ R8 Laboratory analytical duplicates (if applicable) recovery and precision, including:
  - a) the amount of analyte measured in the duplicate,
  - b) the calculated RPD, and
  - c) the laboratory's QC limits for analytical duplicates.
- ☒ R9 List of method quantitation limit (MQL) and detectability check sample results for each analyte for each method and matrix;
- ☒ R10 Other problems or anomalies

The exception report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: "I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory is NELAC accredited under Texas laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data has been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm, to the best of my knowledge, that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld."

Erica H. Padilla	Erica H Padilla	July 28, 2011
Name (printed)	Signature	Date

Project Manager
Official Title (printed)

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 07/28/11
Project Name: Falcon Refinery, Ingleside	Laboratory Job Number: 560-27063
Reviewer Name: TM	Prep Batch Number(s): 600-58719–Nitrogen Kjeldahl

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample quantitation limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		Was the LCSD RPD within QC limits?			X		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?			X		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Were all necessary corrective actions performed for the reported data?	X				
		Was applicable and available technology used to lower the SQL to minimize the matrix interference affects on the sample results?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: TestAmerica-Houston	LRC Date: 07/28/11
Project Name: Falcoln Refinery, Ingleside	Laboratory Job Number: 560-27063
Reviewer Name: TM	Prep Batch Number(s): 600-58719–Nitrogen Kjeldahl

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**Raw data (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?			X		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods** (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports	
Laboratory Name: TestAmerica-Houston	LRC Date: 07/28/11
Project Name: Falcoln Refinery, Ingleside	Laboratory Job Number: 560-27063
Reviewer Name: TM	Prep Batch Number(s): 600-58719–Nitrogen Kjeldahl

ER #[1]	DESCRIPTION
1	The Nitrogen, Kjeldahl recovery in sample 560-27063-1 MS was below the control limit. Method performance is demonstrated by an acceptable LCS recovery.

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

LRC Date: July 28, 2011	Laboratory Job Number: 560-27063-1
Reviewer Name: Erica H. Padilla	Project Name/Number: Falcon Refinery, Ingleside

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	**OI**	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did all samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report or case narrative?			X		
R2	**OI**	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	**OI**	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding time?	X				
		2) Other than those results <MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035			X		
		9) If required for the project, TICs reported?			X		
R4	**O**	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	**OI**	**TEST REPORTS/SUMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations <MQL?	X				
R6	**OI**	**LABORATORY CONTROL SAMPLES (LCS)**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	**OI**	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				1
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	**OI**	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?					
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	**OI**	**METHOD QUANTITATION LIMITS (MQLs)**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCS included in the laboratory data package?	X				3

LRC Date: July 28, 2011	Laboratory Job Number: 560-27063-1
Reviewer Name: Erica H. Padilla	Project Name/Number: Falcon Refinery, Ingleside

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R10	**OI**	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC, ER, or case narrative?	X				4
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				
S1	**OI**	**INITIAL CALIBRATION (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	**OI**	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICV and CCV) AND CONTINUING CALIBRATION BLANK (CCB)**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analytes within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB <MDL?	X				
S3	**O**	**MASS SPECTRAL TUNING**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	**O**	**INTERNAL STANDARDS (IS)**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	**OI**	**RAW DATA (NELAC SECTION 5.5.10)**					
		1) Were the raw data (e.g. chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	**O**	**DUAL COLUMN CONFIRMATION**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	**O**	**TENTATIVELY IDENTIFIED COMPOUNDS (TICs)**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	**I**	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS**					
		1) Were percent recoveries within method QC limits?	X				
S9	**I**	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD ADDITIONS**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5
S10	**OI**	**METHOD DETECTION LIMIT (MDL) STUDIES**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCS?	X				
S11	**OI**	**PROFICIENCY TEST REPORTS**					
		1) Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	**OI**	**STANDARDS DOCUMENTATION**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	**OI**	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	**OI**	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				

LRC Date: July 28, 2011	Laboratory Job Number: 560-27063-1
Reviewer Name: Erica H. Padilla	Project Name/Number: Falcon Refinery, Ingleside

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S15	**OI**	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS (NELAC CHAPTER 5)**					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	**OI**	**LABORATORY STANDARD OPERATING PROCEDURES (SOPs)**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

EXCEPTION REPORTS

ER#[5]	DESCRIPTION
1	Another client's sample was selected for the MS/MSD for Nitrate/Nitrite batch 61854.
2	Method 8260B (QC Batch 560-61803): The percent recovery and/or RPD for various analytes were outside acceptable limits in the MS/MSD pair associated with sample 560-27063-1. The LCS was within acceptable limits. Therefore, data are reported. Method 6010B (QC Batch 560-62161): The percent recovery for barium was outside acceptable limits in the MS/MSD pair associated with sample 560-27063-1. The LCS was within acceptable limits. Therefore, data are reported.
3	Method 9056 (QC Batch 560-61854): Due to the nature of the sample matrix, samples 560-27063-1, -2, -3 were diluted for nitrate and nitrite analysis. Elevated reporting limits are provided.
4	Please be aware that MDL and DCS do not apply to conductivity, SAR, pH, percent moisture, or total nitrogen.
5	Method 6010B (QC Batch 560-62161): The serial dilution performed on sample 560-27063-1 was outside acceptable limits (10%) for barium at 49%.

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3 NA = Not applicable
4 NR = Not reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

METHOD SUMMARY

Client: TRC Environmental Corporation | Job Number: 560-27063-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL CC	SW846 8260B	
Purge and Trap	TAL CC		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CC	SW846 8270C	
Ultrasonic Extraction	TAL CC		SW846 3550B
Sodium Adsorption Ratio	TAL CC	USDA 20B	
Preparation, Sodium Absorption Ratio	TAL CC		USDA 20B
Metals (ICP)	TAL CC	SW846 6010B	
Preparation, Metals	TAL CC		SW846 3050B
Mercury (CVAA)	TAL CC	SW846 7471A	
Preparation, Mercury	TAL CC		SW846 7471A
pH	TAL CC	SW846 9045D	
Anions, Ion Chromatography	TAL CC	SW846 9056	
Deionized Water Leaching Procedure	TAL CC		ASTM DI Leach
Percent Moisture	TAL CC	EPA Moisture	
Conductivity, Specific Conductance	TAL CC	SM SM 2510B	
Deionized Water Leaching Procedure	TAL CC		ASTM DI Leach
Nitrogen, Total	TAL CC	EPA Total Nitrogen	
Nitrogen, Total Kjeldahl	TAL HOU	MCAWW 351.2	

Lab References:

TAL CC = TestAmerica Corpus Christi

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

USDA = "USDA Agriculture Handbook 60, section 20B".

METHOD / ANALYST SUMMARY

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method	Analyst	Analyst ID
SW846 8260B	Theriault, Ray	RT
SW846 8270C	Fisher, Gayland E	GEF
USDA 20B	Mathewson, John E	JEM
SW846 6010B	Mathewson, John E	JEM
SW846 7471A	Mathewson, John E	JEM
MCAWW 351.2	Cemer, Sejfudin	SC
SW846 9045D	Wade, Alex	AW
SW846 9056	Zwierzykowski, Hanna M	HMZ
EPA Moisture	DeLong, Maverick	MD
SM SM 2510B	Wade, Alex	AW
EPA Total Nitrogen	Zwierzykowski, Hanna M	HMZ

SAMPLE SUMMARY

Client: TRC Environmental Corporation

Job Number: 560-27063-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-27063-1	Comp-A-0-6	Solid	07/14/2011 1000	07/14/2011 1510
560-27063-2	Comp-B-6-18	Solid	07/14/2011 1030	07/14/2011 1510
560-27063-3	Comp-C-18-30	Solid	07/14/2011 1100	07/14/2011 1510

SAMPLE RESULTS

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Preparation, Sodium Absorption Ratio		Complete							62112	07/21/2011 10:00		JEM
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							62099	07/22/2011 10:00		JH
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							61801	07/15/2011 08:31		RA
Method: SW846 5030B,Solid										Dry Weight Corrected?:		Y
Purge and Trap		Complete								07/15/2011 15:30		
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							62089	07/21/2011 08:22		JEM
Method: SM SM 2510B,Solid,Soluble										Dry Weight Corrected?:		N
Specific Conductance	STL00244	2630			1.00	1.00	1.00	umhos/cm	61826	07/15/2011 12:45	1	AW
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Nitrate as N	14797-55-8	14.5	U		0.556	5.00	14.5	mg/Kg	61854	07/15/2011 20:37	25	HMZ
Nitrite as N	14797-65-0	52.2	U		2.00	5.00	52.2	mg/Kg	61854	07/15/2011 20:37	25	HMZ
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Ca	7440-70-2	49.7						mg/L	62200	07/26/2011 08:35	1	JEM
Mg	7439-95-4	36.7						mg/L	62200	07/26/2011 08:35	1	JEM
Na	7440-23-5	94.8						mg/L	62200	07/26/2011 08:35	1	JEM
Sodium Adsorption Ratio	STL00047	2.50						NONE	62200	07/26/2011 08:35	1	JEM
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	4.4			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Percent Solids	STL00234	96			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Method: EPA Total Nitrogen,Solid										Dry Weight Corrected?:		N
Nitrogen, Total	STL00155	815			5.00	5.00	5.00	mg/Kg	62348	07/28/2011 16:58	1	HMZ
Method: MCAWW 351.2,Solid										Dry Weight Corrected?:		Y
Nitrogen, Kjeldahl	STL00296	815			35.2	40.0	36.8	mg/Kg	58719	07/18/2011 16:09	1	SC
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Arsenic	7440-38-2	0.752	J		0.145	2.00	0.128	mg/Kg	62161	07/22/2011 17:06	1	JEM
Barium	7440-39-3	96.9			0.189	1.00	0.166	mg/Kg	62161	07/22/2011 17:06	1	JEM
Cadmium	7440-43-9	0.0840	J		0.0360	0.500	0.0317	mg/Kg	62161	07/22/2011 17:06	1	JEM
Chromium	7440-47-3	1.73			0.134	1.00	0.118	mg/Kg	62161	07/22/2011 17:06	1	JEM
Lead	7439-92-1	4.84			0.152	0.500	0.134	mg/Kg	62161	07/22/2011 17:06	1	JEM
Selenium	7782-49-2	0.174	U		0.198	1.00	0.174	mg/Kg	62161	07/22/2011 17:06	1	JEM
Silver	7440-22-4	0.0968	U		0.110	0.500	0.0968	mg/Kg	62161	07/22/2011 17:06	1	JEM
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0101	U		0.0180	0.200	0.0101	mg/Kg	62082	07/21/2011 15:13	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.000646	U		0.000700	0.00500	0.000646	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1,2,2-Tetrachloroethane	79-34-5	0.000351	U		0.000380	0.00500	0.000351	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1,2-Trichloro-1,2,2-trifluoro ethane	76-13-1	0.000618	U		0.000670	0.00500	0.000618	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1,2-Trichloroethane	79-00-5	0.000461	U		0.000500	0.00500	0.000461	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1-Dichloroethane	75-34-3	0.000544	U		0.000590	0.00500	0.000544	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1-Dichloroethene	75-35-4	0.000175	U		0.000190	0.00500	0.000175	mg/Kg	61803	07/15/2011 15:30	1	RT
1,1-Dichloropropene	563-58-6	0.000480	U		0.000520	0.00500	0.000480	mg/Kg	61803	07/15/2011 15:30	1	RT
1,2,3-Trichlorobenzene	87-61-6	0.000406	U		0.000440	0.00500	0.000406	mg/Kg	61803	07/15/2011 15:30	1	RT
1,2,3-Trichloropropane	96-18-4	0.000701	U		0.000760	0.00500	0.000701	mg/Kg	61803	07/15/2011 15:30	1	RT
1,2,4-Trimethylbenzene	95-63-6	0.000185	U		0.000200	0.00500	0.000185	mg/Kg	61803	07/15/2011 15:30	1	RT
1,2-Dichloroethane	107-06-2	0.000480	U		0.000520	0.00500	0.000480	mg/Kg	61803	07/15/2011 15:30	1	RT
1,2-Dichloropropane	78-87-5	0.000138	U		0.000150	0.00500	0.000138	mg/Kg	61803	07/15/2011 15:30	1	RT
1,3,5-Trimethylbenzene	108-67-8	0.000194	U		0.000210	0.00500	0.000194	mg/Kg	61803	07/15/2011 15:30	1	RT
1,3-Dichloropropane	142-28-9	0.000221	U		0.000240	0.00500	0.000221	mg/Kg	61803	07/15/2011 15:30	1	RT
1,4-Dioxane	123-91-1	0.0175	U		0.0190	0.100	0.0175	mg/Kg	61803	07/15/2011 15:30	1	RT
2,2-Dichloropropane	594-20-7	0.000775	U		0.000840	0.00500	0.000775	mg/Kg	61803	07/15/2011 15:30	1	RT
2-Butanone (MEK)	78-93-3	0.000923	U		0.00100	0.00500	0.000923	mg/Kg	61803	07/15/2011 15:30	1	RT
2-Hexanone	591-78-6	0.00111	U		0.00120	0.00500	0.00111	mg/Kg	61803	07/15/2011 15:30	1	RT
2-Nitropropane	79-46-9	0.000480	U		0.000520	0.00500	0.000480	mg/Kg	61803	07/15/2011 15:30	1	RT
4-Methyl-2-pentanone (MIBK)	108-10-1	0.000858	U		0.000930	0.00500	0.000858	mg/Kg	61803	07/15/2011 15:30	1	RT
Acetone	67-64-1	0.0136	J		0.00720	0.0500	0.00664	mg/Kg	61803	07/15/2011 15:30	1	RT
Acetonitrile	75-05-8	0.0341	U		0.0370	0.0500	0.0341	mg/Kg	61803	07/15/2011 15:30	1	RT
Benzene	71-43-2	0.000212	U		0.000230	0.00500	0.000212	mg/Kg	61803	07/15/2011 15:30	1	RT

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Bromoform	75-25-2	0.000471	U		0.000510	0.00500	0.000471	mg/Kg	61803	07/15/2011 15:30	1	RT
Bromomethane	74-83-9	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:30	1	RT
Carbon disulfide	75-15-0	0.000923	U		0.00100	0.00500	0.000923	mg/Kg	61803	07/15/2011 15:30	1	RT
Carbon tetrachloride	56-23-5	0.000471	U		0.000510	0.00500	0.000471	mg/Kg	61803	07/15/2011 15:30	1	RT
Chlorobenzene	108-90-7	0.000212	U		0.000230	0.00500	0.000212	mg/Kg	61803	07/15/2011 15:30	1	RT
Chlorodibromomethane	124-48-1	0.000590	U		0.000640	0.00500	0.000590	mg/Kg	61803	07/15/2011 15:30	1	RT
Chloroethane	75-00-3	0.000240	U		0.000260	0.00500	0.000240	mg/Kg	61803	07/15/2011 15:30	1	RT
Chloroform	67-66-3	0.000803	U		0.000870	0.00500	0.000803	mg/Kg	61803	07/15/2011 15:30	1	RT
Chloromethane	74-87-3	0.00111	U		0.00120	0.00500	0.00111	mg/Kg	61803	07/15/2011 15:30	1	RT
cis-1,2-Dichloroethene	156-59-2	0.000526	U		0.000570	0.00500	0.000526	mg/Kg	61803	07/15/2011 15:30	1	RT
cis-1,3-Dichloropropene	10061-01-5	0.000130	U		0.000141	0.00500	0.000130	mg/Kg	61803	07/15/2011 15:30	1	RT
Dibromomethane	74-95-3	0.000655	U		0.000710	0.00500	0.000655	mg/Kg	61803	07/15/2011 15:30	1	RT
Dichlorobromomethane	75-27-4	0.000175	U		0.000190	0.00500	0.000175	mg/Kg	61803	07/15/2011 15:30	1	RT
Dichlorodifluoromethane	75-71-8	0.000673	U		0.000730	0.00500	0.000673	mg/Kg	61803	07/15/2011 15:30	1	RT
Ethyl acetate	141-78-6	0.00111	U		0.00120	0.00500	0.00111	mg/Kg	61803	07/15/2011 15:30	1	RT
Ethyl ether	60-29-7	0.000157	U		0.000170	0.00500	0.000157	mg/Kg	61803	07/15/2011 15:30	1	RT
Ethyl methacrylate	97-63-2	0.000471	U		0.000510	0.00500	0.000471	mg/Kg	61803	07/15/2011 15:30	1	RT
Ethylbenzene	100-41-4	0.000203	U		0.000220	0.00500	0.000203	mg/Kg	61803	07/15/2011 15:30	1	RT
Ethylene Dibromide	106-93-4	0.000157	U		0.000170	0.00500	0.000157	mg/Kg	61803	07/15/2011 15:30	1	RT
Iodomethane	74-88-4	0.000738	U		0.000800	0.00500	0.000738	mg/Kg	61803	07/15/2011 15:30	1	RT
Methyl methacrylate	80-62-6	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:30	1	RT
Methyl tert-butyl ether	1634-04-4	0.000563	U		0.000610	0.00500	0.000563	mg/Kg	61803	07/15/2011 15:30	1	RT
Methylene Chloride	75-09-2	0.00461	U		0.00500	0.0250	0.00461	mg/Kg	61803	07/15/2011 15:30	1	RT
Styrene	100-42-5	0.000185	U		0.000200	0.00500	0.000185	mg/Kg	61803	07/15/2011 15:30	1	RT
Tetrachloroethene	127-18-4	0.000683	U		0.000740	0.00500	0.000683	mg/Kg	61803	07/15/2011 15:30	1	RT
Toluene	108-88-3	0.000517	U		0.000560	0.00500	0.000517	mg/Kg	61803	07/15/2011 15:30	1	RT
trans-1,2-Dichloroethene	156-60-5	0.000461	U		0.000500	0.00500	0.000461	mg/Kg	61803	07/15/2011 15:30	1	RT
trans-1,3-Dichloropropene	10061-02-6	0.000480	U		0.000520	0.00500	0.000480	mg/Kg	61803	07/15/2011 15:30	1	RT
Trichloroethene	79-01-6	0.000258	U		0.000280	0.00500	0.000258	mg/Kg	61803	07/15/2011 15:30	1	RT
Trichlorofluoromethane	75-69-4	0.000461	U		0.000500	0.00500	0.000461	mg/Kg	61803	07/15/2011 15:30	1	RT
Vinyl acetate	108-05-4	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:30	1	RT
Vinyl chloride	75-01-4	0.000554	U		0.000600	0.00500	0.000554	mg/Kg	61803	07/15/2011 15:30	1	RT
Xylenes, Total	1330-20-7	0.000332	U		0.000360	0.0150	0.000332	mg/Kg	61803	07/15/2011 15:30	1	RT

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		0.0466	0.0461	101	70-152		VGCMS#3		07/15/2011 15:30	1	RT
4-Bromofluorobenzene (Surr)	460-00-4		0.0411	0.0461	89	61-130		VGCMS#3		07/15/2011 15:30	1	RT
Dibromofluoromethane (Surr)	1868-53-7		0.0427	0.0461	93	63-136		VGCMS#3		07/15/2011 15:30	1	RT
Toluene-d8 (Surr)	2037-26-5		0.0453	0.0461	98	69-139		VGCMS#3		07/15/2011 15:30	1	RT

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	0.0465	U		0.0457	0.330	0.0465	mg/Kg	62025	07/20/2011 18:58	1	GEF
1,2-Dichlorobenzene	95-50-1	0.0530	U		0.0521	0.330	0.0530	mg/Kg	62025	07/20/2011 18:58	1	GEF
1,3-Dichlorobenzene	541-73-1	0.0445	U		0.0438	0.330	0.0445	mg/Kg	62025	07/20/2011 18:58	1	GEF
1,4-Dichlorobenzene	106-46-7	0.0466	U		0.0458	0.330	0.0466	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4,5-Trichlorophenol	95-95-4	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4,6-Trichlorophenol	88-06-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4-Dichlorophenol	120-83-2	0.0232	U		0.0228	0.330	0.0232	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4-Dimethylphenol	105-67-9	0.0207	U		0.0204	0.330	0.0207	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4-Dinitrophenol	51-28-5	0.102	U		0.100	0.330	0.102	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,4-Dinitrotoluene	121-14-2	0.0215	U		0.0211	0.330	0.0215	mg/Kg	62025	07/20/2011 18:58	1	GEF
2,6-Dinitrotoluene	606-20-2	0.0509	U		0.0500	0.330	0.0509	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Chloronaphthalene	91-58-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Chlorophenol	95-57-8	0.0283	U		0.0278	0.330	0.0283	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Methylnaphthalene	91-57-6	0.0316	U		0.0311	0.330	0.0316	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Methylphenol	95-48-7	0.0336	U		0.0330	0.330	0.0336	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Nitroaniline	88-74-4	0.0226	U		0.0222	0.330	0.0226	mg/Kg	62025	07/20/2011 18:58	1	GEF
2-Nitrophenol	88-75-5	0.0173	U		0.0170	0.330	0.0173	mg/Kg	62025	07/20/2011 18:58	1	GEF
3 & 4 Methylphenol	15831-10-4	0.0509	U		0.0500	0.670	0.0509	mg/Kg	62025	07/20/2011 18:58	1	GEF
3,3'-Dichlorobenzidine	91-94-1	0.0509	U		0.0500	0.330	0.0509	mg/Kg	62025	07/20/2011 18:58	1	GEF
3-Nitroaniline	99-09-2	0.0509	U		0.0500	0.330	0.0509	mg/Kg	62025	07/20/2011 18:58	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	0.0509	U		0.0500	0.330	0.0509	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Bromophenyl phenyl ether	101-55-3	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Chloro-3-methylphenol	59-50-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Chloroaniline	106-47-8	0.0474	U		0.0466	0.330	0.0474	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Nitroaniline	100-01-6	0.0286	U		0.0281	0.330	0.0286	mg/Kg	62025	07/20/2011 18:58	1	GEF
4-Nitrophenol	100-02-7	0.0310	U		0.0305	0.330	0.0310	mg/Kg	62025	07/20/2011 18:58	1	GEF
Acenaphthene	83-32-9	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Acenaphthylene	208-96-8	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Anthracene	120-12-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Benzo[a]anthracene	56-55-3	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Benzo[a]pyrene	50-32-8	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Benzo[b]fluoranthene	205-99-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Benzo[k]fluoranthene	207-08-9	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Benzyl alcohol	100-51-6	0.0249	U		0.0245	0.330	0.0249	mg/Kg	62025	07/20/2011 18:58	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Bis(2-chloroethyl)ether	111-44-4	0.0380	U		0.0374	0.330	0.0380	mg/Kg	62025	07/20/2011 18:58	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	0.0383	J		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Butyl benzyl phthalate	85-68-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Chrysene	218-01-9	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Di-n-butyl phthalate	84-74-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Di-n-octyl phthalate	117-84-0	0.0190	U		0.0187	0.330	0.0190	mg/Kg	62025	07/20/2011 18:58	1	GEF
Dibenz(a,h)anthracene	53-70-3	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Dibenzofuran	132-64-9	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Diethyl phthalate	84-66-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Dimethyl phthalate	131-11-3	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Fluoranthene	206-44-0	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Fluorene	86-73-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Hexachlorobenzene	118-74-1	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Hexachlorobutadiene	87-68-3	0.0455	U		0.0447	0.330	0.0455	mg/Kg	62025	07/20/2011 18:58	1	GEF
Hexachlorocyclopentadiene	77-47-4	0.102	U		0.100	0.330	0.102	mg/Kg	62025	07/20/2011 18:58	1	GEF
Hexachloroethane	67-72-1	0.0510	U		0.0501	0.330	0.0510	mg/Kg	62025	07/20/2011 18:58	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Isophorone	78-59-1	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
N-Nitrosodiphenylamine	86-30-6	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Naphthalene	91-20-3	0.0424	U		0.0417	0.330	0.0424	mg/Kg	62025	07/20/2011 18:58	1	GEF
Nitrobenzene	98-95-3	0.0370	U		0.0364	0.330	0.0370	mg/Kg	62025	07/20/2011 18:58	1	GEF
Pentachlorophenol	87-86-5	0.102	U		0.100	0.330	0.102	mg/Kg	62025	07/20/2011 18:58	1	GEF
Phenanthrene	85-01-8	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Phenol	108-95-2	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF
Pyrene	129-00-0	0.0170	U		0.0167	0.330	0.0170	mg/Kg	62025	07/20/2011 18:58	1	GEF

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5.10	5.09	100	30-131		SVGCMS#2	61801	07/20/2011 18:58	1	GEF
2-Fluorobiphenyl	321-60-8		2.82	3.39	83	57-130		SVGCMS#2	61801	07/20/2011 18:58	1	GEF
2-Fluorophenol	367-12-4		3.65	5.09	72	48-130		SVGCMS#2	61801	07/20/2011 18:58	1	GEF
Nitrobenzene-d5	4165-60-0		2.65	3.39	78	48-130		SVGCMS#2	61801	07/20/2011 18:58	1	GEF
Phenol-d5	4165-62-2		3.87	5.09	76	56-130		SVGCMS#2	61801	07/20/2011 18:58	1	GEF
Terphenyl-d14	1718-51-0		2.82	3.39	83	58-130		SVGCMS#2	61801	07/20/2011 18:58	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-A-0-6

Lab Sample ID: 560-27063-1
Client Matrix: Solid

Date Sampled: 07/14/2011 10:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	7.45			0.100	0.100	0.100	SU	61881	07/18/2011 10:35	1	AW

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Preparation, Sodium Absorption Ratio		Complete							62112	07/21/2011 10:00		JEM
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							62099	07/22/2011 10:00		JH
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							61801	07/15/2011 08:31		RA
Method: SW846 5030B,Solid										Dry Weight Corrected?:		Y
Purge and Trap		Complete								07/15/2011 15:55		
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							62089	07/21/2011 08:22		JEM
Method: SM SM 2510B,Solid,Soluble										Dry Weight Corrected?:		N
Specific Conductance	STL00244	1850			1.00	1.00	1.00	umhos/cm	61826	07/15/2011 12:45	1	AW
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Nitrate as N	14797-55-8	14.5	U		0.556	5.00	14.5	mg/Kg	61854	07/15/2011 20:59	25	HMZ
Nitrite as N	14797-65-0	52.2	U		2.00	5.00	52.2	mg/Kg	61854	07/15/2011 20:59	25	HMZ
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Ca	7440-70-2	3.30						mg/L	62200	07/26/2011 08:35	1	JEM
Mg	7439-95-4	6.70						mg/L	62200	07/26/2011 08:35	1	JEM
Na	7440-23-5	53.6						mg/L	62200	07/26/2011 08:35	1	JEM
Sodium Adsorption Ratio	STL00047	3.90						NONE	62200	07/26/2011 08:35	1	JEM
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	4.4			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Percent Solids	STL00234	96			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Method: EPA Total Nitrogen,Solid										Dry Weight Corrected?:		N
Nitrogen, Total	STL00155	214			5.00	5.00	5.00	mg/Kg	62348	07/28/2011 16:58	1	HMZ
Method: MCAWW 351.2,Solid										Dry Weight Corrected?:		Y
Nitrogen, Kjeldahl	STL00296	214			35.2	40.0	36.8	mg/Kg	58719	07/18/2011 16:05	1	SC
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Arsenic	7440-38-2	0.606	J		0.145	2.00	0.144	mg/Kg	62161	07/22/2011 17:15	1	JEM
Barium	7440-39-3	15.2			0.189	1.00	0.187	mg/Kg	62161	07/22/2011 17:15	1	JEM
Cadmium	7440-43-9	0.0614	J		0.0360	0.500	0.0357	mg/Kg	62161	07/22/2011 17:15	1	JEM
Chromium	7440-47-3	0.996			0.134	1.00	0.133	mg/Kg	62161	07/22/2011 17:15	1	JEM
Lead	7439-92-1	3.33			0.152	0.500	0.151	mg/Kg	62161	07/22/2011 17:15	1	JEM
Selenium	7782-49-2	0.196	U		0.198	1.00	0.196	mg/Kg	62161	07/22/2011 17:15	1	JEM
Silver	7440-22-4	0.109	U		0.110	0.500	0.109	mg/Kg	62161	07/22/2011 17:15	1	JEM
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0182	J		0.0180	0.200	0.0109	mg/Kg	62082	07/21/2011 15:22	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.000641	U		0.000700	0.00500	0.000641	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1,2,2-Tetrachloroethane	79-34-5	0.000348	U		0.000380	0.00500	0.000348	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1,2-Trichloro-1,2,2-trifluoro ethane	76-13-1	0.000613	U		0.000670	0.00500	0.000613	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1,2-Trichloroethane	79-00-5	0.000458	U		0.000500	0.00500	0.000458	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1-Dichloroethane	75-34-3	0.000540	U		0.000590	0.00500	0.000540	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1-Dichloroethene	75-35-4	0.000174	U		0.000190	0.00500	0.000174	mg/Kg	61803	07/15/2011 15:55	1	RT
1,1-Dichloropropene	563-58-6	0.000476	U		0.000520	0.00500	0.000476	mg/Kg	61803	07/15/2011 15:55	1	RT
1,2,3-Trichlorobenzene	87-61-6	0.000403	U		0.000440	0.00500	0.000403	mg/Kg	61803	07/15/2011 15:55	1	RT
1,2,3-Trichloropropane	96-18-4	0.000696	U		0.000760	0.00500	0.000696	mg/Kg	61803	07/15/2011 15:55	1	RT
1,2,4-Trimethylbenzene	95-63-6	0.000183	U		0.000200	0.00500	0.000183	mg/Kg	61803	07/15/2011 15:55	1	RT
1,2-Dichloroethane	107-06-2	0.000476	U		0.000520	0.00500	0.000476	mg/Kg	61803	07/15/2011 15:55	1	RT
1,2-Dichloropropane	78-87-5	0.000137	U		0.000150	0.00500	0.000137	mg/Kg	61803	07/15/2011 15:55	1	RT
1,3,5-Trimethylbenzene	108-67-8	0.000192	U		0.000210	0.00500	0.000192	mg/Kg	61803	07/15/2011 15:55	1	RT
1,3-Dichloropropane	142-28-9	0.000220	U		0.000240	0.00500	0.000220	mg/Kg	61803	07/15/2011 15:55	1	RT
1,4-Dioxane	123-91-1	0.0174	U		0.0190	0.100	0.0174	mg/Kg	61803	07/15/2011 15:55	1	RT
2,2-Dichloropropane	594-20-7	0.000769	U		0.000840	0.00500	0.000769	mg/Kg	61803	07/15/2011 15:55	1	RT
2-Butanone (MEK)	78-93-3	0.000916	U		0.00100	0.00500	0.000916	mg/Kg	61803	07/15/2011 15:55	1	RT
2-Hexanone	591-78-6	0.00110	U		0.00120	0.00500	0.00110	mg/Kg	61803	07/15/2011 15:55	1	RT
2-Nitropropane	79-46-9	0.000476	U		0.000520	0.00500	0.000476	mg/Kg	61803	07/15/2011 15:55	1	RT
4-Methyl-2-pentanone (MIBK)	108-10-1	0.000852	U		0.000930	0.00500	0.000852	mg/Kg	61803	07/15/2011 15:55	1	RT
Acetone	67-64-1	0.00659	U		0.00720	0.0500	0.00659	mg/Kg	61803	07/15/2011 15:55	1	RT
Acetonitrile	75-05-8	0.0339	U		0.0370	0.0500	0.0339	mg/Kg	61803	07/15/2011 15:55	1	RT
Benzene	71-43-2	0.000211	U		0.000230	0.00500	0.000211	mg/Kg	61803	07/15/2011 15:55	1	RT

TRC Environmental Corporation
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Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Bromoform	75-25-2	0.000467	U		0.000510	0.00500	0.000467	mg/Kg	61803	07/15/2011 15:55	1	RT
Bromomethane	74-83-9	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:55	1	RT
Carbon disulfide	75-15-0	0.000916	U		0.00100	0.00500	0.000916	mg/Kg	61803	07/15/2011 15:55	1	RT
Carbon tetrachloride	56-23-5	0.000467	U		0.000510	0.00500	0.000467	mg/Kg	61803	07/15/2011 15:55	1	RT
Chlorobenzene	108-90-7	0.000211	U		0.000230	0.00500	0.000211	mg/Kg	61803	07/15/2011 15:55	1	RT
Chlorodibromomethane	124-48-1	0.000586	U		0.000640	0.00500	0.000586	mg/Kg	61803	07/15/2011 15:55	1	RT
Chloroethane	75-00-3	0.000238	U		0.000260	0.00500	0.000238	mg/Kg	61803	07/15/2011 15:55	1	RT
Chloroform	67-66-3	0.000797	U		0.000870	0.00500	0.000797	mg/Kg	61803	07/15/2011 15:55	1	RT
Chloromethane	74-87-3	0.00110	U		0.00120	0.00500	0.00110	mg/Kg	61803	07/15/2011 15:55	1	RT
cis-1,2-Dichloroethene	156-59-2	0.000522	U		0.000570	0.00500	0.000522	mg/Kg	61803	07/15/2011 15:55	1	RT
cis-1,3-Dichloropropene	10061-01-5	0.000129	U		0.000141	0.00500	0.000129	mg/Kg	61803	07/15/2011 15:55	1	RT
Dibromomethane	74-95-3	0.000650	U		0.000710	0.00500	0.000650	mg/Kg	61803	07/15/2011 15:55	1	RT
Dichlorobromomethane	75-27-4	0.000174	U		0.000190	0.00500	0.000174	mg/Kg	61803	07/15/2011 15:55	1	RT
Dichlorodifluoromethane	75-71-8	0.000668	U		0.000730	0.00500	0.000668	mg/Kg	61803	07/15/2011 15:55	1	RT
Ethyl acetate	141-78-6	0.00110	U		0.00120	0.00500	0.00110	mg/Kg	61803	07/15/2011 15:55	1	RT
Ethyl ether	60-29-7	0.000156	U		0.000170	0.00500	0.000156	mg/Kg	61803	07/15/2011 15:55	1	RT
Ethyl methacrylate	97-63-2	0.000467	U		0.000510	0.00500	0.000467	mg/Kg	61803	07/15/2011 15:55	1	RT
Ethylbenzene	100-41-4	0.000201	U		0.000220	0.00500	0.000201	mg/Kg	61803	07/15/2011 15:55	1	RT
Ethylene Dibromide	106-93-4	0.000156	U		0.000170	0.00500	0.000156	mg/Kg	61803	07/15/2011 15:55	1	RT
Iodomethane	74-88-4	0.000732	U		0.000800	0.00500	0.000732	mg/Kg	61803	07/15/2011 15:55	1	RT
Methyl methacrylate	80-62-6	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:55	1	RT
Methyl tert-butyl ether	1634-04-4	0.000559	U		0.000610	0.00500	0.000559	mg/Kg	61803	07/15/2011 15:55	1	RT
Methylene Chloride	75-09-2	0.00458	U		0.00500	0.0250	0.00458	mg/Kg	61803	07/15/2011 15:55	1	RT
Styrene	100-42-5	0.000183	U		0.000200	0.00500	0.000183	mg/Kg	61803	07/15/2011 15:55	1	RT
Tetrachloroethene	127-18-4	0.000678	U		0.000740	0.00500	0.000678	mg/Kg	61803	07/15/2011 15:55	1	RT
Toluene	108-88-3	0.000513	U		0.000560	0.00500	0.000513	mg/Kg	61803	07/15/2011 15:55	1	RT
trans-1,2-Dichloroethene	156-60-5	0.000458	U		0.000500	0.00500	0.000458	mg/Kg	61803	07/15/2011 15:55	1	RT
trans-1,3-Dichloropropene	10061-02-6	0.000476	U		0.000520	0.00500	0.000476	mg/Kg	61803	07/15/2011 15:55	1	RT
Trichloroethene	79-01-6	0.000256	U		0.000280	0.00500	0.000256	mg/Kg	61803	07/15/2011 15:55	1	RT
Trichlorofluoromethane	75-69-4	0.000458	U		0.000500	0.00500	0.000458	mg/Kg	61803	07/15/2011 15:55	1	RT
Vinyl acetate	108-05-4	0.00101	U		0.00110	0.00500	0.00101	mg/Kg	61803	07/15/2011 15:55	1	RT
Vinyl chloride	75-01-4	0.000549	U		0.000600	0.00500	0.000549	mg/Kg	61803	07/15/2011 15:55	1	RT
Xylenes, Total	1330-20-7	0.000330	U		0.000360	0.0150	0.000330	mg/Kg	61803	07/15/2011 15:55	1	RT

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		0.0460	0.0458	100	70-152		VGCMS#3		07/15/2011 15:55	1	RT
4-Bromofluorobenzene (Surr)	460-00-4		0.0423	0.0458	92	61-130		VGCMS#3		07/15/2011 15:55	1	RT
Dibromofluoromethane (Surr)	1868-53-7		0.0422	0.0458	92	63-136		VGCMS#3		07/15/2011 15:55	1	RT
Toluene-d8 (Surr)	2037-26-5		0.0446	0.0458	97	69-139		VGCMS#3		07/15/2011 15:55	1	RT

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	0.0476	U		0.0457	0.330	0.0476	mg/Kg	62025	07/20/2011 19:23	1	GEF
1,2-Dichlorobenzene	95-50-1	0.0542	U		0.0521	0.330	0.0542	mg/Kg	62025	07/20/2011 19:23	1	GEF
1,3-Dichlorobenzene	541-73-1	0.0456	U		0.0438	0.330	0.0456	mg/Kg	62025	07/20/2011 19:23	1	GEF
1,4-Dichlorobenzene	106-46-7	0.0477	U		0.0458	0.330	0.0477	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4,5-Trichlorophenol	95-95-4	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4,6-Trichlorophenol	88-06-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4-Dichlorophenol	120-83-2	0.0237	U		0.0228	0.330	0.0237	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4-Dimethylphenol	105-67-9	0.0212	U		0.0204	0.330	0.0212	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4-Dinitrophenol	51-28-5	0.104	U		0.100	0.330	0.104	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,4-Dinitrotoluene	121-14-2	0.0220	U		0.0211	0.330	0.0220	mg/Kg	62025	07/20/2011 19:23	1	GEF
2,6-Dinitrotoluene	606-20-2	0.0520	U		0.0500	0.330	0.0520	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Chloronaphthalene	91-58-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Chlorophenol	95-57-8	0.0289	U		0.0278	0.330	0.0289	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Methylnaphthalene	91-57-6	0.0324	U		0.0311	0.330	0.0324	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Methylphenol	95-48-7	0.0343	U		0.0330	0.330	0.0343	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Nitroaniline	88-74-4	0.0231	U		0.0222	0.330	0.0231	mg/Kg	62025	07/20/2011 19:23	1	GEF
2-Nitrophenol	88-75-5	0.0177	U		0.0170	0.330	0.0177	mg/Kg	62025	07/20/2011 19:23	1	GEF
3 & 4 Methylphenol	15831-10-4	0.0520	U		0.0500	0.670	0.0520	mg/Kg	62025	07/20/2011 19:23	1	GEF
3,3'-Dichlorobenzidine	91-94-1	0.0520	U		0.0500	0.330	0.0520	mg/Kg	62025	07/20/2011 19:23	1	GEF
3-Nitroaniline	99-09-2	0.0520	U		0.0500	0.330	0.0520	mg/Kg	62025	07/20/2011 19:23	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	0.0520	U		0.0500	0.330	0.0520	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Bromophenyl phenyl ether	101-55-3	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Chloro-3-methylphenol	59-50-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Chloroaniline	106-47-8	0.0485	U		0.0466	0.330	0.0485	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Nitroaniline	100-01-6	0.0292	U		0.0281	0.330	0.0292	mg/Kg	62025	07/20/2011 19:23	1	GEF
4-Nitrophenol	100-02-7	0.0317	U		0.0305	0.330	0.0317	mg/Kg	62025	07/20/2011 19:23	1	GEF
Acenaphthene	83-32-9	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Acenaphthylene	208-96-8	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Anthracene	120-12-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Benzo[a]anthracene	56-55-3	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Benzo[a]pyrene	50-32-8	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Benzo[b]fluoranthene	205-99-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Benzo[k]fluoranthene	207-08-9	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Benzyl alcohol	100-51-6	0.0255	U		0.0245	0.330	0.0255	mg/Kg	62025	07/20/2011 19:23	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Bis(2-chloroethyl)ether	111-44-4	0.0389	U		0.0374	0.330	0.0389	mg/Kg	62025	07/20/2011 19:23	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	0.0203	J		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Butyl benzyl phthalate	85-68-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Chrysene	218-01-9	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Di-n-butyl phthalate	84-74-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Di-n-octyl phthalate	117-84-0	0.0195	U		0.0187	0.330	0.0195	mg/Kg	62025	07/20/2011 19:23	1	GEF
Dibenz(a,h)anthracene	53-70-3	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Dibenzofuran	132-64-9	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Diethyl phthalate	84-66-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Dimethyl phthalate	131-11-3	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Fluoranthene	206-44-0	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Fluorene	86-73-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Hexachlorobenzene	118-74-1	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Hexachlorobutadiene	87-68-3	0.0465	U		0.0447	0.330	0.0465	mg/Kg	62025	07/20/2011 19:23	1	GEF
Hexachlorocyclopentadiene	77-47-4	0.104	U		0.100	0.330	0.104	mg/Kg	62025	07/20/2011 19:23	1	GEF
Hexachloroethane	67-72-1	0.0521	U		0.0501	0.330	0.0521	mg/Kg	62025	07/20/2011 19:23	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Isophorone	78-59-1	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
N-Nitrosodiphenylamine	86-30-6	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Naphthalene	91-20-3	0.0434	U		0.0417	0.330	0.0434	mg/Kg	62025	07/20/2011 19:23	1	GEF
Nitrobenzene	98-95-3	0.0379	U		0.0364	0.330	0.0379	mg/Kg	62025	07/20/2011 19:23	1	GEF
Pentachlorophenol	87-86-5	0.104	U		0.100	0.330	0.104	mg/Kg	62025	07/20/2011 19:23	1	GEF
Phenanthrene	85-01-8	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Phenol	108-95-2	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF
Pyrene	129-00-0	0.0174	U		0.0167	0.330	0.0174	mg/Kg	62025	07/20/2011 19:23	1	GEF

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5.52	5.20	106	30-131		SVGCMS#2	61801	07/20/2011 19:23	1	GEF
2-Fluorobiphenyl	321-60-8		2.64	3.47	76	57-130		SVGCMS#2	61801	07/20/2011 19:23	1	GEF
2-Fluorophenol	367-12-4		3.44	5.20	66	48-130		SVGCMS#2	61801	07/20/2011 19:23	1	GEF
Nitrobenzene-d5	4165-60-0		2.46	3.47	71	48-130		SVGCMS#2	61801	07/20/2011 19:23	1	GEF
Phenol-d5	4165-62-2		3.72	5.20	71	56-130		SVGCMS#2	61801	07/20/2011 19:23	1	GEF
Terphenyl-d14	1718-51-0		2.88	3.47	83	58-130		SVGCMS#2	61801	07/20/2011 19:23	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-B-6-18

Lab Sample ID: 560-27063-2
Client Matrix: Solid

Date Sampled: 07/14/2011 10:30
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	8.31			0.100	0.100	0.100	SU	61881	07/18/2011 10:35	1	AW

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Preparation, Sodium Absorption Ratio		Complete							62112	07/21/2011 10:00		JEM
Method: SW846 3050B,Solid										Dry Weight Corrected?:		Y
Preparation, Metals		Complete							62099	07/22/2011 10:00		JH
Method: SW846 3550B,Solid										Dry Weight Corrected?:		Y
Ultrasonic Extraction		Complete							61801	07/15/2011 08:31		RA
Method: SW846 5030B,Solid										Dry Weight Corrected?:		Y
Purge and Trap		Complete								07/15/2011 16:21		
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Preparation, Mercury		Complete							62089	07/21/2011 08:22		JEM
Method: SM SM 2510B,Solid,Soluble										Dry Weight Corrected?:		N
Specific Conductance	STL00244	1340			1.00	1.00	1.00	umhos/cm	61826	07/15/2011 12:45	1	AW
Method: SW846 9056,Solid,Soluble										Dry Weight Corrected?:		Y
Nitrate as N	14797-55-8	15.6	U		0.556	5.00	15.6	mg/Kg	61854	07/15/2011 21:21	25	HMZ
Nitrite as N	14797-65-0	56.0	U		2.00	5.00	56.0	mg/Kg	61854	07/15/2011 21:21	25	HMZ
Method: USDA 20B,Solid,Soluble										Dry Weight Corrected?:		N
Ca	7440-70-2	1.40						mg/L	62200	07/26/2011 10:35	1	JEM
Mg	7439-95-4	6.10						mg/L	62200	07/26/2011 10:35	1	JEM
Na	7440-23-5	13.4						mg/L	62200	07/26/2011 10:35	1	JEM
Sodium Adsorption Ratio	STL00047	1.10						NONE	62200	07/26/2011 10:35	1	JEM
Method: EPA Moisture,Solid												
Percent Moisture	STL00177	10			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Percent Solids	STL00234	90			0.010	0.010	0.010	%	61832	07/15/2011 14:00	1	MD
Method: EPA Total Nitrogen,Solid										Dry Weight Corrected?:		N
Nitrogen, Total	STL00155	240			5.00	5.00	5.00	mg/Kg	62348	07/28/2011 16:58	1	HMZ
Method: MCAWW 351.2,Solid										Dry Weight Corrected?:		Y
Nitrogen, Kjeldahl	STL00296	240			35.2	40.0	39.3	mg/Kg	58719	07/18/2011 16:06	1	SC
Method: SW846 6010B,Solid										Dry Weight Corrected?:		Y

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Arsenic	7440-38-2	1.43	J		0.145	2.00	0.131	mg/Kg	62161	07/22/2011 17:24	1	JEM
Barium	7440-39-3	30.0			0.189	1.00	0.171	mg/Kg	62161	07/22/2011 17:24	1	JEM
Cadmium	7440-43-9	0.0656	J		0.0360	0.500	0.0326	mg/Kg	62161	07/22/2011 17:24	1	JEM
Chromium	7440-47-3	2.07			0.134	1.00	0.121	mg/Kg	62161	07/22/2011 17:24	1	JEM
Lead	7439-92-1	2.50			0.152	0.500	0.138	mg/Kg	62161	07/22/2011 17:24	1	JEM
Selenium	7782-49-2	0.179	U		0.198	1.00	0.179	mg/Kg	62161	07/22/2011 17:24	1	JEM
Silver	7440-22-4	0.0996	U		0.110	0.500	0.0996	mg/Kg	62161	07/22/2011 17:24	1	JEM
Method: SW846 7471A,Solid										Dry Weight Corrected?:		Y
Mercury	7439-97-6	0.0165	U		0.0180	0.200	0.0165	mg/Kg	62082	07/21/2011 15:25	1	JEM
Method: SW846 8260B,Solid										Dry Weight Corrected?:		Y
1,1,1-Trichloroethane	71-55-6	0.000684	U		0.000700	0.00500	0.000684	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1,2,2-Tetrachloroethane	79-34-5	0.000371	U		0.000380	0.00500	0.000371	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1,2-Trichloro-1,2,2-trifluoro ethane	76-13-1	0.000654	U		0.000670	0.00500	0.000654	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1,2-Trichloroethane	79-00-5	0.000488	U		0.000500	0.00500	0.000488	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1-Dichloroethane	75-34-3	0.000576	U		0.000590	0.00500	0.000576	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1-Dichloroethene	75-35-4	0.000186	U		0.000190	0.00500	0.000186	mg/Kg	61803	07/15/2011 16:21	1	RT
1,1-Dichloropropene	563-58-6	0.000508	U		0.000520	0.00500	0.000508	mg/Kg	61803	07/15/2011 16:21	1	RT
1,2,3-Trichlorobenzene	87-61-6	0.000430	U		0.000440	0.00500	0.000430	mg/Kg	61803	07/15/2011 16:21	1	RT
1,2,3-Trichloropropane	96-18-4	0.000742	U		0.000760	0.00500	0.000742	mg/Kg	61803	07/15/2011 16:21	1	RT
1,2,4-Trimethylbenzene	95-63-6	0.000195	U		0.000200	0.00500	0.000195	mg/Kg	61803	07/15/2011 16:21	1	RT
1,2-Dichloroethane	107-06-2	0.000508	U		0.000520	0.00500	0.000508	mg/Kg	61803	07/15/2011 16:21	1	RT
1,2-Dichloropropane	78-87-5	0.000146	U		0.000150	0.00500	0.000146	mg/Kg	61803	07/15/2011 16:21	1	RT
1,3,5-Trimethylbenzene	108-67-8	0.000205	U		0.000210	0.00500	0.000205	mg/Kg	61803	07/15/2011 16:21	1	RT
1,3-Dichloropropane	142-28-9	0.000234	U		0.000240	0.00500	0.000234	mg/Kg	61803	07/15/2011 16:21	1	RT
1,4-Dioxane	123-91-1	0.0186	U		0.0190	0.100	0.0186	mg/Kg	61803	07/15/2011 16:21	1	RT
2,2-Dichloropropane	594-20-7	0.000820	U		0.000840	0.00500	0.000820	mg/Kg	61803	07/15/2011 16:21	1	RT
2-Butanone (MEK)	78-93-3	0.000977	U		0.00100	0.00500	0.000977	mg/Kg	61803	07/15/2011 16:21	1	RT
2-Hexanone	591-78-6	0.00117	U		0.00120	0.00500	0.00117	mg/Kg	61803	07/15/2011 16:21	1	RT
2-Nitropropane	79-46-9	0.000508	U		0.000520	0.00500	0.000508	mg/Kg	61803	07/15/2011 16:21	1	RT
4-Methyl-2-pentanone (MIBK)	108-10-1	0.000908	U		0.000930	0.00500	0.000908	mg/Kg	61803	07/15/2011 16:21	1	RT
Acetone	67-64-1	0.00703	U		0.00720	0.0500	0.00703	mg/Kg	61803	07/15/2011 16:21	1	RT
Acetonitrile	75-05-8	0.0361	U		0.0370	0.0500	0.0361	mg/Kg	61803	07/15/2011 16:21	1	RT
Benzene	71-43-2	0.000225	U		0.000230	0.00500	0.000225	mg/Kg	61803	07/15/2011 16:21	1	RT

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Bromoform	75-25-2	0.000498	U		0.000510	0.00500	0.000498	mg/Kg	61803	07/15/2011 16:21	1	RT
Bromomethane	74-83-9	0.00107	U		0.00110	0.00500	0.00107	mg/Kg	61803	07/15/2011 16:21	1	RT
Carbon disulfide	75-15-0	0.000977	U		0.00100	0.00500	0.000977	mg/Kg	61803	07/15/2011 16:21	1	RT
Carbon tetrachloride	56-23-5	0.000498	U		0.000510	0.00500	0.000498	mg/Kg	61803	07/15/2011 16:21	1	RT
Chlorobenzene	108-90-7	0.000225	U		0.000230	0.00500	0.000225	mg/Kg	61803	07/15/2011 16:21	1	RT
Chlorodibromomethane	124-48-1	0.000625	U		0.000640	0.00500	0.000625	mg/Kg	61803	07/15/2011 16:21	1	RT
Chloroethane	75-00-3	0.000254	U		0.000260	0.00500	0.000254	mg/Kg	61803	07/15/2011 16:21	1	RT
Chloroform	67-66-3	0.000850	U		0.000870	0.00500	0.000850	mg/Kg	61803	07/15/2011 16:21	1	RT
Chloromethane	74-87-3	0.00117	U		0.00120	0.00500	0.00117	mg/Kg	61803	07/15/2011 16:21	1	RT
cis-1,2-Dichloroethene	156-59-2	0.000557	U		0.000570	0.00500	0.000557	mg/Kg	61803	07/15/2011 16:21	1	RT
cis-1,3-Dichloropropene	10061-01-5	0.000138	U		0.000141	0.00500	0.000138	mg/Kg	61803	07/15/2011 16:21	1	RT
Dibromomethane	74-95-3	0.000693	U		0.000710	0.00500	0.000693	mg/Kg	61803	07/15/2011 16:21	1	RT
Dichlorobromomethane	75-27-4	0.000186	U		0.000190	0.00500	0.000186	mg/Kg	61803	07/15/2011 16:21	1	RT
Dichlorodifluoromethane	75-71-8	0.000713	U		0.000730	0.00500	0.000713	mg/Kg	61803	07/15/2011 16:21	1	RT
Ethyl acetate	141-78-6	0.00117	U		0.00120	0.00500	0.00117	mg/Kg	61803	07/15/2011 16:21	1	RT
Ethyl ether	60-29-7	0.000166	U		0.000170	0.00500	0.000166	mg/Kg	61803	07/15/2011 16:21	1	RT
Ethyl methacrylate	97-63-2	0.000498	U		0.000510	0.00500	0.000498	mg/Kg	61803	07/15/2011 16:21	1	RT
Ethylbenzene	100-41-4	0.000215	U		0.000220	0.00500	0.000215	mg/Kg	61803	07/15/2011 16:21	1	RT
Ethylene Dibromide	106-93-4	0.000166	U		0.000170	0.00500	0.000166	mg/Kg	61803	07/15/2011 16:21	1	RT
Iodomethane	74-88-4	0.000781	U		0.000800	0.00500	0.000781	mg/Kg	61803	07/15/2011 16:21	1	RT
Methyl methacrylate	80-62-6	0.00107	U		0.00110	0.00500	0.00107	mg/Kg	61803	07/15/2011 16:21	1	RT
Methyl tert-butyl ether	1634-04-4	0.000596	U		0.000610	0.00500	0.000596	mg/Kg	61803	07/15/2011 16:21	1	RT
Methylene Chloride	75-09-2	0.00493	J		0.00500	0.0250	0.00488	mg/Kg	61803	07/15/2011 16:21	1	RT
Styrene	100-42-5	0.000195	U		0.000200	0.00500	0.000195	mg/Kg	61803	07/15/2011 16:21	1	RT
Tetrachloroethene	127-18-4	0.000723	U		0.000740	0.00500	0.000723	mg/Kg	61803	07/15/2011 16:21	1	RT
Toluene	108-88-3	0.000547	U		0.000560	0.00500	0.000547	mg/Kg	61803	07/15/2011 16:21	1	RT
trans-1,2-Dichloroethene	156-60-5	0.000488	U		0.000500	0.00500	0.000488	mg/Kg	61803	07/15/2011 16:21	1	RT
trans-1,3-Dichloropropene	10061-02-6	0.000508	U		0.000520	0.00500	0.000508	mg/Kg	61803	07/15/2011 16:21	1	RT
Trichloroethene	79-01-6	0.000273	U		0.000280	0.00500	0.000273	mg/Kg	61803	07/15/2011 16:21	1	RT
Trichlorofluoromethane	75-69-4	0.000488	U		0.000500	0.00500	0.000488	mg/Kg	61803	07/15/2011 16:21	1	RT
Vinyl acetate	108-05-4	0.00107	U		0.00110	0.00500	0.00107	mg/Kg	61803	07/15/2011 16:21	1	RT
Vinyl chloride	75-01-4	0.000586	U		0.000600	0.00500	0.000586	mg/Kg	61803	07/15/2011 16:21	1	RT
Xylenes, Total	1330-20-7	0.000352	U		0.000360	0.0150	0.000352	mg/Kg	61803	07/15/2011 16:21	1	RT

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
1,2-Dichloroethane-d4 (Surr)	17060-07-0		0.0478	0.0488	98	70-152		VGCMS#3		07/15/2011 16:21	1	RT
4-Bromofluorobenzene (Surr)	460-00-4		0.0443	0.0488	91	61-130		VGCMS#3		07/15/2011 16:21	1	RT
Dibromofluoromethane (Surr)	1868-53-7		0.0449	0.0488	92	63-136		VGCMS#3		07/15/2011 16:21	1	RT
Toluene-d8 (Surr)	2037-26-5		0.0457	0.0488	94	69-139		VGCMS#3		07/15/2011 16:21	1	RT

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 8270C,Solid										Dry Weight Corrected?:		Y
1,2,4-Trichlorobenzene	120-82-1	0.0494	U		0.0457	0.330	0.0494	mg/Kg	62025	07/20/2011 19:48	1	GEF
1,2-Dichlorobenzene	95-50-1	0.0564	U		0.0521	0.330	0.0564	mg/Kg	62025	07/20/2011 19:48	1	GEF
1,3-Dichlorobenzene	541-73-1	0.0474	U		0.0438	0.330	0.0474	mg/Kg	62025	07/20/2011 19:48	1	GEF
1,4-Dichlorobenzene	106-46-7	0.0495	U		0.0458	0.330	0.0495	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4,5-Trichlorophenol	95-95-4	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4,6-Trichlorophenol	88-06-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4-Dichlorophenol	120-83-2	0.0247	U		0.0228	0.330	0.0247	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4-Dimethylphenol	105-67-9	0.0221	U		0.0204	0.330	0.0221	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4-Dinitrophenol	51-28-5	0.108	U		0.100	0.330	0.108	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,4-Dinitrotoluene	121-14-2	0.0228	U		0.0211	0.330	0.0228	mg/Kg	62025	07/20/2011 19:48	1	GEF
2,6-Dinitrotoluene	606-20-2	0.0541	U		0.0500	0.330	0.0541	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Chloronaphthalene	91-58-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Chlorophenol	95-57-8	0.0301	U		0.0278	0.330	0.0301	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Methylnaphthalene	91-57-6	0.0336	U		0.0311	0.330	0.0336	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Methylphenol	95-48-7	0.0357	U		0.0330	0.330	0.0357	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Nitroaniline	88-74-4	0.0240	U		0.0222	0.330	0.0240	mg/Kg	62025	07/20/2011 19:48	1	GEF
2-Nitrophenol	88-75-5	0.0184	U		0.0170	0.330	0.0184	mg/Kg	62025	07/20/2011 19:48	1	GEF
3 & 4 Methylphenol	15831-10-4	0.0541	U		0.0500	0.670	0.0541	mg/Kg	62025	07/20/2011 19:48	1	GEF
3,3'-Dichlorobenzidine	91-94-1	0.0541	U		0.0500	0.330	0.0541	mg/Kg	62025	07/20/2011 19:48	1	GEF
3-Nitroaniline	99-09-2	0.0541	U		0.0500	0.330	0.0541	mg/Kg	62025	07/20/2011 19:48	1	GEF
4,6-Dinitro-2-methylphenol	534-52-1	0.0541	U		0.0500	0.330	0.0541	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Bromophenyl phenyl ether	101-55-3	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Chloro-3-methylphenol	59-50-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Chloroaniline	106-47-8	0.0504	U		0.0466	0.330	0.0504	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Chlorophenyl phenyl ether	7005-72-3	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Nitroaniline	100-01-6	0.0304	U		0.0281	0.330	0.0304	mg/Kg	62025	07/20/2011 19:48	1	GEF
4-Nitrophenol	100-02-7	0.0330	U		0.0305	0.330	0.0330	mg/Kg	62025	07/20/2011 19:48	1	GEF
Acenaphthene	83-32-9	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Acenaphthylene	208-96-8	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Anthracene	120-12-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Benzo[a]anthracene	56-55-3	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Benzo[a]pyrene	50-32-8	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Benzo[b]fluoranthene	205-99-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Benzo[g,h,i]perylene	191-24-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Benzo[k]fluoranthene	207-08-9	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Benzyl alcohol	100-51-6	0.0265	U		0.0245	0.330	0.0265	mg/Kg	62025	07/20/2011 19:48	1	GEF
Bis(2-chloroethoxy)methane	111-91-1	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Bis(2-chloroethyl)ether	111-44-4	0.0405	U		0.0374	0.330	0.0405	mg/Kg	62025	07/20/2011 19:48	1	GEF
Bis(2-ethylhexyl) phthalate	117-81-7	0.0270	J		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Butyl benzyl phthalate	85-68-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Chrysene	218-01-9	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Di-n-butyl phthalate	84-74-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Di-n-octyl phthalate	117-84-0	0.0202	U		0.0187	0.330	0.0202	mg/Kg	62025	07/20/2011 19:48	1	GEF
Dibenz(a,h)anthracene	53-70-3	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Dibenzofuran	132-64-9	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Diethyl phthalate	84-66-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Dimethyl phthalate	131-11-3	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Fluoranthene	206-44-0	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Fluorene	86-73-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Hexachlorobenzene	118-74-1	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Hexachlorobutadiene	87-68-3	0.0484	U		0.0447	0.330	0.0484	mg/Kg	62025	07/20/2011 19:48	1	GEF
Hexachlorocyclopentadiene	77-47-4	0.108	U		0.100	0.330	0.108	mg/Kg	62025	07/20/2011 19:48	1	GEF
Hexachloroethane	67-72-1	0.0542	U		0.0501	0.330	0.0542	mg/Kg	62025	07/20/2011 19:48	1	GEF
Indeno[1,2,3-cd]pyrene	193-39-5	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Isophorone	78-59-1	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
N-Nitrosodi-n-propylamine	621-64-7	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
N-Nitrosodiphenylamine	86-30-6	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Naphthalene	91-20-3	0.0451	U		0.0417	0.330	0.0451	mg/Kg	62025	07/20/2011 19:48	1	GEF
Nitrobenzene	98-95-3	0.0394	U		0.0364	0.330	0.0394	mg/Kg	62025	07/20/2011 19:48	1	GEF
Pentachlorophenol	87-86-5	0.108	U		0.100	0.330	0.108	mg/Kg	62025	07/20/2011 19:48	1	GEF
Phenanthrene	85-01-8	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Phenol	108-95-2	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF
Pyrene	129-00-0	0.0181	U		0.0167	0.330	0.0181	mg/Kg	62025	07/20/2011 19:48	1	GEF

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst

Surrogates

Test Method	CAS Number	QC	Result	True Value	% Rec.	QC Limits	Flag	Instrument	Prep Batch	Analysis Date/Time	D.F.	Analyst
2,4,6-Tribromophenol	118-79-6		5.54	5.41	102	30-131		SVGCMS#2	61801	07/20/2011 19:48	1	GEF
2-Fluorobiphenyl	321-60-8		2.70	3.61	75	57-130		SVGCMS#2	61801	07/20/2011 19:48	1	GEF
2-Fluorophenol	367-12-4		3.55	5.41	66	48-130		SVGCMS#2	61801	07/20/2011 19:48	1	GEF
Nitrobenzene-d5	4165-60-0		2.57	3.61	71	48-130		SVGCMS#2	61801	07/20/2011 19:48	1	GEF
Phenol-d5	4165-62-2		3.83	5.41	71	56-130		SVGCMS#2	61801	07/20/2011 19:48	1	GEF
Terphenyl-d14	1718-51-0		2.90	3.61	80	58-130		SVGCMS#2	61801	07/20/2011 19:48	1	GEF

TRC Environmental Corporation
ATTN: Mr. Chris Mansuri

Job Number: 560-27063-1
Project: Falcoln Refinery, Ingleside
SDG Number: Falcoln Refinery, Ingleside

Client Sample ID: Comp-C-18-30

Lab Sample ID: 560-27063-3
Client Matrix: Solid

Date Sampled: 07/14/2011 11:00
Date Received: 07/14/2011 15:10

Test Method	CAS Number	Result	Q	Flag	MDL	MQL	SDL	Unit	Batch	Analysis Date/Time	D.F.	Analyst
Method: SW846 9045D,Solid										Dry Weight Corrected?:		N
pH	STL00204	8.34			0.100	0.100	0.100	SU	61881	07/18/2011 10:35	1	AW

DATA REPORTING QUALIFIERS

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
	N	RPD of the MS and MSD exceeds the control limits
GC/MS Semi VOA		
	U	Analyte was not detected at or above the SDL.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
Metals		
	U	Analyte was not detected at or above the SDL.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
General Chemistry		
	U	Analyte was not detected at or above the SDL.
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.

QUALITY CONTROL RESULTS

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:560-61803					
LCS 560-61803/3	Lab Control Sample	T	Solid	8260B	
MB 560-61803/6	Method Blank	T	Solid	8260B	
560-27063-1	Comp-A-0-6	T	Solid	8260B	
560-27063-1MS	Matrix Spike	T	Solid	8260B	
560-27063-1MSD	Matrix Spike Duplicate	T	Solid	8260B	
560-27063-2	Comp-B-6-18	T	Solid	8260B	
560-27063-3	Comp-C-18-30	T	Solid	8260B	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 560-61801					
LCS 560-61801/2-A	Lab Control Sample	T	Solid	3550B	
MB 560-61801/1-A	Method Blank	T	Solid	3550B	
560-27063-1	Comp-A-0-6	T	Solid	3550B	
560-27063-1MS	Matrix Spike	T	Solid	3550B	
560-27063-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
560-27063-2	Comp-B-6-18	T	Solid	3550B	
560-27063-3	Comp-C-18-30	T	Solid	3550B	
Analysis Batch:560-62025					
LCS 560-61801/2-A	Lab Control Sample	T	Solid	8270C	560-61801
MB 560-61801/1-A	Method Blank	T	Solid	8270C	560-61801
560-27063-1	Comp-A-0-6	T	Solid	8270C	560-61801
560-27063-1MS	Matrix Spike	T	Solid	8270C	560-61801
560-27063-1MSD	Matrix Spike Duplicate	T	Solid	8270C	560-61801
560-27063-2	Comp-B-6-18	T	Solid	8270C	560-61801
560-27063-3	Comp-C-18-30	T	Solid	8270C	560-61801

Report Basis
T = Total

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-62082					
LCS 560-62089/5-A	Lab Control Sample	T	Solid	7471A	560-62089
MB 560-62089/4-A	Method Blank	T	Solid	7471A	560-62089
560-27063-1	Comp-A-0-6	T	Solid	7471A	560-62089
560-27063-1MS	Matrix Spike	T	Solid	7471A	560-62089
560-27063-1MSD	Matrix Spike Duplicate	T	Solid	7471A	560-62089
560-27063-2	Comp-B-6-18	T	Solid	7471A	560-62089
560-27063-3	Comp-C-18-30	T	Solid	7471A	560-62089
Prep Batch: 560-62089					
LCS 560-62089/5-A	Lab Control Sample	T	Solid	7471A	
MB 560-62089/4-A	Method Blank	T	Solid	7471A	
560-27063-1	Comp-A-0-6	T	Solid	7471A	
560-27063-1MS	Matrix Spike	T	Solid	7471A	
560-27063-1MSD	Matrix Spike Duplicate	T	Solid	7471A	
560-27063-2	Comp-B-6-18	T	Solid	7471A	
560-27063-3	Comp-C-18-30	T	Solid	7471A	
Prep Batch: 560-62099					
LCS 560-62099/2-A	Lab Control Sample	T	Solid	3050B	
MB 560-62099/1-A	Method Blank	T	Solid	3050B	
560-27063-A-1-F MSDMSD	Matrix Spike Duplicate	T	Solid	3050B	
560-27063-1	Comp-A-0-6	T	Solid	3050B	
560-27063-1MS	Matrix Spike	T	Solid	3050B	
560-27063-2	Comp-B-6-18	T	Solid	3050B	
560-27063-3	Comp-C-18-30	T	Solid	3050B	
Prep Batch: 560-62112					
MB 560-62112/31-A	Method Blank	S	Solid	20B	
560-27063-1	Comp-A-0-6	S	Solid	20B	
560-27063-2	Comp-B-6-18	S	Solid	20B	
560-27063-3	Comp-C-18-30	S	Solid	20B	
Analysis Batch:560-62161					
LCS 560-62099/2-A	Lab Control Sample	T	Solid	6010B	560-62099
MB 560-62099/1-A	Method Blank	T	Solid	6010B	560-62099
560-27063-A-1-F MSDMSD	Matrix Spike Duplicate	T	Solid	6010B	560-62099
560-27063-1	Comp-A-0-6	T	Solid	6010B	560-62099
560-27063-1MS	Matrix Spike	T	Solid	6010B	560-62099
560-27063-2	Comp-B-6-18	T	Solid	6010B	560-62099
560-27063-3	Comp-C-18-30	T	Solid	6010B	560-62099

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:560-62200					
MB 560-62112/31-A	Method Blank	S	Solid	20B	560-62112
560-27063-1	Comp-A-0-6	S	Solid	20B	560-62112
560-27063-2	Comp-B-6-18	S	Solid	20B	560-62112
560-27063-3	Comp-C-18-30	S	Solid	20B	560-62112

Report Basis
S = Soluble
T = Total

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:600-58719					
LCS 600-58719/17	Lab Control Sample	T	Solid	351.2	
MB 600-58719/16	Method Blank	T	Solid	351.2	
560-27063-1	Comp-A-0-6	T	Solid	351.2	
560-27063-1DU	Duplicate	T	Solid	351.2	
560-27063-1MS	Matrix Spike	T	Solid	351.2	
560-27063-2	Comp-B-6-18	T	Solid	351.2	
560-27063-3	Comp-C-18-30	T	Solid	351.2	
Prep Batch: 560-61782					
LCS 560-61782/2-A	Lab Control Sample	S	Solid	DI Leach	
MB 560-61782/1-A	Method Blank	S	Solid	DI Leach	
560-27063-1	Comp-A-0-6	S	Solid	DI Leach	
560-27063-2	Comp-B-6-18	S	Solid	DI Leach	
560-27063-3	Comp-C-18-30	S	Solid	DI Leach	
Analysis Batch:560-61826					
LCS 560-61828/8-A	Lab Control Sample	S	Solid	SM 2510B	
MB 560-61828/7-A	Method Blank	S	Solid	SM 2510B	
560-27063-1	Comp-A-0-6	S	Solid	SM 2510B	
560-27063-1DU	Duplicate	S	Solid	SM 2510B	
560-27063-2	Comp-B-6-18	S	Solid	SM 2510B	
560-27063-3	Comp-C-18-30	S	Solid	SM 2510B	
Prep Batch: 560-61828					
LCS 560-61828/8-A	Lab Control Sample	S	Solid	DI Leach	
MB 560-61828/7-A	Method Blank	S	Solid	DI Leach	
560-27063-1	Comp-A-0-6	S	Solid	DI Leach	
560-27063-1DU	Duplicate	S	Solid	DI Leach	
560-27063-2	Comp-B-6-18	S	Solid	DI Leach	
560-27063-3	Comp-C-18-30	S	Solid	DI Leach	
Analysis Batch:560-61832					
560-27063-1	Comp-A-0-6	T	Solid	Moisture	
560-27063-2	Comp-B-6-18	T	Solid	Moisture	
560-27063-3	Comp-C-18-30	T	Solid	Moisture	
Analysis Batch:560-61854					
LCS 560-61782/2-A	Lab Control Sample	S	Solid	9056	
MB 560-61782/1-A	Method Blank	S	Solid	9056	
560-27063-1	Comp-A-0-6	S	Solid	9056	
560-27063-2	Comp-B-6-18	S	Solid	9056	
560-27063-3	Comp-C-18-30	S	Solid	9056	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:560-61881					
LCS 560-61881/2	Lab Control Sample	T	Solid	9045D	
560-27063-1	Comp-A-0-6	T	Solid	9045D	
560-27063-1DU	Duplicate	T	Solid	9045D	
560-27063-2	Comp-B-6-18	T	Solid	9045D	
560-27063-3	Comp-C-18-30	T	Solid	9045D	
Analysis Batch:560-62348					
560-27063-1	Comp-A-0-6	T	Solid	Total Nitrogen	
560-27063-2	Comp-B-6-18	T	Solid	Total Nitrogen	
560-27063-3	Comp-C-18-30	T	Solid	Total Nitrogen	

Report Basis
S = Soluble
T = Total

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
560-27063-1	Comp-A-0-6	93	101	98	89
560-27063-2	Comp-B-6-18	92	100	97	92
560-27063-3	Comp-C-18-30	92	98	94	91
MB 560-61803/6		88	96	98	95
LCS 560-61803/3		95	94	98	100
560-27063-1 MS	Comp-A-0-6 MS	95	95	97	90
560-27063-1 MSD	Comp-A-0-6 MSD	92	92	93	87

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	63-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-152
TOL = Toluene-d8 (Surr)	69-139
BFB = 4-Bromofluorobenzene (Surr)	61-130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
560-27063-1	Comp-A-0-6	72	76	78	83	100	83
560-27063-2	Comp-B-6-18	66	71	71	76	106	83
560-27063-3	Comp-C-18-30	66	71	71	75	102	80
MB 560-61801/1-A		72	77	77	79	93	79
LCS 560-61801/2-A		75	79	78	85	96	83
560-27063-1 MS	Comp-A-0-6 MS	77	76	74	84	94	85
560-27063-1 MSD	Comp-A-0-6 MSD	68	76	73	84	98	85

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	48-130
PHL = Phenol-d5	56-130
NBZ = Nitrobenzene-d5	48-130
FBP = 2-Fluorobiphenyl	57-130
TBP = 2,4,6-Tribromophenol	30-131
TPH = Terphenyl-d14	58-130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61803

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 560-61803/6	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/15/2011 1117	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1117				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	0.00720	U	0.00720	0.0500
Acetonitrile	0.0370	U	0.0370	0.0500
Benzene	0.000230	U	0.000230	0.00500
Bromoform	0.000510	U	0.000510	0.00500
Bromomethane	0.00110	U	0.00110	0.00500
2-Butanone (MEK)	0.00100	U	0.00100	0.00500
Carbon disulfide	0.00100	U	0.00100	0.00500
Carbon tetrachloride	0.000510	U	0.000510	0.00500
Chlorobenzene	0.000230	U	0.000230	0.00500
Chlorodibromomethane	0.000640	U	0.000640	0.00500
Chloroethane	0.000260	U	0.000260	0.00500
Chloroform	0.000870	U	0.000870	0.00500
Chloromethane	0.00120	U	0.00120	0.00500
cis-1,2-Dichloroethene	0.000570	U	0.000570	0.00500
cis-1,3-Dichloropropene	0.000141	U	0.000141	0.00500
Dibromomethane	0.000710	U	0.000710	0.00500
Dichlorobromomethane	0.000190	U	0.000190	0.00500
Dichlorodifluoromethane	0.000730	U	0.000730	0.00500
1,1-Dichloroethane	0.000590	U	0.000590	0.00500
1,2-Dichloroethane	0.000520	U	0.000520	0.00500
1,1-Dichloroethene	0.000190	U	0.000190	0.00500
2,2-Dichloropropane	0.000840	U	0.000840	0.00500
1,2-Dichloropropane	0.000150	U	0.000150	0.00500
1,3-Dichloropropane	0.000240	U	0.000240	0.00500
1,1-Dichloropropene	0.000520	U	0.000520	0.00500
1,4-Dioxane	0.0190	U	0.0190	0.100
Ethyl acetate	0.00120	U	0.00120	0.00500
Ethylbenzene	0.000220	U	0.000220	0.00500
Ethylene Dibromide	0.000170	U	0.000170	0.00500
Ethyl ether	0.000170	U	0.000170	0.00500
Ethyl methacrylate	0.000510	U	0.000510	0.00500
2-Hexanone	0.00120	U	0.00120	0.00500
Iodomethane	0.000800	U	0.000800	0.00500
Methylene Chloride	0.00500	U	0.00500	0.0250
Methyl methacrylate	0.00110	U	0.00110	0.00500
4-Methyl-2-pentanone (MIBK)	0.000930	U	0.000930	0.00500
Methyl tert-butyl ether	0.000610	U	0.000610	0.00500
2-Nitropropane	0.000520	U	0.000520	0.00500
Styrene	0.000200	U	0.000200	0.00500
1,1,2,2-Tetrachloroethane	0.000380	U	0.000380	0.00500
Tetrachloroethene	0.000740	U	0.000740	0.00500
Toluene	0.000560	U	0.000560	0.00500
trans-1,2-Dichloroethene	0.000500	U	0.000500	0.00500
trans-1,3-Dichloropropene	0.000520	U	0.000520	0.00500
1,2,3-Trichlorobenzene	0.000440	U	0.000440	0.00500

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61803

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 560-61803/6	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/15/2011 1117	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1117				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.000700	U	0.000700	0.00500
1,1,2-Trichloroethane	0.000500	U	0.000500	0.00500
Trichloroethene	0.000280	U	0.000280	0.00500
Trichlorofluoromethane	0.000500	U	0.000500	0.00500
1,2,3-Trichloropropane	0.000760	U	0.000760	0.00500
1,1,2-Trichloro-1,2,2-trifluoroethane	0.000670	U	0.000670	0.00500
1,3,5-Trimethylbenzene	0.000210	U	0.000210	0.00500
1,2,4-Trimethylbenzene	0.000200	U	0.000200	0.00500
Vinyl acetate	0.00110	U	0.00110	0.00500
Vinyl chloride	0.000600	U	0.000600	0.00500
Xylenes, Total	0.000360	U	0.000360	0.0150

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	88	63 - 136
1,2-Dichloroethane-d4 (Surr)	96	70 - 152
Toluene-d8 (Surr)	98	69 - 139
4-Bromofluorobenzene (Surr)	95	61 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Control Sample - Batch: 560-61803

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 560-61803/3	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/15/2011 1001	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1001				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	0.0500	0.05060	101	31 - 172	
Acetonitrile	0.500	0.4569	91	10 - 200	
Benzene	0.0500	0.04820	96	70 - 130	
Bromoform	0.0500	0.04560	91	55 - 138	
Bromomethane	0.0500	0.04730	95	40 - 148	
2-Butanone (MEK)	0.0500	0.05080	102	43 - 149	
Carbon disulfide	0.0500	0.05580	112	69 - 154	
Carbon tetrachloride	0.0500	0.05060	101	70 - 130	
Chlorobenzene	0.0500	0.04950	99	70 - 130	
Chlorodibromomethane	0.0500	0.05050	101	70 - 130	
Chloroethane	0.0500	0.05220	104	42 - 147	
Chloroform	0.0500	0.04680	94	70 - 130	
Chloromethane	0.0500	0.05290	106	46 - 135	
cis-1,2-Dichloroethene	0.0500	0.04760	95	69 - 130	
cis-1,3-Dichloropropene	0.0500	0.04940	99	64 - 131	
Dibromomethane	0.0500	0.04720	94	70 - 130	
Dichlorobromomethane	0.0500	0.04910	98	70 - 130	
Dichlorodifluoromethane	0.0500	0.04780	96	16 - 154	
1,1-Dichloroethane	0.0500	0.04720	94	70 - 130	
1,2-Dichloroethane	0.0500	0.04650	93	70 - 130	
1,1-Dichloroethene	0.0500	0.04780	96	66 - 130	
2,2-Dichloropropane	0.0500	0.05190	104	66 - 133	
1,2-Dichloropropane	0.0500	0.04840	97	70 - 130	
1,3-Dichloropropane	0.0500	0.04830	97	70 - 130	
1,1-Dichloropropene	0.0500	0.05010	100	70 - 130	
1,4-Dioxane	1.00	1.047	105	24 - 172	
Ethyl acetate	0.0500	0.04780	96	46 - 164	
Ethylbenzene	0.0500	0.05090	102	70 - 130	
Ethylene Dibromide	0.0500	0.04920	98	70 - 131	
Ethyl ether	0.0500	0.04660	93	62 - 130	
Ethyl methacrylate	0.0500	0.05140	103	61 - 151	
2-Hexanone	0.0500	0.05440	109	37 - 170	
Iodomethane	0.0500	0.04910	98	70 - 147	
Methylene Chloride	0.0500	0.04480	90	65 - 130	
Methyl methacrylate	0.0500	0.04420	88	56 - 139	
4-Methyl-2-pentanone (MIBK)	0.0500	0.05390	108	42 - 159	
Methyl tert-butyl ether	0.0500	0.04730	95	55 - 144	
2-Nitropropane	0.0500	0.04340	87	32 - 158	
Styrene	0.0500	0.05130	103	67 - 133	
1,1,2,2-Tetrachloroethane	0.0500	0.05030	101	69 - 130	
Tetrachloroethene	0.0500	0.04900	98	66 - 130	
Toluene	0.0500	0.04930	99	70 - 130	
trans-1,2-Dichloroethene	0.0500	0.04740	95	69 - 130	
trans-1,3-Dichloropropene	0.0500	0.04970	99	62 - 132	
1,2,3-Trichlorobenzene	0.0500	0.05290	106	58 - 146	
1,1,1-Trichloroethane	0.0500	0.05000	100	70 - 130	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Control Sample - Batch: 560-61803

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 560-61803/3	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151103.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	07/15/2011 1001	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1001				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	0.0500	0.04790	96	70 - 130	
Trichloroethene	0.0500	0.04950	99	70 - 130	
Trichlorofluoromethane	0.0500	0.05280	106	61 - 130	
1,2,3-Trichloropropane	0.0500	0.04870	97	70 - 142	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05060	101	51 - 130	
1,3,5-Trimethylbenzene	0.0500	0.05160	103	70 - 130	
1,2,4-Trimethylbenzene	0.0500	0.05120	102	70 - 130	
Vinyl acetate	0.0500	0.05900	118	56 - 175	
Vinyl chloride	0.0500	0.04900	98	50 - 135	
Xylenes, Total	0.150	0.1538	103	70 - 130	

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane (Surr)	95	63 - 136
1,2-Dichloroethane-d4 (Surr)	94	70 - 152
Toluene-d8 (Surr)	98	69 - 139
4-Bromofluorobenzene (Surr)	100	61 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61803

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151112.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.66 g
Analysis Date:	07/15/2011 1349			Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1349				
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-1	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.61 g
Analysis Date:	07/15/2011 1414			Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1414				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	88	90	10 - 200	2.2	30.0		
Acetonitrile	83	89	10 - 194	7.6	30.0		
Benzene	88	95	56 - 132	8.3	30.0		
Bromoform	75	82	51 - 130	9.3	30.0		
Bromomethane	93	92	37 - 147	1.0	30.0		
2-Butanone (MEK)	90	91	11 - 164	2.0	30.0		
Carbon disulfide	97	89	51 - 151	7.7	30.0		
Carbon tetrachloride	87	94	57 - 130	8.6	30.0		
Chlorobenzene	87	95	62 - 130	10.6	30.0		
Chlorodibromomethane	88	98	61 - 130	11.7	30.0		
Chloroethane	95	99	44 - 136	4.8	30.0		
Chloroform	86	92	61 - 133	7.6	30.0		
Chloromethane	99	102	44 - 131	4.3	30.0		
cis-1,2-Dichloroethene	89	93	56 - 130	5.7	30.0		
cis-1,3-Dichloropropene	87	94	52 - 130	8.0	30.0		
Dibromomethane	85	91	56 - 130	7.9	30.0		
Dichlorobromomethane	87	96	66 - 130	10.1	30.0		
Dichlorodifluoromethane	85	88	10 - 152	4.4	30.0		
1,1-Dichloroethane	87	93	55 - 133	6.9	30.0		
1,2-Dichloroethane	86	93	55 - 132	8.7	30.0		
1,1-Dichloroethene	86	91	50 - 134	7.2	30.0		
2,2-Dichloropropane	90	94	59 - 132	4.4	30.0		
1,2-Dichloropropane	89	96	61 - 130	8.4	30.0		
1,3-Dichloropropane	92	102	62 - 130	11.6	30.0		
1,1-Dichloropropene	88	96	57 - 130	9.4	30.0		
1,4-Dioxane	91	101	10 - 182	11.4	30.0		
Ethyl acetate	0	0	10 - 192	NC	30.0	U N	U N
Ethylbenzene	90	98	48 - 138	9.6	30.0		
Ethylene Dibromide	89	100	57 - 130	12.8	30.0		
Ethyl ether	84	94	34 - 151	11.5	30.0		
Ethyl methacrylate	25	14	10 - 168	54.4	30.0		N
2-Hexanone	93	104	33 - 145	11.8	30.0		
Iodomethane	87	85	64 - 151	1.0	30.0		

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61803

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151112.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.66 g
Analysis Date:	07/15/2011 1349			Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1349				
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-1	Analysis Batch:	560-61803	Instrument ID:	VGCMS#3
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	07151113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.61 g
Analysis Date:	07/15/2011 1414			Final Weight/Volume:	5 mL
Prep Date:	07/15/2011 1414				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	85	92	48 - 147	7.9	30.0		
Methyl methacrylate	121	134	22 - 180	11.4	30.0		
4-Methyl-2-pentanone (MIBK)	97	105	32 - 141	8.2	30.0		
Methyl tert-butyl ether	87	92	26 - 170	6.5	30.0		
2-Nitropropane	75	84	20 - 147	11.7	30.0		
Styrene	84	92	46 - 130	9.5	30.0		
1,1,2,2-Tetrachloroethane	105	120	19 - 178	14.2	30.0		
Tetrachloroethene	85	98	66 - 130	15.1	30.0		
Toluene	88	95	48 - 135	8.7	30.0		
trans-1,2-Dichloroethene	87	92	55 - 132	5.8	30.0		
trans-1,3-Dichloropropene	87	95	40 - 135	9.7	30.0		
1,2,3-Trichlorobenzene	45	48	10 - 136	6.5	30.0		
1,1,1-Trichloroethane	88	94	60 - 130	7.7	30.0		
1,1,2-Trichloroethane	90	102	53 - 138	13.0	30.0		
Trichloroethene	87	95	57 - 130	9.7	30.0		
Trichlorofluoromethane	89	96	44 - 130	8.9	30.0		
1,2,3-Trichloropropane	106	123	48 - 171	15.4	30.0		
1,1,2-Trichloro-1,2,2-trifluoroethane	88	91	38 - 130	4.2	30.0		
1,3,5-Trimethylbenzene	96	109	55 - 137	13.6	30.0		
1,2,4-Trimethylbenzene	95	106	51 - 139	12.3	30.0		
Vinyl acetate	0	0	10 - 186	NC	30.0	U N	U N
Vinyl chloride	89	93	41 - 135	4.6	30.0		
Xylenes, Total	88	96	49 - 137	9.7	30.0		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Dibromofluoromethane (Surr)	95	92	63 - 136
1,2-Dichloroethane-d4 (Surr)	95	92	70 - 152
Toluene-d8 (Surr)	97	93	69 - 139
4-Bromofluorobenzene (Surr)	90	87	61 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61803

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	560-27063-1	Units:	mg/Kg	MSD Lab Sample ID:	560-27063-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/15/2011 1349			Analysis Date:	07/15/2011 1414
Prep Date:	07/15/2011 1349			Prep Date:	07/15/2011 1414
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acetone	0.0136	J	0.0462	0.0466	0.05406		0.05529	
Acetonitrile	0.0341	U	0.462	0.466	0.3857		0.4161	
Benzene	0.000212	U	0.0462	0.0466	0.04057		0.04410	
Bromoform	0.000471	U	0.0462	0.0466	0.03484		0.03823	
Bromomethane	0.00101	U	0.0462	0.0466	0.04279		0.04308	
2-Butanone (MEK)	0.000923	U	0.0462	0.0466	0.04168		0.04252	
Carbon disulfide	0.000923	U	0.0462	0.0466	0.04473		0.04140	
Carbon tetrachloride	0.000471	U	0.0462	0.0466	0.04039		0.04401	
Chlorobenzene	0.000212	U	0.0462	0.0466	0.04002		0.04448	
Chlorodibromomethane	0.000590	U	0.0462	0.0466	0.04057		0.04560	
Chloroethane	0.000240	U	0.0462	0.0466	0.04381		0.04597	
Chloroform	0.000803	U	0.0462	0.0466	0.03983		0.04298	
Chloromethane	0.00111	U	0.0462	0.0466	0.04575		0.04774	
cis-1,2-Dichloroethene	0.000526	U	0.0462	0.0466	0.04094		0.04336	
cis-1,3-Dichloropropene	0.000130	U	0.0462	0.0466	0.04039		0.04373	
Dibromomethane	0.000655	U	0.0462	0.0466	0.03937		0.04261	
Dichlorobromomethane	0.000175	U	0.0462	0.0466	0.04029		0.04457	
Dichlorodifluoromethane	0.000673	U	0.0462	0.0466	0.03909		0.04084	
1,1-Dichloroethane	0.000544	U	0.0462	0.0466	0.04039		0.04326	
1,2-Dichloroethane	0.000480	U	0.0462	0.0466	0.03955		0.04317	
1,1-Dichloroethene	0.000175	U	0.0462	0.0466	0.03965		0.04261	
2,2-Dichloropropane	0.000775	U	0.0462	0.0466	0.04177		0.04364	
1,2-Dichloropropane	0.000138	U	0.0462	0.0466	0.04122		0.04485	
1,3-Dichloropropane	0.000221	U	0.0462	0.0466	0.04242		0.04765	
1,1-Dichloropropene	0.000480	U	0.0462	0.0466	0.04066		0.04466	
1,4-Dioxane	0.0175	U	0.924	0.932	0.8406		0.9423	
Ethyl acetate	0.00111	U	0.0462	0.0466	0.00111	U N	0.00112	U N
Ethylbenzene	0.000203	U	0.0462	0.0466	0.04140		0.04560	
Ethylene Dibromide	0.000157	U	0.0462	0.0466	0.04094		0.04653	
Ethyl ether	0.000157	U	0.0462	0.0466	0.03891		0.04364	
Ethyl methacrylate	0.000471	U	0.0462	0.0466	0.01155		0.006611	N
2-Hexanone	0.00111	U	0.0462	0.0466	0.04307		0.04849	
Iodomethane	0.000738	U	0.0462	0.0466	0.04002		0.03963	
Methylene Chloride	0.00461	U	0.0462	0.0466	0.03946		0.04270	
Methyl methacrylate	0.00101	U	0.0462	0.0466	0.05582		0.06257	
4-Methyl-2-pentanone (MIBK)	0.000858	U	0.0462	0.0466	0.04492		0.04877	
Methyl tert-butyl ether	0.000563	U	0.0462	0.0466	0.04011		0.04280	
2-Nitropropane	0.000480	U	0.0462	0.0466	0.03484		0.03916	
Styrene	0.000185	U	0.0462	0.0466	0.03882		0.04270	
1,1,2,2-Tetrachloroethane	0.000351	U	0.0462	0.0466	0.04861		0.05604	
Tetrachloroethene	0.000683	U	0.0462	0.0466	0.03937		0.04578	
Toluene	0.000517	U	0.0462	0.0466	0.04066		0.04438	
trans-1,2-Dichloroethene	0.000461	U	0.0462	0.0466	0.04039		0.04280	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61803

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	560-27063-1	Units:	mg/Kg	MSD Lab Sample ID:	560-27063-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/15/2011 1349			Analysis Date:	07/15/2011 1414
Prep Date:	07/15/2011 1349			Prep Date:	07/15/2011 1414
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
trans-1,3-Dichloropropene	0.000480	U	0.0462	0.0466	0.04020		0.04429	
1,2,3-Trichlorobenzene	0.000406	U	0.0462	0.0466	0.02098		0.02238	
1,1,1-Trichloroethane	0.000646	U	0.0462	0.0466	0.04076		0.04401	
1,1,2-Trichloroethane	0.000461	U	0.0462	0.0466	0.04168		0.04746	
Trichloroethene	0.000258	U	0.0462	0.0466	0.04011		0.04420	
Trichlorofluoromethane	0.000461	U	0.0462	0.0466	0.04103		0.04485	
1,2,3-Trichloropropane	0.000701	U	0.0462	0.0466	0.04898		0.05716	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.000618	U	0.0462	0.0466	0.04085		0.04261	
1,3,5-Trimethylbenzene	0.000194	U	0.0462	0.0466	0.04427		0.05072	
1,2,4-Trimethylbenzene	0.000185	U	0.0462	0.0466	0.04371		0.04942	
Vinyl acetate	0.00101	U	0.0462	0.0466	0.00102	U N	0.00103	U N
Vinyl chloride	0.000554	U	0.0462	0.0466	0.04131		0.04326	
Xylenes, Total	0.000332	U	0.139	0.140	0.1218		0.1343	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61801

Method: 8270C
Preparation: 3550B

Lab Sample ID:	MB 560-61801/1-A	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.27 g
Analysis Date:	07/20/2011 1719	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	0.0166	U	0.0166	0.327
Acenaphthylene	0.0166	U	0.0166	0.327
Anthracene	0.0166	U	0.0166	0.327
Benzo[a]anthracene	0.0166	U	0.0166	0.327
Benzo[a]pyrene	0.0166	U	0.0166	0.327
Benzo[b]fluoranthene	0.0166	U	0.0166	0.327
Benzo[g,h,i]perylene	0.0166	U	0.0166	0.327
Benzo[k]fluoranthene	0.0166	U	0.0166	0.327
Benzyl alcohol	0.0243	U	0.0243	0.327
Bis(2-chloroethoxy)methane	0.0166	U	0.0166	0.327
Bis(2-chloroethyl)ether	0.0371	U	0.0371	0.327
Bis(2-ethylhexyl) phthalate	0.0166	U	0.0166	0.327
4-Bromophenyl phenyl ether	0.0166	U	0.0166	0.327
Butyl benzyl phthalate	0.0166	U	0.0166	0.327
4-Chloroaniline	0.0462	U	0.0462	0.327
4-Chloro-3-methylphenol	0.0166	U	0.0166	0.327
2-Chloronaphthalene	0.0166	U	0.0166	0.327
2-Chlorophenol	0.0276	U	0.0276	0.327
4-Chlorophenyl phenyl ether	0.0166	U	0.0166	0.327
Chrysene	0.0166	U	0.0166	0.327
Dibenz(a,h)anthracene	0.0166	U	0.0166	0.327
Dibenzofuran	0.0166	U	0.0166	0.327
1,3-Dichlorobenzene	0.0434	U	0.0434	0.327
1,4-Dichlorobenzene	0.0454	U	0.0454	0.327
1,2-Dichlorobenzene	0.0516	U	0.0516	0.327
3,3'-Dichlorobenzidine	0.0496	U	0.0496	0.327
2,4-Dichlorophenol	0.0226	U	0.0226	0.327
Diethyl phthalate	0.0166	U	0.0166	0.327
2,4-Dimethylphenol	0.0202	U	0.0202	0.327
Dimethyl phthalate	0.0166	U	0.0166	0.327
Di-n-butyl phthalate	0.0166	U	0.0166	0.327
4,6-Dinitro-2-methylphenol	0.0496	U	0.0496	0.327
2,4-Dinitrophenol	0.0991	U	0.0991	0.327
2,6-Dinitrotoluene	0.0496	U	0.0496	0.327
2,4-Dinitrotoluene	0.0209	U	0.0209	0.327
Di-n-octyl phthalate	0.0185	U	0.0185	0.327
Fluoranthene	0.0166	U	0.0166	0.327
Fluorene	0.0166	U	0.0166	0.327
Hexachlorobenzene	0.0166	U	0.0166	0.327
Hexachlorobutadiene	0.0443	U	0.0443	0.327
Hexachlorocyclopentadiene	0.0991	U	0.0991	0.327
Hexachloroethane	0.0497	U	0.0497	0.327
Indeno[1,2,3-cd]pyrene	0.0166	U	0.0166	0.327
Isophorone	0.0166	U	0.0166	0.327
2-Methylnaphthalene	0.0308	U	0.0308	0.327

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61801

Method: 8270C
Preparation: 3550B

Lab Sample ID:	MB 560-61801/1-A	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.27 g
Analysis Date:	07/20/2011 1719	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
2-Methylphenol	0.0327	U	0.0327	0.327
3 & 4 Methylphenol	0.0496	U	0.0496	0.664
Naphthalene	0.0413	U	0.0413	0.327
2-Nitroaniline	0.0220	U	0.0220	0.327
3-Nitroaniline	0.0496	U	0.0496	0.327
4-Nitroaniline	0.0278	U	0.0278	0.327
Nitrobenzene	0.0361	U	0.0361	0.327
2-Nitrophenol	0.0168	U	0.0168	0.327
4-Nitrophenol	0.0302	U	0.0302	0.327
N-Nitrosodi-n-propylamine	0.0166	U	0.0166	0.327
N-Nitrosodiphenylamine	0.0166	U	0.0166	0.327
Pentachlorophenol	0.0991	U	0.0991	0.327
Phenanthrene	0.0166	U	0.0166	0.327
Phenol	0.0166	U	0.0166	0.327
Pyrene	0.0166	U	0.0166	0.327
1,2,4-Trichlorobenzene	0.0453	U	0.0453	0.327
2,4,6-Trichlorophenol	0.0166	U	0.0166	0.327
2,4,5-Trichlorophenol	0.0166	U	0.0166	0.327

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	72	48 - 130
Phenol-d5	77	56 - 130
Nitrobenzene-d5	77	48 - 130
2-Fluorobiphenyl	79	57 - 130
2,4,6-Tribromophenol	93	30 - 131
Terphenyl-d14	79	58 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Control Sample - Batch: 560-61801

Method: 8270C
Preparation: 3550B

Lab Sample ID:	LCS 560-61801/2-A	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.63 g
Analysis Date:	07/20/2011 1744	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3.26	3.030	93	70 - 130	
Acenaphthylene	3.26	3.023	93	70 - 130	
Anthracene	3.26	3.079	94	70 - 130	
Benzo[a]anthracene	3.26	3.265	100	70 - 130	
Benzo[a]pyrene	3.26	3.621	111	70 - 130	
Benzo[b]fluoranthene	3.26	3.337	102	70 - 130	
Benzo[g,h,i]perylene	3.26	3.151	96	70 - 130	
Benzo[k]fluoranthene	3.26	3.010	92	70 - 130	
Benzyl alcohol	3.26	2.866	88	64 - 130	
Bis(2-chloroethoxy)methane	3.26	2.811	86	68 - 130	
Bis(2-chloroethyl)ether	3.26	2.579	79	61 - 130	
Bis(2-ethylhexyl) phthalate	3.26	3.373	103	70 - 130	
4-Bromophenyl phenyl ether	3.26	3.154	97	70 - 130	
Butyl benzyl phthalate	3.26	3.199	98	70 - 130	
4-Chloroaniline	3.26	2.282	70	34 - 130	
4-Chloro-3-methylphenol	3.26	3.229	99	70 - 130	
2-Chloronaphthalene	3.26	2.912	89	69 - 130	
2-Chlorophenol	3.26	2.746	84	64 - 130	
4-Chlorophenyl phenyl ether	3.26	3.092	95	70 - 130	
Chrysene	3.26	3.346	102	70 - 130	
Dibenz(a,h)anthracene	3.26	3.232	99	70 - 130	
Dibenzofuran	3.26	2.994	92	70 - 130	
1,3-Dichlorobenzene	3.26	2.674	82	60 - 130	
1,4-Dichlorobenzene	3.26	2.713	83	62 - 130	
1,2-Dichlorobenzene	3.26	2.622	80	59 - 130	
3,3'-Dichlorobenzidine	4.90	3.121	64	41 - 130	
2,4-Dichlorophenol	3.26	3.151	96	70 - 130	
Diethyl phthalate	3.26	3.177	97	70 - 130	
2,4-Dimethylphenol	3.26	3.310	101	70 - 130	
Dimethyl phthalate	3.26	3.069	94	70 - 130	
Di-n-butyl phthalate	3.26	3.079	94	70 - 130	
4,6-Dinitro-2-methylphenol	3.26	2.945	90	66 - 130	
2,4-Dinitrophenol	3.26	2.886	88	54 - 130	
2,6-Dinitrotoluene	3.26	3.088	95	70 - 130	
2,4-Dinitrotoluene	3.26	3.056	94	70 - 130	
Di-n-octyl phthalate	3.26	3.317	102	70 - 130	
Fluoranthene	3.26	3.245	99	70 - 130	
Fluorene	3.26	3.183	97	70 - 130	
Hexachlorobenzene	3.26	3.095	95	70 - 130	
Hexachlorobutadiene	3.26	3.075	94	65 - 130	
Hexachlorocyclopentadiene	3.26	2.341	72	43 - 130	
Hexachloroethane	3.26	2.550	78	59 - 130	
Indeno[1,2,3-cd]pyrene	3.26	3.193	98	70 - 130	
Isophorone	3.26	2.638	81	65 - 130	
2-Methylnaphthalene	3.26	2.984	91	70 - 130	
2-Methylphenol	3.26	2.671	82	66 - 130	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Control Sample - Batch: 560-61801

Method: 8270C
Preparation: 3550B

Lab Sample ID:	LCS 560-61801/2-A	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201118.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.63 g
Analysis Date:	07/20/2011 1744	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	6.53	5.524	85	63 - 130	
Naphthalene	3.26	2.883	88	70 - 130	
2-Nitroaniline	3.26	2.951	90	65 - 142	
3-Nitroaniline	3.26	2.445	75	44 - 130	
4-Nitroaniline	3.26	3.219	99	70 - 130	
Nitrobenzene	3.26	2.664	82	62 - 130	
2-Nitrophenol	3.26	2.948	90	69 - 130	
4-Nitrophenol	3.26	3.160	97	62 - 131	
N-Nitrosodi-n-propylamine	3.26	2.498	76	58 - 130	
N-Nitrosodiphenylamine	3.26	2.925	90	70 - 130	
Pentachlorophenol	3.26	3.095	95	51 - 130	
Phenanthrene	3.26	3.082	94	70 - 130	
Phenol	3.26	2.795	86	67 - 130	
Pyrene	3.26	2.929	90	70 - 130	
1,2,4-Trichlorobenzene	3.26	2.932	90	66 - 130	
2,4,6-Trichlorophenol	3.26	3.206	98	70 - 130	
2,4,5-Trichlorophenol	3.26	3.252	100	70 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	75	48 - 130
Phenol-d5	79	56 - 130
Nitrobenzene-d5	78	48 - 130
2-Fluorobiphenyl	85	57 - 130
2,4,6-Tribromophenol	96	30 - 131
Terphenyl-d14	83	58 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61801

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.28 g
Analysis Date:	07/20/2011 1809			Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-1	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201120.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.99 g
Analysis Date:	07/20/2011 1834			Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	92	93	70 - 130	2	30		
Acenaphthylene	92	94	70 - 130	3	30		
Anthracene	92	96	70 - 130	5	30		
Benzo[a]anthracene	99	100	70 - 130	2	30		
Benzo[a]pyrene	108	111	70 - 130	4	30		
Benzo[b]fluoranthene	102	103	70 - 130	1	30		
Benzo[g,h,i]perylene	94	97	70 - 130	4	30		
Benzo[k]fluoranthene	91	93	70 - 130	3	30		
Benzyl alcohol	84	84	64 - 130	0	30		
Bis(2-chloroethoxy)methane	82	82	68 - 130	1	30		
Bis(2-chloroethyl)ether	77	73	61 - 130	4	30		
Bis(2-ethylhexyl) phthalate	102	109	70 - 130	7	30		
4-Bromophenyl phenyl ether	94	98	70 - 130	5	30		
Butyl benzyl phthalate	96	97	70 - 130	2	30		
4-Chloroaniline	76	84	34 - 130	11	30		
4-Chloro-3-methylphenol	97	98	70 - 130	2	30		
2-Chloronaphthalene	89	90	69 - 130	2	30		
2-Chlorophenol	82	80	64 - 130	1	30		
4-Chlorophenyl phenyl ether	95	96	70 - 130	2	30		
Chrysene	101	104	70 - 130	4	30		
Dibenz(a,h)anthracene	98	101	70 - 130	4	30		
Dibenzofuran	91	91	70 - 130	1	30		
1,3-Dichlorobenzene	78	73	60 - 130	7	30		
1,4-Dichlorobenzene	79	73	62 - 130	8	30		
1,2-Dichlorobenzene	77	73	59 - 130	5	30		
3,3'-Dichlorobenzidine	77	85	41 - 130	12	30		
2,4-Dichlorophenol	93	97	70 - 130	5	30		
Diethyl phthalate	95	98	70 - 130	4	30		
2,4-Dimethylphenol	99	101	70 - 130	3	30		
Dimethyl phthalate	92	96	70 - 130	5	30		
Di-n-butyl phthalate	93	94	70 - 130	2	30		
4,6-Dinitro-2-methylphenol	80	79	66 - 130	0	30		
2,4-Dinitrophenol	74	61	54 - 130	17	30		

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61801

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.28 g
Analysis Date:	07/20/2011 1809			Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-1	Analysis Batch:	560-62025	Instrument ID:	SVGCMS#2
Client Matrix:	Solid	Prep Batch:	560-61801	Lab File ID:	07201120.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.99 g
Analysis Date:	07/20/2011 1834			Final Weight/Volume:	1 mL
Prep Date:	07/15/2011 0831			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,6-Dinitrotoluene	93	97	70 - 130	5	30		
2,4-Dinitrotoluene	94	96	70 - 130	3	30		
Di-n-octyl phthalate	101	106	70 - 130	6	30		
Fluoranthene	97	100	70 - 130	3	30		
Fluorene	97	98	70 - 130	2	30		
Hexachlorobenzene	93	96	70 - 130	4	30		
Hexachlorobutadiene	90	88	65 - 130	1	30		
Hexachlorocyclopentadiene	76	73	43 - 130	3	30		
Hexachloroethane	76	69	59 - 130	9	30		
Indeno[1,2,3-cd]pyrene	96	99	70 - 130	4	30		
Isophorone	79	78	65 - 130	0	30		
2-Methylnaphthalene	90	91	70 - 130	2	30		
2-Methylphenol	81	80	66 - 130	0	30		
3 & 4 Methylphenol	84	83	63 - 130	1	30		
Naphthalene	86	85	70 - 130	0	30		
2-Nitroaniline	87	88	65 - 142	3	30		
3-Nitroaniline	83	89	44 - 130	8	30		
4-Nitroaniline	95	99	70 - 130	5	30		
Nitrobenzene	79	76	62 - 130	3	30		
2-Nitrophenol	87	87	69 - 130	1	30		
4-Nitrophenol	102	96	62 - 131	5	30		
N-Nitrosodi-n-propylamine	74	71	58 - 130	3	30		
N-Nitrosodiphenylamine	86	90	70 - 130	6	30		
Pentachlorophenol	91	96	51 - 130	6	30		
Phenanthrene	93	96	70 - 130	4	30		
Phenol	84	83	67 - 130	0	30		
Pyrene	90	94	70 - 130	5	30		
1,2,4-Trichlorobenzene	88	86	66 - 130	1	30		
2,4,6-Trichlorophenol	98	101	70 - 130	3	30		
2,4,5-Trichlorophenol	101	105	70 - 130	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	77	68	48 - 130
Phenol-d5	76	76	56 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	74	73	48 - 130
2-Fluorobiphenyl	84	84	57 - 130
2,4,6-Tribromophenol	94	98	30 - 131
Terphenyl-d14	85	85	58 - 130

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61801

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-27063-1	Units:	mg/Kg	MSD Lab Sample ID:	560-27063-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/20/2011 1809			Analysis Date:	07/20/2011 1834
Prep Date:	07/15/2011 0831			Prep Date:	07/15/2011 0831
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acenaphthene	0.0170	U	3.45	3.49	3.172	3.244
Acenaphthylene	0.0170	U	3.45	3.49	3.168	3.276
Anthracene	0.0170	U	3.45	3.49	3.182	3.359
Benzo[a]anthracene	0.0170	U	3.45	3.49	3.414	3.492
Benzo[a]pyrene	0.0170	U	3.45	3.49	3.718	3.855
Benzo[b]fluoranthene	0.0170	U	3.45	3.49	3.524	3.576
Benzo[g,h,i]perylene	0.0170	U	3.45	3.49	3.255	3.391
Benzo[k]fluoranthene	0.0170	U	3.45	3.49	3.154	3.248
Benzyl alcohol	0.0249	U	3.45	3.49	2.906	2.916
Bis(2-chloroethoxy)methane	0.0170	U	3.45	3.49	2.823	2.850
Bis(2-chloroethyl)ether	0.0380	U	3.45	3.49	2.653	2.540
Bis(2-ethylhexyl) phthalate	0.0383	J	3.45	3.49	3.576	3.830
4-Bromophenyl phenyl ether	0.0170	U	3.45	3.49	3.258	3.429
Butyl benzyl phthalate	0.0170	U	3.45	3.49	3.320	3.394
4-Chloroaniline	0.0474	U	3.45	3.49	2.612	2.916
4-Chloro-3-methylphenol	0.0170	U	3.45	3.49	3.341	3.412
2-Chloronaphthalene	0.0170	U	3.45	3.49	3.078	3.150
2-Chlorophenol	0.0283	U	3.45	3.49	2.823	2.787
4-Chlorophenyl phenyl ether	0.0170	U	3.45	3.49	3.286	3.356
Chrysene	0.0170	U	3.45	3.49	3.493	3.628
Dibenz(a,h)anthracene	0.0170	U	3.45	3.49	3.376	3.520
Dibenzofuran	0.0170	U	3.45	3.49	3.151	3.181
1,3-Dichlorobenzene	0.0445	U	3.45	3.49	2.709	2.536
1,4-Dichlorobenzene	0.0466	U	3.45	3.49	2.747	2.540
1,2-Dichlorobenzene	0.0530	U	3.45	3.49	2.671	2.536
3,3'-Dichlorobenzidine	0.0509	U	5.18	5.23	3.970	4.465
2,4-Dichlorophenol	0.0232	U	3.45	3.49	3.217	3.391
Diethyl phthalate	0.0170	U	3.45	3.49	3.289	3.419
2,4-Dimethylphenol	0.0207	U	3.45	3.49	3.414	3.516
Dimethyl phthalate	0.0170	U	3.45	3.49	3.172	3.345
Di-n-butyl phthalate	0.0170	U	3.45	3.49	3.199	3.276
4,6-Dinitro-2-methylphenol	0.0509	U	3.45	3.49	2.750	2.759
2,4-Dinitrophenol	0.102	U	3.45	3.49	2.543	2.142
2,6-Dinitrotoluene	0.0509	U	3.45	3.49	3.213	3.370
2,4-Dinitrotoluene	0.0215	U	3.45	3.49	3.234	3.331
Di-n-octyl phthalate	0.0190	U	3.45	3.49	3.479	3.712
Fluoranthene	0.0170	U	3.45	3.49	3.358	3.471
Fluorene	0.0170	U	3.45	3.49	3.341	3.422
Hexachlorobenzene	0.0170	U	3.45	3.49	3.217	3.342
Hexachlorobutadiene	0.0455	U	3.45	3.49	3.123	3.080
Hexachlorocyclopentadiene	0.102	U	3.45	3.49	2.633	2.554
Hexachloroethane	0.0510	U	3.45	3.49	2.636	2.410
Indeno[1,2,3-cd]pyrene	0.0170	U	3.45	3.49	3.324	3.454

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-61801

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	560-27063-1	Units:	mg/Kg	MSD Lab Sample ID:	560-27063-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/20/2011 1809			Analysis Date:	07/20/2011 1834
Prep Date:	07/15/2011 0831			Prep Date:	07/15/2011 0831
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isophorone	0.0170	U	3.45	3.49	2.716	2.724
2-Methylnaphthalene	0.0316	U	3.45	3.49	3.096	3.167
2-Methylphenol	0.0336	U	3.45	3.49	2.785	2.787
3 & 4 Methylphenol	0.0509	U	6.91	6.98	5.770	5.805
Naphthalene	0.0424	U	3.45	3.49	2.968	2.969
2-Nitroaniline	0.0226	U	3.45	3.49	2.992	3.070
3-Nitroaniline	0.0509	U	3.45	3.49	2.854	3.087
4-Nitroaniline	0.0286	U	3.45	3.49	3.275	3.447
Nitrobenzene	0.0370	U	3.45	3.49	2.719	2.644
2-Nitrophenol	0.0173	U	3.45	3.49	2.999	3.042
4-Nitrophenol	0.0310	U	3.45	3.49	3.538	3.356
N-Nitrosodi-n-propylamine	0.0170	U	3.45	3.49	2.564	2.480
N-Nitrosodiphenylamine	0.0170	U	3.45	3.49	2.982	3.154
Pentachlorophenol	0.102	U	3.45	3.49	3.154	3.342
Phenanthrene	0.0170	U	3.45	3.49	3.217	3.363
Phenol	0.0170	U	3.45	3.49	2.892	2.881
Pyrene	0.0170	U	3.45	3.49	3.109	3.262
1,2,4-Trichlorobenzene	0.0465	U	3.45	3.49	3.033	3.007
2,4,6-Trichlorophenol	0.0170	U	3.45	3.49	3.396	3.506
2,4,5-Trichlorophenol	0.0170	U	3.45	3.49	3.493	3.656

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-62112

Method: 20B
Preparation: 20B
Soluble

Lab Sample ID:	MB 560-62112/31-A	Analysis Batch:	560-62200	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	560-62112	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 g
Analysis Date:	07/26/2011 0835	Units:	mg/L	Final Weight/Volume:	200 mL
Prep Date:	07/22/2011 1218				
Leach Date:	N/A				

Analyte	Result	Qual	NONE	NONE
Ca	0.0000			
Mg	0.0000			
Na	0.0000			

Method Blank - Batch: 560-62112

Method: 20B
Preparation: 20B
Soluble

Lab Sample ID:	MB 560-62112/31-A	Analysis Batch:	560-62200	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	560-62112	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	200 g
Analysis Date:	07/26/2011 0835	Units:	NONE	Final Weight/Volume:	200 mL
Prep Date:	07/22/2011 1218				
Leach Date:	N/A				

Analyte	Result	Qual	NONE	NONE
Sodium Adsorption Ratio	0.0000			

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-62099

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 560-62099/1-A	Analysis Batch:	560-62161	Instrument ID:	MTS6500
Client Matrix:	Solid	Prep Batch:	560-62099	Lab File ID:	110722b.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	07/22/2011 1701	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	07/22/2011 1000				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Arsenic	0.145	U	0.145	2.00
Barium	0.189	U	0.189	1.00
Cadmium	0.0360	U	0.0360	0.500
Chromium	0.134	U	0.134	1.00
Lead	0.152	U	0.152	0.500
Selenium	0.198	U	0.198	1.00
Silver	0.110	U	0.110	0.500

Lab Control Sample - Batch: 560-62099

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 560-62099/2-A	Analysis Batch:	560-62161	Instrument ID:	MTS6500
Client Matrix:	Solid	Prep Batch:	560-62099	Lab File ID:	110722b.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 g
Analysis Date:	07/22/2011 1704	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	07/22/2011 1000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	20.0	18.54	93	80 - 120	
Barium	20.0	18.53	93	80 - 120	
Cadmium	20.0	18.86	94	80 - 120	
Chromium	20.0	18.98	95	80 - 120	
Lead	20.0	19.46	97	80 - 120	
Selenium	20.0	17.65	88	80 - 120	
Silver	20.0	19.83	99	80 - 120	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-62099

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-62161	Instrument ID:	MTS6500
Client Matrix:	Solid	Prep Batch:	560-62099	Lab File ID:	110722b.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	+0001.059 g
Analysis Date:	07/22/2011 1708			Final Weight/Volume:	50 mL
Prep Date:	07/22/2011 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-A-1-F MSD	Analysis Batch:	560-62161	Instrument ID:	MTS6500
Client Matrix:	Solid	Prep Batch:	560-62099	Lab File ID:	110722b.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	+0001.239 g
Analysis Date:	07/22/2011 1710			Final Weight/Volume:	50 mL
Prep Date:	07/22/2011 1000				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	90	98	75 - 125	11	20		
Barium	-46	397	75 - 125	13	20	4	
Cadmium	94	98	75 - 125	11	20		
Chromium	99	114	75 - 125	10	20		
Lead	94	125	75 - 125	6	20		
Selenium	87	90	75 - 125	12	20		
Silver	106	102	75 - 125	19	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-62099

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	560-27063-1	Units: mg/Kg	MSD Lab Sample ID: 560-27063-A-1-F MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	07/22/2011 1708		Analysis Date: 07/22/2011 1710
Prep Date:	07/22/2011 1000		Prep Date: 07/22/2011 1000
Leach Date:	N/A		Leach Date: N/A

	Sample		MS Spike	MSD Spike	MS		MSD
Analyte	Result/Qual		Amount	Amount	Result/Qual		Result/Qual
Arsenic	0.752	J	19.8	16.9	18.62		16.68
Barium	96.9		19.8	16.9	87.81	4	76.90
Cadmium	0.0840	J	19.8	16.9	18.57		16.61
Chromium	1.73		19.8	16.9	21.29		19.24
Lead	4.84		19.8	16.9	23.49		22.04
Selenium	0.174	U	19.8	16.9	17.26		15.25
Silver	0.0968	U	19.8	16.9	20.88		17.20

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-62089

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 560-62089/4-A	Analysis Batch:	560-62082	Instrument ID:	Mhg1
Client Matrix:	Solid	Prep Batch:	560-62089	Lab File ID:	110721S.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.6 g
Analysis Date:	07/21/2011 1507	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	07/21/2011 0822				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.0180	U	0.0180	0.200

Lab Control Sample - Batch: 560-62089

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCS 560-62089/5-A	Analysis Batch:	560-62082	Instrument ID:	Mhg1
Client Matrix:	Solid	Prep Batch:	560-62089	Lab File ID:	110721S.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.6 g
Analysis Date:	07/21/2011 1509	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	07/21/2011 0822				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.417	0.4550	109	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-62089

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-27063-1	Analysis Batch:	560-62082	Instrument ID:	Mhg1
Client Matrix:	Solid	Prep Batch:	560-62089	Lab File ID:	110721S.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.947 g
Analysis Date:	07/21/2011 1515			Final Weight/Volume:	50 mL
Prep Date:	07/21/2011 0822				
Leach Date:	N/A				

MSD Lab Sample ID:	560-27063-1	Analysis Batch:	560-62082	Instrument ID:	Mhg1
Client Matrix:	Solid	Prep Batch:	560-62089	Lab File ID:	110721S.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.932 g
Analysis Date:	07/21/2011 1518			Final Weight/Volume:	50 mL
Prep Date:	07/21/2011 0822				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	111	109	75 - 125	0	30		

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-62089

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	560-27063-1	Units:	mg/Kg	MSD Lab Sample ID:	560-27063-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	07/21/2011 1515			Analysis Date:	07/21/2011 1518
Prep Date:	07/21/2011 0822			Prep Date:	07/21/2011 0822
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.0101	U	0.276	0.281	0.3071	0.3064

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 600-58719

Method: 351.2
Preparation: N/A

Lab Sample ID:	MB 600-58719/16	Analysis Batch:	600-58719	Instrument ID:	WC07
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071811TA.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	07/18/2011 1554	Units:	mg/Kg	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Nitrogen, Kjeldahl	35.2	U	35.2	40.0

Lab Control Sample - Batch: 600-58719

Method: 351.2
Preparation: N/A

Lab Sample ID:	LCS 600-58719/17	Analysis Batch:	600-58719	Instrument ID:	WC07
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071811TA.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	07/18/2011 1555	Units:	mg/Kg	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	400	387.5	97	90 - 110	

Matrix Spike - Batch: 600-58719

Method: 351.2
Preparation: N/A

Lab Sample ID:	560-27063-1	Analysis Batch:	600-58719	Instrument ID:	WC07
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071811TA.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	07/18/2011 1604	Units:	mg/Kg	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	815	418	795.4	-5	90 - 110	N

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Duplicate - Batch: 600-58719

Method: 351.2
Preparation: N/A

Lab Sample ID:	560-27063-1	Analysis Batch:	600-58719	Instrument ID:	WC07
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071811TA.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 g
Analysis Date:	07/18/2011 1603	Units:	mg/Kg	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Nitrogen, Kjeldahl	815	744.2	9	20	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Lab Control Sample - Batch: 560-61881

Method: 9045D
Preparation: N/A

Lab Sample ID:	LCS 560-61881/2	Analysis Batch:	560-61881	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/18/2011 0815	Units:	SU	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	4.99	5.040	101	98 - 102	

Duplicate - Batch: 560-61881

Method: 9045D
Preparation: N/A

Lab Sample ID:	560-27063-1	Analysis Batch:	560-61881	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	19.96 mL
Analysis Date:	07/18/2011 1035	Units:	SU	Final Weight/Volume:	20 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	7.45	7.370	1	20	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61854

Method: 9056
Preparation: N/A

Lab Sample ID:	MB 560-61782/1-A	Analysis Batch:	560-61854	Instrument ID:	ICMetro
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071511.csv
Dilution:	1.0	Leach Batch:	560-61782	Initial Weight/Volume:	
Analysis Date:	07/15/2011 1635	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	07/14/2011 1330				

Analyte	Result	Qual	MDL	RL
Nitrate as N-Soluble	0.556	U	0.556	5.00
Nitrite as N-Soluble	2.00	U	2.00	5.00

Lab Control Sample - Batch: 560-61854

Method: 9056
Preparation: N/A

Lab Sample ID:	LCS 560-61782/2-A	Analysis Batch:	560-61854	Instrument ID:	ICMetro
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	071511.csv
Dilution:	1.0	Leach Batch:	560-61782	Initial Weight/Volume:	
Analysis Date:	07/15/2011 1657	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	07/14/2011 1330				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N-Soluble	50.0	49.39	99	80 - 120	
Nitrite as N-Soluble	50.0	49.91	100	80 - 120	

Client: TRC Environmental Corporation

Job Number: 560-27063-1
Sdg Number:

Method Blank - Batch: 560-61826

Method: SM 2510B
Preparation: N/A

Lab Sample ID:	MB 560-61828/7-A	Analysis Batch:	560-61826	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	560-61828	Initial Weight/Volume:	
Analysis Date:	07/15/2011 1245	Units:	umhos/cm	Final Weight/Volume:	30 mL
Prep Date:	N/A				
Leach Date:	07/15/2011 1015				

Analyte	Result	Qual	RL	RL
Specific Conductance-Soluble	1.00	U	1.00	1.00

Lab Control Sample - Batch: 560-61826

Method: SM 2510B
Preparation: N/A

Lab Sample ID:	LCS 560-61828/8-A	Analysis Batch:	560-61826	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	560-61828	Initial Weight/Volume:	
Analysis Date:	07/15/2011 1245	Units:	umhos/cm	Final Weight/Volume:	30 mL
Prep Date:	N/A				
Leach Date:	07/15/2011 1015				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Specific Conductance-Soluble	1000	1003	100	90 - 110	

Duplicate - Batch: 560-61826

Method: SM 2510B
Preparation: N/A

Lab Sample ID:	560-27063-1	Analysis Batch:	560-61826	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	560-61828	Initial Weight/Volume:	
Analysis Date:	07/15/2011 1245	Units:	umhos/cm	Final Weight/Volume:	30 mL
Prep Date:	N/A				
Leach Date:	07/15/2011 1015				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Specific Conductance-Soluble	2630	2609	0.800		

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

2nd Quarter MDLV/DCS (Apr - Jun2011), Jobs #560-25414-3 (VGCMS#3) and XXXXX (VGCMS#4)

GC/MS VOC - D.P. Soil Regular & Extended List **Method Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5mL Soil **Analyst: KRM/RT**

Parameter	Lowest PCL ug/Kg Res.-30acre source	Matrix	MDL in ug/Kg	2011Q2 DCS Spike Conc. Ug/Kg	2011Q2 DCS Measured Value ug/Kg	Alter. DCS Spike Value Conc. Ug/Kg	Alter.DCS Measured Value ug/Kg	Low LVL cal	MDL in TALS ug/Kg	RL ug/Kg
1,1,1,2-Tetrachloroethane 630-20-6	708	Soil DP	0.270	0.50	0.373			5	0.270	5
1,1,1-Trichloroethane 71-55-6 *pp*	810	Soil DP	0.700	1.00	1.140			5	0.700	5
1,1,2,2-Tetrachloroethane 79-34-5 *pp*	12	Soil DP	0.380	0.50	0.512			5	0.380	5
1,1,2-Trichloro-1,2,2,-Trifluoroethane (Freon 113) 76-1	39910000	Soil DP	0.670	1.00	0.694			5	0.670	5
1,1,2-Trichloroethane 79-00-5	10	Soil DP	0.500	1.00	0.969			5	0.500	5
1,1-Dichloroethane 75-34-3 *pp*	4620	Soil DP	0.590	1.00	0.904			5	0.590	5
1,1-Dichloroethene (Vinylidene chloride) 75-35-4 *pp,tclp*	25	Soil DP	0.190	0.50	0.568			5	0.190	5
1,1-Dichloropropene 563-58-6	67	Soil DP	0.520	1.00	1.120			5	0.520	5
1,2,3-Trichlorobenzene 87-61-6	13,100	Soil DP	0.440	0.50	0.478			5	0.440	5
1,2,3-Trichloropropane 96-18-4	0.266	Soil DP	0.760	1.00	1.160			5	0.760	5
1,2,4-Trichlorobenzene 120-82-1	2400	Soil DP	0.970	1.00	0.890			5	0.970	5
1,2,4-Trimethylbenzene 95-63-6	24300	Soil DP	0.200	0.50	0.544			5	0.200	5
1,2-Dibromo-3-Chloropropane 96-12-8	0.87	Soil DP	0.330	1.00	0.790			5	0.330	5
1,2-Dibromoethane (EDB) 106-93-4	0.10	Soil DP	0.170	0.50	0.493			5	0.170	5
1,2-Dichlorobenzene 95-50-1 *pp*	8940	Soil DP	0.250	0.50	0.598			5	0.250	5
1,2-Dichloroethane (EDC) 107-06-2 *pp,TCLP*	7	Soil DP	0.520	1.00	1.350			5	0.520	5
1,2-Dichloropropane 78-87-5 *pp*	11	Soil DP	0.150	0.50	0.560			5	0.150	5
1,3,5-Trichlorobenzene 108-70-3	3730	Soil DP	0.310	0.50	0.470			5	0.310	5
1,3,5-Trimethylbenzene 108-67-8	26600	Soil DP	0.210	0.50	0.527			5	0.210	5
1,3-Dichlorobenzene 541-73-1 *pp*	3370	Soil DP	0.310	0.50	0.548			5	0.310	5
1,3-Dichloropropane 142-28-9	32	Soil DP	0.240	0.50	0.512			5	0.240	5
1,4-Dichlorobenzene 106-46-7 *pp,tclp*	1050	Soil DP	0.320	0.50	0.542			5	0.320	5
1,4-Dioxane (X20) 123-91-1	80	Soil DP	19.000	20.00	24.600			20	19.0	100
1-Chlorohexane 544-10-5	19700	Soil DP	0.550	1.00	1.070			100	0.550	5
1-Octene (Not TCEQ FOA)		Soil DP	0.500	0.50	NA			5	0.500	5
2,2-Dichloropropane 594-20-7	60	Soil DP	0.840	1.00	1.560			5	0.840	5
2-Butanone (Methyl Ethyl Ketone) 78-93-3 *tclp*	14643	Soil DP	1.000	1.00	3.940			5	1.000	5
2-Chloro-1,3-Butadiene (Chloroprene) 126-99-8	15200	Soil DP	0.690	1.00	1.110			5	0.690	5
2-Chloroethylvinyl Ether 110-75-8 *pp*	1.4	Soil DP	0.500	1.00	0.700			5	0.500	5
2-Chlorotoluene 95-49-8	4530	Soil DP	0.220	0.50	0.629			5	0.220	5
2-Hexanone 591-78-6	1940	Soil DP	1.200	2.00	1.550			5	1.200	5
2-Nitropropane 79-46-9	3.5	Soil DP	0.520	1.00	1.840			5	0.520	5
4-Chlorotoluene	2470	Soil DP	0.690	1.00	1.190			5	0.690	5
4-Isopropyltoluene (Cymene) 99-87-6	115800	Soil DP	0.210	0.50	0.539			5	0.210	5
4-Methyl-2-Pentanone (MIBK)	881	Soil DP	0.930	1.00	1.090			5	0.930	5
Acetone 67-64-1	21400	Soil DP	7.200	20.00	16.200			50	7.200	50
Acetonitrile (X10) 75-05-8	758	Soil DP	37.0	50.00	84.300			50	37.0	50
Acrolein (X10) 107-02-8 *pp*	12	Soil DP	8.600	10.00	27.200			50	8.600	50
Acrylonitrile (X10) 107-13-1 *pp*	1.7	Soil DP	3.600	10.00	5.460	20	10.70	50	3.600	50
Allyl Chloride (3-Chloro-1-propene) 107-05-1	506	Soil DP	0.980	1.00	1.130	2.00	1.81	5	0.980	5
Benzene 71-43-2 *pp,tclp*	13	Soil DP	0.230	0.50	0.795			5	0.230	5

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Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies
2nd Quarter MDLV/DCS (Apr - Jun2011), Jobs #560-25414-3 (VGCMS#3) and XXXXX (VGCMS#4)

GC/MS VOC - D.P. Soil Regular & Extended List **Method Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5mL Soil **Analyst: KRM/RT**

	Lowest PCL ug/Kg			2011Q2 DCS	2011Q2 DCS	Alter. DCS Spike	Alter.DCS Measur			
Benzyl Chloride 100-44-7	25	Soil DP	0.500	0.50	0.420			5	0.500	5
Bromobenzene 108-86-1	2890	Soil DP	0.740	1.00	1.380			5	0.740	5
Bromodichloromethane 75-27-4 *pp*	33	Soil DP	0.190	0.50	0.543			5	0.190	5
Bromoform (Tribromomethane) 75-25-2 *pp*	316	Soil DP	0.510	1.00	2.270			5	0.510	5
Bromomethane (Methylbromide) 74-83-9 *pp*	65	Soil DP	1.100	1.00	0.680	2.00	2.32	5	1.100	5
butadiene or 1,3-Butadiene 106-99-0	755	Soil DP	0.240	0.50	0.699			5	0.240	5
Carbon Disulfide 75-15-0	6790	Soil DP	1.000	1.00	0.946			5	1.000	5
Carbon Tetrachloride 56-23-5 *pp,tclp*	31	Soil DP	0.510	1.00	1.170			5	0.510	5
Chlorobenzene 108-90-7 *pp,tclp*	546	Soil DP	0.230	0.50	0.535			5	0.230	5
Chlorobromomethane 74-97-5	1520	Soil DP	0.900	1.00	0.890			5	0.900	5
Chlorodibromomethane 124-48-1 *pp*	25	Soil DP	0.640	1.00	0.885			5	0.640	5
Chloroethane (Ethyl Chloride) 75-00-3 *pp*	15500	Soil DP	0.260	0.50	0.458			5	0.260	5
Chloroform 67-66-3 *pp,tclp*	510	Soil DP	0.870	1.00	1.060			5	0.870	5
Chloromethane (Methylchloride) 74-87-3 *pp*	203	Soil DP	1.200	1.00	1.410	2.00	2.19	5	1.200	5
cis-1,2-Dichloroethene 156-59-2 *pp*	124	Soil DP	0.570	1.00	1.280			5	0.570	5
cis-1,3-Dichloropropene 10061-01-5 *pp*	20	Soil DP	0.141	0.50	0.440			5	0.141	5
cis-1,4-Dichloro-2-Butene 1476-11-5	164	Soil DP	0.320	1.00	1.140			5	0.320	5
Cyclohexane (X2) 110-82-7	2941000	Soil DP	0.990	1.00	1.990	2.00	2.87	10	0.990	10
Cyclohexanone (X5) 108-94-1	131000	Soil DP	3.000	5.00	4.330			25	3.000	25
Dibromomethane (Methylene bromide) 74-95-3	565	Soil DP	0.710	1.00	1.020			5	0.710	5
Dichlorodifluoromethane 75-71-8 *pp*	120000	Soil DP	0.730	1.00	1.230			5	0.730	5
Ethyl Acetate 141-78-6	23500	Soil DP	1.200	2.00	1.100			5	1.200	5
Ethyl Ether (Diethyl Ether) 60-29-7	5590	Soil DP	0.170	0.50	0.491			5	0.170	5
Ethyl Methacrylate 97-63-2	3750	Soil DP	0.510	1.00	2.690	2.00	3.21	5	0.510	5
Ethylbenzene 100-41-4 *pp*	3820	Soil DP	0.220	0.50	0.526			5	0.220	5
Ethylene Oxide	1	Soil DP	16.000	25.00	26.500			100	16.0	40
Hexachlorobutadiene 87-68-3	1645	Soil DP	0.640	1.00	0.810			5	0.640	5
Hexane 110-54-3		Soil DP	1.300	2.00	2.420			5	1.300	5
Iodomethane (Methyl Iodide) 74-88-4	57	Soil DP	0.800	1.00	0.901			5	0.800	5
Isobutyl alcohol (X20) 78-83-1	7850	Soil DP	68.0	100	96.5			100	68.0	100
Isooctane (2,2,4-trimethylpentane) 540-84-1		Soil DP	0.160	0.50	0.520			5	0.160	5
Isopropylbenzene (Cumene) 98-82-8	174000	Soil DP	0.140	0.50	0.474			5	0.140	5
m,p-Xylene (X2) 136777-61-2		Soil DP	0.360	1.00	1.090			10	0.360	10
Methacrylonitrile (Methylacrylonitrile) (X10) 126-9	2.5	Soil DP	2.400	5.00	3.690			50	2.400	50
Methyl Methacrylate 80-62-6	49100	Soil DP	1.100	2.00	3.690			5	1.100	5
Methyl tert butyl Ether (MTBE) 1634-04-4	19	Soil DP	0.610	1.00	0.851			5	0.610	5

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Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies
2nd Quarter MDLV/DCS (Apr - Jun2011), Jobs #560-25414-3 (VGCMS#3) and XXXXX (VGCMS#4)

GC/MS VOC - D.P. Soil Regular & Extended List **Method Matrix: Soil Direct Purge**

Instrument VGCMS#3 & VGCMS#4 Prep Factor =1 or 5g → 5ml Soil **Analyst: KRM/RT**

	Lowest PCL ug/Kg			2011Q2 DCS	2011Q2 DCS	Alter. DCS Spike	Alter.DCS Measur			
Methylene Chloride (Dichloromethane) 75-09-2 *pp*	6.5	Soil DP	5.000	5.0	4.85	10	8.80	5	5.000	25
Naphthalene 91-20-3	15600	Soil DP	1.200	2.00	1.340			5	1.200	5
n-Butylbenzene 104-51-8	60700	Soil DP	0.270	0.50	0.525			5	0.270	5
n-Heptane 142-82-5	358000	Soil DP	0.530	1.00	1.290			5	0.530	5
n-Propylbenzene 103-65-1	22400	Soil DP	0.210	0.50	0.568			5	0.210	5
o-Xylene 95-47-6	35355	Soil DP	0.220	0.50	0.539			5	0.220	5
Pentachloroethane 76-01-7	168	Soil DP	1.400	2.00	1.480			5	1.400	5
Propionitrile (Ethyl cyanide) (X10) 107-12-0	10	Soil DP	4.900	10.00	3.500			50	4.900	50
sec-Butylbenzene 135-98-8	42400	Soil DP	0.200	0.50	0.544			5	0.200	5
Styrene 100-42-5	1630	Soil DP	0.200	0.50	1.990			5	0.200	5
tert-Butylbenzene 98-06-6	50000	Soil DP	0.250	0.50	0.534			5	0.250	5
Tetrachloroethene 127-18-4 *pp,tclp*	25	Soil DP	0.740	1.00	1.070			5	0.740	5
Toluene 108-88-3 *pp*	4110	Soil DP	0.560	1.00	1.310			5	0.560	5
trans-1,2-Dichloroethene 156-60-5 *pp*	245	Soil DP	0.500	0.50	0.527			5	0.500	5
trans-1,3-Dichloropropene 10061-02-6 *pp*	18	Soil DP	0.520	1.00	1.010			5	0.520	5
trans-1,4-Dichloro-2-Butene 110-57-6	170	Soil DP	0.880	1.00	1.550			5	0.880	5
Trichloroethene 79-01-6 *pp,tclp*	17	Soil DP	0.280	0.50	0.519			5	0.280	5
Trichlorofluoromethane 75-69-4 *pp*	64000.0	Soil DP	0.500	1.00	1.300			5	0.500	5
Vinyl Acetate 108-05-4	26700	Soil DP	1.100	2.00	2.800			5	1.100	5
Vinyl Chloride (Chloroethene) 75-01-4 *pp,tclp*	11	Soil DP	0.600	1.00	0.922			5	0.600	5
Xylenes, Total 1330-20-7 *pp,tclp*	61300	Soil DP	0.360	1.50	1.630			15	0.360	15

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Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

2nd Quarter 2011 (Apr - Jun 2011), Job 560-25303-4 and 5

Method: 8270C

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Matrix: Soil

Instrument: SVGCMS#2 & #3

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

SVGCMS#3

Parameter	TRRP 30acre source Lowest PCL mg/Kg	Matrix	MDL ug/Kg	2011Q2 DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	2011Q2 DCS Spike Conc ug/Kg	2011Q2 DCS measured value ug/Kg	Alter. DCS Spike Conc ug/Kg	Alt. DCS measured value ug/Kg
1,1-Biphenyl (Diphenyl) (92-52-4)	127	Soil	16.7	04/25/11	16.70	50.10	50.0	34.70		
1,2,4,5-Tetrachlorobenzene (95-95-3)	0.242	Soil	38.4	04/26/11	38.40	115.20	50.0	36.50		
1,2,4-Trichlorobenzene (120-82-1)	2.4	Soil	45.7	04/26/11	45.70	137.10	50.0	35.50		
1,2-Dichlorobenzene (95-50-1)	8.94	Soil	52.1	04/25/11	52.10	156.30	50.0	30.50		
1,2-Diphenylhydrazine (as azobenzene 103-33-3)	0.016	Soil	16.7	04/25/11	16.70	50.10	50.0	28.90		
1,3-Dichlorobenzene (541-73-1)	3.37	Soil	43.8	04/25/11	43.80	131.40	50.0	30.50		
1,3-Dimethylnaphthalene (575-41-7)	395	Soil	16.7	04/25/11	16.70	50.10	50.0	30.90		
1,4-Dichlorobenzene (106-46-7)	1.05	Soil	45.8	04/25/11	45.80	137.40	50.0	30.00		
1-Methylnaphthalene (90-12-0)	80.1	Soil	31.8	04/25/11	31.80	95.40	50.0	31.50		
2,3,4,6-Tetrachlorophenol (58-90-2)	2.24	Soil	16.7	04/26/11	16.70	50.10	50.0	25.60		
2,4,5-Trichlorophenol (95-95-4)	16.9	Soil	16.7	04/26/11	16.70	50.10	50.0	28.40		
2,4,6-Trichlorophenol (88-06-2)	0.297	Soil	16.7	04/26/11	16.70	50.10	50.0	28.10		
2,4-Dichlorophenol (120-83-2)	0.176	Soil	22.8	04/26/11	22.80	68.40	50.0	32.50		
2,4-Dimethylphenol 576-26-1	1.62	Soil	20.4	04/26/11	20.40	61.20	50.0	39.30		
2,4-Dinitrophenol (51-28-5)	0.047	Soil	100.0	04/26/11	100.00	300.00	100.0	234.00		
2,4-Dinitrotoluene (121-14-2)	0.0027	Soil	21.1	04/25/11	21.11	63.33	50.0	20.00		
2,6-Dichlorophenol (87-65-0)	0.034	Soil	16.7	04/25/11	16.70	50.10	50.0	29.70		
2,6-Dinitrotoluene (606-20-2)	0.0024	Soil	50.0	04/25/11	50.00	150.00	50.0	21.00		
2-Chloronaphthalene (91-58-7)	335	Soil	16.7	04/25/11	16.70	50.10	50.0	31.90		
2-Chlorophenol (95-57-8)	0.816	Soil	27.8	04/26/11	27.80	83.40	50.0	35.80		
2-Methyl-4,6-dinitrophenol (534-52-1)	0.047	Soil	50.0	04/26/11	50.00	150.00	50.0	12.00	100.0	38.96
2-Methylnaphthalene (91-57-6)	8.53	Soil	31.1	04/26/11	31.10	93.30	50.0	33.50		
2-Methylphenol (o-cresol) (95-48-7)	3.56	Soil	32.96	04/26/11	32.96	98.88	50.0	33.70		
2-Nitroaniline (88-74-4)	0.011	Soil	22.2	04/25/11	22.20	66.60	50.0	24.80		
2-Nitrophenol (88-75-5)	0.067	Soil	17.0	04/26/11	17.00	51.00	50.0	26.30		
3,3-Dichlorobenzidine (91-94-1)	0.031	Soil	50.0	04/25/11	50.00	150.00	50.0	5.50	100.0	11.99
3,4 Methylphenol (m&p-cresol) (15831-10-4)	0.316	Soil	50.0	04/26/11	50.00	150.00	100.0	67.10		
3-Nitroaniline (99-09-2)	0.013	Soil	50.0	04/25/11	50.00	150.00	50.0	17.00	100.0	58.94
4-Bromophenyl phenyl ether (101-55-3)	0.177	Soil	16.7	04/25/11	16.70	50.10	50.0	29.10		
4-Chloro-3-methylphenol (59-50-7)	2.26	Soil	16.7	04/25/11	16.70	50.10	50.0	27.30		
4-Chloroaniline (106-47-8)	0.223	Soil	46.6	04/25/11	46.60	139.80	50.0	18.00	100.0	54.95
4-Chlorophenyl phenyl ether (7005-72-3)	0.016	Soil	16.7	04/26/11	16.70	50.10	50.0	42.30		
4-Nitroaniline (100-01-6)	0.028	Soil	28.1	04/25/11	28.09	84.27	50.0	17.00	100.0	53.95
4-Nitrophenol (100-02-7)	0.050	Soil	30.5	04/25/11	30.45	91.35	50.0	18.50	100.0	66.93
6-Methylchrysene (1705-85-7)	56.9	Soil	16.7	04/25/11	16.70	50.10	50.0	28.90		
7,12-Dimethylbenz(a)anthracene (57-97-6)	0.017	Soil	16.7	04/25/11	16.70	50.10	50.0	27.90		
Acenaphthene (83-32-9)	118	Soil	16.7	04/26/11	16.70	50.10	50.0	36.20		
Acenaphthylene (208-96-8)	204	Soil	16.7	04/26/11	16.70	50.10	50.0	32.80		
Acetophenone (98-86-2)	4.12	Soil	16.7	04/25/11	16.70	50.10	50.0	28.40		

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Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

2nd Quarter 2011 (Apr - Jun 2011), Job 560-25303-4 and 5

Method: 8270C

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Matrix: Soil

Instrument: SVGCMS#2 & #3

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

SVGCMS#3

Parameter	TRRP 30acre source Lowest PCL mg/Kg	Matrix	MDL ug/Kg	2011Q2 DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	2011Q2 DCS Spike Conc ug/Kg	2011Q2 DCS measured value ug/Kg	Alter. DCS Spike Conc ug/Kg	Alt. DCS measured value ug/Kg
Aniline (62-53-3)	0.183	Soil	47.00	04/25/11	47.00	141.00	50.0	13.50	100.0	42.96
Anthracene (120-12-7)	3445	Soil	16.7	04/25/11	16.70	50.10	50.0	30.70		
Benzidine (92-87-5)	0.0000055	Soil	333	04/25/11	333.00	999.00	333.0	9.99	667.0	33.30
Benzo(a)anthracene (56-55-3)		Soil	16.7	04/26/11	16.70	50.10	50.0	40.70		
Benzo(a)pyrene (50-32-8)	0.564	Soil	16.7	04/26/11	16.70	50.10	50.0	37.30		
Benzo(b)fluoranthene (205-99-2)	5.71	Soil	16.7	04/25/11	16.70	50.10	50.0	34.30		
Benzo(ghi)perylene (191-24-2)	1780	Soil	16.7	04/25/11	16.70	50.10	50.0	27.60		
Benzo(k)fluoranthene (207-08-9)	57.2	Soil	16.7	04/25/11	16.70	50.10	50.0	35.00		
Benzoic Acid (65-85-0)	94.6	Soil	50.0	04/25/11	50.00	150.00	50.0	229.00		
Benzyl alcohol (100-51-6)	8.79	Soil	24.5	04/26/11	24.50	73.50	50.0	31.10		
Bis(2-chloroethoxy)methane (111-91-1)	0.0059	Soil	16.7	04/26/11	16.70	50.10	50.0	33.00		
Bis(2-chloroethyl)ether (111-44-4)	0.0011	Soil	37.4	04/26/11	37.40	112.20	50.0	31.00		
Bis(2-chloroisopropyl)ether [2,2'-oxybis(1-chloropropane)]	0.095	Soil	41.0	04/25/11	41.00	123.00	50.0	35.50		
Bis(2-ethylhexyl)phthalate (117-81-7)	43.2	Soil	16.7	04/25/11	16.70	50.10	50.0	35.50		
Butyl benzyl phthalate (85-68-7)	1349	Soil	16.7	04/26/11	16.70	50.10	50.0	25.60		
Carbazole (86-74-8)	2.28	Soil	16.7	04/26/11	16.70	50.10	50.0	37.40		
Chrysene (218-01-9)	560	Soil	16.7	04/25/11	16.70	50.10	50.0	47.40		
Dibenz(a,h)acridine (226-36-8)	3.693	Soil	16.7	04/25/11	16.70	50.10	50.0	26.60		
Dibenz(a,h)anthracene (53-70-3)	0.549	Soil	16.7	04/25/11	16.70	50.10	50.0	26.60		
Dibenzofuran (132-64-9)	16.7	Soil	16.7	04/25/11	16.70	50.10	50.0	32.00		
Diethyl phthalate (84-66-2)	77.9	Soil	16.7	04/26/11	16.70	50.10	50.0	35.10		
Dimethyl phthalate (131-11-3)	31.1	Soil	16.7	04/25/11	16.70	50.10	50.0	32.50		
Di-n-butyl phthalate (84-74-2)	1659	Soil	16.7	04/25/11	16.70	50.10	50.0	27.00		
Di-n-octyl phthalate (117-84-0)	1289	Soil	18.7	04/26/11	18.70	56.10	50.0	18.70		
Fluoranthene (206-44-0)	959	Soil	16.7	04/25/11	16.70	50.10	50.0	30.50		
Fluorene (86-73-7)	149	Soil	16.7	04/25/11	16.70	50.10	50.0	32.60		
Hexachlorobenzene (118-74-1)	0.565	Soil	16.7	04/25/11	16.70	50.10	50.0	32.00		
Hexachlorobutadiene (87-68-3)	0.687	Soil	44.7	04/26/11	44.70	134.10	50.0	39.00		
Hexachlorocyclopentadiene (77-47-4)	7.16	Soil	100.0	04/26/11	100.00	300.00	100.0	151.00	167.0	177.00
Hexachloroethane (67-72-1)	0.918	Soil	50.1	04/26/11	50.10	150.30	50.0	31.00		
Hexachloropropene (1888-71-7)	5.22	Soil	47.3	04/25/11	47.34	142.02	50.0	26.00		
Indene (95-13-6)	3.57	Soil	44.2	04/26/11	44.20	132.60	50.0	34.00		
Indeno(1,2,3-cd)pyrene (193-39-5)	5.72	Soil	16.7	04/26/11	16.70	50.10	50.0	32.20		
Isophorone (78-59-1)	1.5	Soil	16.7	04/26/11	16.70	50.10	50.0	30.80		
Naphthalene (91-20-3)	15.6	Soil	41.7	04/25/11	41.70	125.10	50.0	34.50		
Nitrobenzene (98-95-3)	0.044	Soil	36.4	04/25/11	36.40	109.20	50.0	43.00		
n-Nitrosodiethylamine (55-18-5)	0.0000062	Soil	26.4	04/25/11	26.40	79.20	50.0	28.90		
n-Nitrosodimethylamine (62-75-9)	0.000018	Soil	30.23	04/26/11	30.23	90.69	50.0	36.00	100.0	94.90
n-Nitrosodi-n-butylamine (924-16-3)	0.00094	Soil	19.8	04/25/11	19.80	59.40	50.0	28.60		
n-Nitrosodi-n-propylamine (621-64-7)	0.00018	Soil	16.7	04/26/11	16.70	50.10	50.0	32.10		
n-Nitrosodiphenylamine (86-30-6)	1.412	Soil	16.7	04/26/11	16.70	50.10	50.0	34.40		

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THE LEADER IN ENVIRONMENTAL TESTING

Corpus Christi

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 8270C GC/MS Semivolatile Organics - Soil Matrix

2nd Quarter 2011 (Apr - Jun 2011), Job 560-25303-4 and 5

Method: 8270C

Extraction: 30g to 1ml ; Prep factor = 33.3ug/Kg (0.03Kg to FV = 1ml)

Matrix: Soil

Instrument: SVGCMS#2 & #3

Analyst: GEF/BEC

Raw data in ug/ml X (1ml/0.03Kg) = DCS measured value in ug/Kg Soil

SVGCMS#3

Parameter	TRRP 30acre source Lowest PCL mg/Kg	Matrix	MDL ug/Kg	2011Q2 DCS Run Date	Spike Range ug/Kg Min	Spike Range ug/Kg Max	2011Q2 DCS Spike Conc ug/Kg	2011Q2 DCS measured value ug/Kg	Alter. DCS Spike Conc ug/Kg	Alt. DCS measured value ug/Kg
Pentachlorobenzene (608-93-5)	12.4	Soil	16.7	04/26/11	16.70	50.10	50.0	34.60		
Pentachloroethane (76-01-7)	0.168	Soil	51.0	04/25/11	51.00	153.00	50.0	30.00		
Pentachlorophenol (87-86-5)	0.0092	Soil	100.0	04/26/11	100.00	300.00	100.0	217.00	167.0	263.00
Phenanthrene (85-01-8)	208	Soil	16.7	04/26/11	16.70	50.10	50.0	39.30		
Phenol (108-95-2)	9.57	Soil	16.7	04/25/11	16.70	50.10	50.0	50.90		
Pyrene (129-00-0)	558	Soil	16.7	04/25/11	16.70	50.10	50.0	33.50		
Pyridine (110-86-1)	0.035	Soil	33.40	04/26/11	33.40	100.20	50.0	24.50		
Quinoline (91-22-5)	0.0038	Soil	16.7	04/26/11	16.70	50.10	50.0	35.30		

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Corpus Christi

6010 Soil Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

Method 6010 **Soil Digestion: 1g to 50ml**

Matrix: Soil **2nd quarter 2010 DCS (Apr - Jun 2011), Job 560-25404-1**

Analyte	Analyte	Current MDL	2Q2011 DCS Run Date	Soil Spiked Range mg/Kg Min	Soil Spiked Range mg/Kg Max	2Q 2011 DCS Spike mg/Kg	2Q 2011 DCS measured value mg/Kg	Soil MDL mg/Kg	RL in soil unit mg/Kg	Analyte
Ag	Silver	0.110	04/25/11	0.1100	0.3300	0.250	0.266	0.110	0.50	Ag
Al	Aluminum	3.070	04/25/11	3.0700	9.2100	5.000	4.560	3.070	5.00	Al
As	Arsenic	0.145	04/25/11	0.1450	0.4350	0.250	0.293	0.145	2.00	As
B	Boron	0.414	04/25/11	0.4140	1.2420	0.500	0.450	0.414	10.00	B
Ba	Barium	0.189	04/25/11	0.1890	0.5670	0.250	0.216	0.189	1.00	Ba
Be	Berrylium	0.027	04/25/11	0.0270	0.0810	0.050	0.040	0.027	0.50	Be
Bi	Bismuth	0.267	04/25/11	0.2670	0.8010	0.500	NA	0.267	1.00	Bi
Ca	Calcium	14.500	04/25/11	14.5000	43.5000	20.000	21.600	14.500	50.0	Ca
Cd	Cadmium	0.036	04/25/11	0.0360	0.1080	0.050	0.042	0.036	0.50	Cd
Co	Cobalt	0.028	04/25/11	0.0280	0.0840	0.050	0.061	0.028	1.00	Co
Cr	Chromium	0.134	04/25/11	0.1340	0.4020	0.250	0.273	0.134	1.00	Cr
Cu	Copper	0.201	04/25/11	0.2010	0.6030	0.250	0.360	0.201	2.00	Cu
Fe	Iron	11.800	04/25/11	11.8000	35.4000	2.500	2.240	11.800	20.0	Fe
K	Potassium	15.200	04/25/11	15.2000	45.6000	25.000	27.800	15.200	100.00	K
Li	Lithium	0.280	04/25/11	0.2800	0.8400	0.500	0.490	0.280	0.50	Li
Mg	Magnesium	1.580	04/25/11	1.5800	4.7400	2.000	1.500	1.580	20.0	Mg
Mn	Manganese	0.465	04/25/11	0.4650	1.3950	0.500	0.528	0.465	2.50	Mn
Mo	Molybdenum	0.125	04/25/11	0.1250	0.3750	0.250	0.268	0.125	2.00	Mo
Na	Sodium	15.100	05/09/11	15.1000	45.3000	20.000	38.900	15.100	100.00	Na
Ni	Nickel	0.124	04/25/11	0.1240	0.3720	0.250	0.322	0.124	2.00	Ni
P	Phosphorus	1.660	05/09/11	1.6600	4.9800	2.000	2.390	1.660	50.00	P
Pb	Lead	0.152	04/25/11	0.1520	0.4560	0.250	0.230	0.152	0.50	Pb
Sb	Antimony	0.267	04/25/11	0.2670	0.8010	0.500	0.441	0.267	2.00	Sb
Se	Selenium	0.198	04/25/11	0.1980	0.5940	0.500	0.440	0.198	1.00	Se
Si	Silicon	6.32	05/09/11	6.3200	18.9600	10.000	6.400	6.320	20.00	Si
SiO2	Silica, SiO2	13.5	04/25/11	13.5000	40.5000			13.500	42.86	SiO2
Sn	Tin	1.840	05/09/11	1.8400	5.5200	2.000	7.150	1.840	10.00	Sn
Sr	Strontium	0.078	04/25/11	0.0780	0.2340	0.100	0.108	0.078	1.00	Sr
Ti	Titanium	0.125	04/25/11	0.1250	0.3750	0.250	0.270	0.125	1.00	Ti
Tl	Thallium	0.119	04/25/11	0.1190	0.3570	0.250	0.236	0.119	1.00	Tl
U	Uranium		04/25/11	0.0000	0.0000					U
V	Vanadium	0.050	04/25/11	0.0500	0.1500	0.100	0.127	0.050	1.00	V
Zn	Zinc	0.570	05/09/11	0.5700	1.7100	1.000	2.780	0.570	2.50	Zn

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Corpus Christi

MDL-DCS Studies

2nd quarter 2011 DCS (April June 2011), Job 560-25406-1

CVAA Metals

Matrix: Water

Method: 7471 Mercury - Soil

Analyst: JM

Mercury soil prep factor = 83.3 (0.6g soil to 50 ml FV)

Parameter	*Matrix*	*Method*	*Inst. ID*	*Calc MDL w'PrepFactor mg/Kg*	*DCS Run Date*	*2QDCS2011 Spike Conc mg/Kg Soil*	*2Q2011 DCS Measured mg/Kg*	*%REC*	*Alter. DCS Conc mg/L Water or mg/Kg Soil*	*Actual Alter. DCS Results*	*MDL Used mg/Kg Soil*	*Low Cal std ug/L*	*MDL Used in LIMS mg/Kg Soil*	*RL mg/Kg Soil*
Mercury (CVAA)	Soil	7471A	CVAA	0.018	04/25/11	0.042	0.04180	100.2%				0.5 ppb	**0.018**	**0.2**

Method Detection Limit (MDL) & Detectability Check Standard (DCS) Studies

DCS 2Q2011 (Apr - Jun 2011); Job#25413-1 (Soil)

Wet Chemistry Tests; Matrix: Soil

Parameter	Matrix	Method	MDL mg/Kg	2011Q2 DCS Date Analyzed	DCS Spiked Range ug/kg Min	DCS Spiked Range ug/kg Max	2011Q2 DCS Spike Conc. Ug/Kg	2Q2011 DCS Measured Value mg/Kg	Alt. DCS Spike Conc (mg/L)	Alt.DCS Measured Value mg/L	MDL Used in TALS mg/Kg	RL Used in TALS mg/Kg
Bromide by IC	Soil	9056	0.616	05/02/11	0.616	1.848	2.000	8.01			**0.616**	**10.00**
Chloride by IC	Soil	9056	1.050	05/02/11	1.050	3.150	**2.00**	8.04			**1.05**	**10.00**
Fluoride by IC	Soil	9056	0.374	05/02/11	0.374	1.122	**1.000**	2.60			**0.374**	**5.00**
Nitrate by IC	Soil	9056	0.556	05/02/11	0.556	1.668	**1.00**	4.79			**0.556**	**5.00**
Nitrate-Nitrite as N by IC	Soil	9056	2.000	05/02/11	2.000	6.000	3.00	7.450			**2.000**	**5.00**
Nitrite by IC	Soil	9056	2.000	05/02/11	2.000	6.000	**2.00**	2.66			**2.000**	**5.00**
o-Phosphate as P by IC	Soil	9056	0.773	05/02/11	0.773	2.319	**2.00**	3.09			**0.773**	**5.00**
Sulfate by IC	Soil	9056	8.650	05/02/11	8.650	25.950	**10.00**	19.40			**8.65**	**10.00**

Note: DCS Spike Concentration must be within 2-3 times the MDL value.

Detection Check Standard

Matrix: Soil
Method: 351.2
Preparation: N/A
Date Analyzed: 06/21/2011
Date Prepared: 06/21/2011
TALs Batches: 57151
Units: mg/Kg

Analyte	MDL	DCS Spike	Measured Result	MQL
Total Kjeldahl Nitrogen (soil)	35.16329	100	75.34176	40

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica
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Client Information	Sampler: C. MANSURI	Lab PM: Padilla, Erica	Carrier Tracking No(s): N/A - Hand Deliver	COC No: 560-4035-439.1
Client Contact: Mr. Chris Mansuri (Invoice to Central Billing)	Phone: (512) 923-9590	E-Mail: erica.padilla@testamericainc.com		Page: Page 1 of 1
Company: TRC Environmental Corporation				Job #: Loc: 560 27063
Address: 505 East Huntland Dr Suite 250	Due Date Requested: Routine			
City: Austin	TAT Requested (days): 10-Business day			
State, Zip: TX, 78752				
Phone: 512-923-9590(Tel)	PO #: 34989			
Email: cmansuri@trcsolutions.com, shalasz@trcsolutions.com	WO #:			
Project Name: Falcoln Refinery, Ingleside	Project #: 56003247			
Site: Falcon Refinery Irrigation Field.	SSOW#: N/A			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	20B_SAR, 2510B, 6010B, 7471A, 8270C, 9045D, 9056	8260B - VOC	351.2_NP, Nitrogen,Total	6010B RCRA 8 metals								Total Number of containers	Special Instructions/Note:
			Preservation Code:				1	1	1										
COMP-A-0-6	7/14/2011	1000	C	S			X	X	X	X								4	"20B_SAR" Includes
COMP-B-6-18	↓	1030	C	S			X	X	X	X								4	Na, Ca, Mg,
COMP-C-18-30	↓	1100	C	S			X	X	X	X								4	K, P, Ca, Mg, S, Na can
~~TB~~	7/13/2011	1105	G	W				X										1	be obtained from a
																			Mehlich III soil extract.
																			Nutrient parameters
																			analyzed on a Plant-
																			available basis.
																			All soil results (mg/kg)
																			in dry weight basis.

Deleted on COC per Chris Mansuri EPadilla 7/19/11

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

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

Deliverable Requested: I, II, III, IV, Other (specify) **TRRP-13 Reporting with Checklist**

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: CHRIS MANSURI (TRC)	Date/Time: 7/14/2011, 3:10 PM	Company: TRC	Received by:	Date/Time: 7/14/11 1510	Company: TACC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.3		

07/28/2011

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27063-1
SDG Number:

Login Number: 27063
List Number: 1
Creator: McDermott, Vivian

List Source: TestAmerica Corpus Christi

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27063-1
SDG Number:

Login Number: 27063
List Number: 1
Creator: Roberts, Kenneth

List Source: TestAmerica Houston
List Creation: 07/16/11 09:31 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

Job Number: 560-27063-2

SDG Number:

Job Description: Falcon Refinery, Ingleside

For:
TRC Environmental Corporation
505 East Huntland Dr
Suite 250
Austin, TX 78752

Attention: Mr. Chris Mansuri

Approved for release.
Erica Padilla
Project Manager I
8/2/2011 11:48 AM

Erica Padilla
Project Manager I
erica.padilla@testamericainc.com
08/02/2011

cc: Mr. Stephen Halasz

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330.

Job Narrative
560-27063-2

Comments
This report contains Mehlich 3 Extractable Nutrient analysis only. All other parameters requested on the client Chain-of-Custody (COC) were previously reported in a separate report and are not missing. Please be aware that Mehlich 3 Extractable nutrients are not applicable to TRRP-13 Reporting. Therefore, a TRRP-13 checklist has not been included.

No additional comments.

Receipt
No analytical or quality issues were noted.

Subcontract Work
Method Mehlich 3 Plant Nutrients Analysis: This method was subcontracted to Energy Laboratories, Inc. Any subcontract lab certifications are different from those listed for TestAmerica in this final report.

Original

Subcontract Laboratory

Report

ANALYTICAL SUMMARY REPORT

August 01, 2011

Test America
1733 N Padre Island Dr
Corpus Christi, TX 78408-2329

Workorder No.: T11070067

Project Name: 560-27063

Energy Laboratories Inc. College Station TX received the following 3 samples for Test America on 7/19/2011 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
T11070067-001	560-27063-1	07/14/11 10:00	07/19/11	Soil	Metals, Mehlich 3 Extraction Mehlich 3 Soil Extraction Phosphorus, Mehlich 3 Soil Preparation to 10 mesh Soil Sterilization - USDA Required
T11070067-002	560-27063-2	07/14/11 10:30	07/19/11	Soil	Same As Above
T11070067-003	560-27063-3	07/14/11 11:00	07/19/11	Soil	Same As Above

This report was prepared by Energy Laboratories, Inc., 415 Graham Rd., College Station, TX 77845-9660.

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: Julie C Rhubottom
Laboratory Operations Supervisor

Digitally signed by
Julie Rhubottom
Date: 2011.08.01 16:11:54 -05:00

LABORATORY ANALYTICAL REPORT

Prepared by College Station, TX Branch

Client: Test America
Project: 560-27063
Lab ID: T11070067-001
Client Sample ID 560-27063-1

Report Date: 08/01/11
Collection Date: 07/14/11 10:00
DateReceived: 07/19/11
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MEHLICH3 EXTRACTABLE							
Calcium	15800	mg/kg	D	20		SW6010B	07/22/11 13:26 / blc
Magnesium	491	mg/kg		5		SW6010B	07/28/11 13:12 / sas
Phosphorus, Mehlich 3	5	mg/kg		1		SSSA-PT3	07/21/11 11:31 / rcg
Potassium	155	mg/kg		5		SW6010B	07/28/11 13:12 / sas
Sodium	1180	mg/kg		5		SW6010B	07/28/11 13:12 / sas
Sulfur	88	mg/kg		5		SW6010B	07/28/11 14:54 / blc

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by College Station, TX Branch

Client: Test America
Project: 560-27063
Lab ID: T11070067-002
Client Sample ID 560-27063-2

Report Date: 08/01/11
Collection Date: 07/14/11 10:30
DateReceived: 07/19/11
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MEHLICH3 EXTRACTABLE							
Calcium	3130	mg/kg	D	20		SW6010B	07/22/11 13:29 / blc
Magnesium	310	mg/kg		5		SW6010B	07/28/11 13:15 / sas
Phosphorus, Mehlich 3	7	mg/kg		1		SSSA-PT3	07/21/11 11:33 / rcg
Potassium	74	mg/kg		5		SW6010B	07/28/11 13:15 / sas
Sodium	557	mg/kg		5		SW6010B	07/28/11 13:15 / sas
Sulfur	43	mg/kg		5		SW6010B	07/28/11 15:00 / blc

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by College Station, TX Branch

Client: Test America
Project: 560-27063
Lab ID: T11070067-003
Client Sample ID 560-27063-3

Report Date: 08/01/11
Collection Date: 07/14/11 11:00
DateReceived: 07/19/11
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MEHLICH3 EXTRACTABLE							
Calcium	17900	mg/kg	D	20		SW6010B	07/22/11 13:39 / blc
Magnesium	834	mg/kg		5		SW6010B	07/28/11 13:17 / sas
Phosphorus, Mehlich 3	7	mg/kg		1		SSSA-PT3	07/21/11 11:34 / rcg
Potassium	90	mg/kg		5		SW6010B	07/28/11 13:17 / sas
Sodium	730	mg/kg		5		SW6010B	07/28/11 13:17 / sas
Sulfur	66	mg/kg		5		SW6010B	07/28/11 15:02 / blc

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by College Station, TX Branch

Client: Test America **Report Date:** 08/01/11
Project: 560-27063 **Work Order:** T11070067

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Analytical Run: ICP102-CS_110722A	
Sample ID: Initial Calib Verif		Initial Calibration Verification Standard							07/22/11 13:11	
Calcium		49.7	mg/L	1.0	99	95	105			
Sample ID: Cont Calib Blank		Continuing Calibration Blank							07/22/11 13:13	
Calcium		0.0105	mg/L	1.0						
Method: E200.7									Analytical Run: ICP102-CS_110728A	
Sample ID: Initial Calib Verif	3	Initial Calibration Verification Standard							07/28/11 13:00	
Magnesium		49.8	mg/L	1.0	100	95	105			
Potassium		50.8	mg/L	1.0	102	95	105			
Sodium		50.4	mg/L	1.0	101	95	105			
Sample ID: Cont Calib Blank	3	Continuing Calibration Blank							07/28/11 13:01	
Magnesium		0.0211	mg/L	1.0						
Potassium		0.0170	mg/L	1.0						
Sodium		0.144	mg/L	1.0						
Method: E200.7									Analytical Run: ICP102-CS_110728B	
Sample ID: Initial Calib Verif		Initial Calibration Verification Standard							07/28/11 14:41	
Sulfur		48.9	mg/L	1.0	98	95	105			
Sample ID: Initial Calib Blank		Initial Calibration Blank, Instrument Blank							07/28/11 14:43	
Sulfur		0.0216	mg/L	1.0		0	0			

Qualifiers:

RL - Analyte reporting limit. ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by College Station, TX Branch

Client: Test America
Project: 560-27063

Report Date: 08/01/11
Work Order: T11070067

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SSSA-PT3									Analytical Run: FIA1_110721A	
Sample ID: ICV-110721A		Initial Calibration Verification Standard							07/21/11 11:24	
Phosphorus, Mehlich 3		1.36	mg/kg	1.0	91	90	110			
Sample ID: ICB-110721A		Initial Calibration Blank, Instrument Blank							07/21/11 11:25	
Phosphorus, Mehlich 3		0.0270	mg/kg	1.0		0	0			
Method: SSSA-PT3										Batch: 14449
Sample ID: LCS-14449		Laboratory Control Sample				Run: FIA1_110721A			07/21/11 11:28	
Phosphorus, Mehlich 3		8.94	mg/kg	1.0	95	80	120			
Sample ID: MB-14449		Method Blank				Run: FIA1_110721A			07/21/11 11:29	
Phosphorus, Mehlich 3		0.3	mg/kg	0.05						
Sample ID: T11070067-001ADUP		Sample Duplicate				Run: FIA1_110721A			07/21/11 11:32	
Phosphorus, Mehlich 3		4.97	mg/kg	1.0				0.6	20	
Sample ID: T11070067-002AMS		Sample Matrix Spike				Run: FIA1_110721A			07/21/11 11:34	
Phosphorus, Mehlich 3		16.8	mg/kg	1.0	102	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by College Station, TX Branch

Client: Test America **Report Date:** 08/01/11
Project: 560-27063 **Work Order:** T11070067

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B									Batch: 14449	
Sample ID: LCS-14449		Laboratory Control Sample				Run: ICP102-CS_110722A			07/22/11 13:23	
Calcium		2500	mg/kg	5.0	96	80	120			
Sample ID: MB-14449		Method Blank				Run: ICP102-CS_110722A			07/22/11 13:24	
Calcium		3	mg/kg	0.02						
Sample ID: T11070067-001ADUP		Sample Duplicate				Run: ICP102-CS_110722A			07/22/11 13:27	
Calcium		15600	mg/kg	20				1.4	20	
Sample ID: T11070067-002AMS		Sample Matrix Spike				Run: ICP102-CS_110722A			07/22/11 13:38	
Calcium		13000	mg/kg	20	99	70	130			
Method: SW6010B									Batch: 14449	
Sample ID: LCS-14449	3	Laboratory Control Sample				Run: ICP102-CS_110728A			07/28/11 13:09	
Magnesium		291	mg/kg	5.0	114	80	120			
Potassium		195	mg/kg	5.0	106	80	120			
Sodium		246	mg/kg	5.0	125	80	120			S
Sample ID: MB-14449	3	Method Blank				Run: ICP102-CS_110728A			07/28/11 13:10	
Magnesium		0.4	mg/kg	0.007						
Potassium		ND	mg/kg	0.002						
Sodium		20	mg/kg	0.1						
Sample ID: T11070067-001ADUP	3	Sample Duplicate				Run: ICP102-CS_110728A			07/28/11 13:13	
Magnesium		518	mg/kg	5.0				5.4	20	
Potassium		161	mg/kg	5.0				4.2	20	
Sodium		1240	mg/kg	5.0				4.8	20	
Sample ID: T11070067-003AMS	3	Sample Matrix Spike				Run: ICP102-CS_110728A			07/28/11 13:21	
Magnesium		2860	mg/kg	5.0	101	70	130			
Potassium		2400	mg/kg	5.0	115	70	130			
Sodium		2880	mg/kg	5.0	108	70	130			
Method: SW6010B									Batch: 14449	
Sample ID: MB-14449		Method Blank				Run: ICP102-CS_110728B			07/28/11 14:52	
Sulfur		0.8	mg/kg	0.04						
Sample ID: T11070067-001AMS		Sample Matrix Spike				Run: ICP102-CS_110728B			07/28/11 14:56	
Sulfur		1010	mg/kg	5.0	92	70	130			
Sample ID: T11070067-001ADUP		Sample Duplicate				Run: ICP102-CS_110728B			07/28/11 14:58	
Sulfur		94.3	mg/kg	5.0				6.7	20	

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

Workorder Receipt Checklist

T11070067

Test America

Login completed by: Melissa D. Crooks
Date Received: 7/19/2011
Reviewed by: BL2000\treed
Received by: mdc
Reviewed Date: 7/20/2011
Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	2.0°C On Ice		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Contact and Corrective Action Comments:

Soil Samples. Receipt temperature checked with IR1; read temp = 2.4 C, corrected temp = 2.0 C. Sample ID's on containers do not match COC (Sample label example = 560-27063-D-1, COC example =560-27063-1). Logged sample ID's per COC. MDC 110719 1551

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain-of-Custody Record

1733 North Padre Island Drive
Corpus Christi, TX 78408
(361) 289-2673 FAX (361) 289-2471

Customer Information		Project Information		Analyses / Method Requested
P.O.		Project Name	560-27063	A. K, P, Na, Mg, S, Ca (Mehlich III extraction)
W.O.		Lab Number		B.
Company	Test America, Inc	Bill To	Same	C.
Send Report To:	Erica Padilla	Invoice Attn		D.
Address:	1733 N P I D	Address:		
City/State/Zip	Corpus Christ, TX 78408	City/State/Zip		
Phone	361-289-2673	Phone		
Fax	361-289-2471	Fax		

Sx No.	Sample Description	Sample Date	Sample Time	Sample Matrix	Container Type	Preservative	No. of Bottles	A	B	C	D	E	F	G	H	I	J	K	L	Comments
1	560-27063-1	7/14/2011	10:00	Soil	2ozwm	N/A	1	X												T110700107-001
2	560-27063-2	7/14/2011	10:30	Soil	2ozwm	N/A	1	X												-002
3	560-27063-3	7/14/2011	11:00	Soil	2ozwm	N/A	1	X												-003
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Sampler Name:	Shipment Method:	Airbill No.:	Required Turnaround: Standard

Relinquished by: Alice J. Magee	Date 071811	Relinquished by:	Date	Relinquished by:	Date
Company Name: TACL	Time 1430	Company Name:	Time	Company Name:	Time
Received by: Melissa Crooks	Date 7/19/11	Received by:	Date	Received by:	Date
Company Name: Energy Laboratories	Time 1321	Company Name:	Time	Company Name:	Time

Fedex NDA, Custody Seal on cooler

End of

Subcontract Laboratory

Report(s)

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: C. MANSURI	Lab PM: Padilla, Erica	Carrier Tracking No(s): N/A - Hand Deliver	COC No: 560-4035-439.1
Client Contact: Mr. Chris Mansuri (Invoice to Central Billing)	Phone: (512) 923-9590	E-Mail: erica.padilla@testamericainc.com		Page: Page 1 of 1
Company: TRC Environmental Corporation				Job #: Loc: 560 27063
Address: 505 East Huntland Dr Suite 250	Due Date Requested: Routine			
City: Austin	TAT Requested (days): 10-Business day			
State, Zip: TX, 78752				
Phone: 512-923-9590(Tel)	PO #: 34989			
Email: cmansuri@trcsolutions.com, shalasz@trcsolutions.com	WO #:			
Project Name: Falcoln Refinery, Ingleside	Project #: 56003247			
Site: Falcon Refinery Irrigation Field.	SSOW#: N/A			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	20B_SAR, 2510B, 6010B, 7471A, 8270C, 9045D, 9056	8260B - VOC	351.2_NP, Nitrogen,Total	6010B RCRA 8 metals								Total Number of containers	Special Instructions/Note:
			Preservation Code:				1	1	1										
COMP-A-0-6	7/14/2011	1000	C	S			X	X	X	X								4	"20B_SAR" Includes
COMP-B-6-18	↓	1030	C	S			X	X	X	X								4	Na, Ca, Mg,
COMP-C-18-30	↓	1100	C	S			X	X	X	X								4	K, P, Ca, Mg, S, Na can
~~TB~~	7/13/2011	1105	G	W				X										1	be obtained from a
																			Mehlich III soil extract.
																			Nutrient parameters
																			analyzed on a Plant-
																			available basis.
																			All soil results (mg/kg)
																			in dry weight basis.

Deleted on COC per Chris Mansuri EPadilla 7/19/11

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

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

Deliverable Requested: I, II, III, IV, Other (specify) **TRRP-13 Reporting with Checklist**

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: CHRIS MANSURI (TRC)	Date/Time: 7/14/2011, 3:10 PM	Company: TRC	Received by:	Date/Time: 7/14/11 1510	Company: TACC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.3		

08/02/2011

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27063-2
SDG Number:

Login Number: 27063
List Number: 1
Creator: McDermott, Vivian

List Source: TestAmerica Corpus Christi

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-27236-1
Client Project/Site: Falcon Tank 26

For:
TRC Environmental Corporation
4220 Herschel Ave
Unit 805
Dallas, Texas 75219

Attn: Mr. Chris Mansuri

Erica H Padilla

Authorized for release by:
08/02/2011 05:01:18 PM

Erica Padilla
Project Manager I
erica.padilla@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Qualifiers

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
HF	Field parameter with a holding time of 15 minutes
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 560-27236-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-27236-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

General Chemistry
Method SM 4500 Cl F: Residual chlorine analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 560-27236-1. Data generated after holding time expires should be considered estimated and used at the client's discretion.

Method 9040C: Sample pH analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 560-27236-1. Data generated after holding time expires should be considered estimated and used at the client's discretion. Additionally, the sample pH was outside the upper calibration standard (pH 12). Therefore, the sample pH has been reported as >12.0.

Method SM 9222D: The following sample and duplicate were diluted due to the odor and oily nature of the sample: 560-27236-1, -1DU. Three dilutions were performed on the sample and duplicate with no colony growth on any of the plates. Therefore, the reporting limit (RL) was calculated using the lowest sample dilution performed for each and data are reported as 'less than' (<).

Method SM 5310B: The method blank and CCB contained TOC above the method detection limit (MDL). However, the concentrations detected were both less than the reporting limit (RL) and the concentration of TOC in sample 560-27236-1 was greater than 10 times the concentration of TOC detected in the MB and CCB. Therefore, re-extraction and/or re-analysis of samples was not performed and data are reported.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-1

Client Sample ID: Tank 26

Lab Sample ID: 560-27236-1

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Ca	7.8				mg/L	1		20B	Soluble
Mg	1.0				mg/L	1		20B	Soluble
Na	4200				mg/L	1		20B	Soluble
Sodium Adsorption Ratio	370				NONE	1		20B	Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
HEM (Oil & Grease)	50		20	3.1	mg/L	4		1664A	Total/NA
Ammonia as N	7.8		0.20	0.045	mg/L	1		350.1	Total/NA
Nitrogen, Kjeldahl	16		1.0	0.38	mg/L	1		351.2	Total/NA
Chemical Oxygen Demand	1300		400	31	mg/L	10		8000	Total/NA
Chloride	3300		250	48	mg/L	250		9056	Total/NA
Sulfate	49		25	9.4	mg/L	25		9056	Total/NA
Fluoride	1.0		0.20	0.040	mg/L	2		SM 4500 F C	Total/NA
Phosphorus as P	2.3		0.25	0.065	mg/Kg	5		SM 4500 P E	Total/NA
Total Organic Carbon	500	B	50	14	mg/L	50		SM 5310B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Nitrogen	8.2		1.0	1.0	mg/L	1		351.2	Total/NA
pH	>12.0	HF	0.10	0.10	SU	1		9040C	Total/NA
Specific Conductance	19000		1.0	1.0	umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	11000		10	10	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	69		3.0	3.0	mg/L	1		SM 2540D	Total/NA
Carbonaceous Biochemical Oxygen Demand	250		20	20	mg/L	10		SM 5210B	Total/NA
Biochemical Oxygen Demand	250		20	20	mg/L	10		SM 5210B	Total/NA

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-1

Client Sample ID: Tank 26

Date Collected: 07/26/11 11:45
Date Received: 07/26/11 13:56

Lab Sample ID: 560-27236-1

Matrix: Water

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Ca	7.8				mg/L		07/28/11 08:00	08/02/11 14:43	1
Mg	1.0				mg/L		07/28/11 08:00	08/02/11 14:43	1
Na	4200				mg/L		07/28/11 08:00	08/02/11 14:43	1
Sodium Adsorption Ratio	370				NONE		07/28/11 08:00	08/02/11 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	50		20	3.1	mg/L			08/02/11 09:00	4
Ammonia as N	7.8		0.20	0.045	mg/L		08/01/11 10:00	08/01/11 12:26	1
Nitrogen, Kjeldahl	16		1.0	0.38	mg/L			07/28/11 17:07	1
Chemical Oxygen Demand	1300		400	31	mg/L		07/28/11 09:15	07/28/11 09:15	10
Chloride	3300		250	48	mg/L			07/27/11 02:42	250
Nitrate as N	<2.6		13	2.6	mg/L			07/27/11 02:20	25
Sulfate	49		25	9.4	mg/L			07/27/11 02:20	25
Chlorine, Total Residual	<0.077	HF	0.20	0.077	mg/L			07/26/11 14:50	1
Fluoride	1.0		0.20	0.040	mg/L			07/29/11 08:45	2
Phosphorus as P	2.3		0.25	0.065	mg/Kg		08/01/11 06:08	08/01/11 06:23	5
Total Organic Carbon	500	B	50	14	mg/L			07/27/11 14:50	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Nitrogen	8.2		1.0	1.0	mg/L			08/02/11 15:09	1
pH	>12.0	HF	0.10	0.10	SU			07/26/11 14:55	1
Specific Conductance	19000		1.0	1.0	umhos/cm			07/29/11 10:00	1
Total Dissolved Solids	11000		10	10	mg/L			07/28/11 12:55	1
Total Suspended Solids	69		3.0	3.0	mg/L			07/27/11 15:45	1
Carbonaceous Biochemical Oxygen Demand	250		20	20	mg/L			07/27/11 10:00	10
Biochemical Oxygen Demand	250		20	20	mg/L			07/27/11 14:00	10

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	<40		40	40	CFU/100mL			07/26/11 15:45	10

Method: 20B - Sodium Adsorption Ratio

Lab Sample ID: MB 560-62317/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Soluble**
Analysis Batch: 62516 — **Prep Batch: 62317**

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Ca	0.000				mg/L		07/28/11 08:00	08/02/11 14:43	1
Mg	0.000				mg/L		07/28/11 08:00	08/02/11 14:43	1
Na	0.000				mg/L		07/28/11 08:00	08/02/11 14:43	1
Sodium Adsorption Ratio	0.000				NONE		07/28/11 08:00	08/02/11 14:43	1

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 560-62524/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	<0.78		5.0	0.78	mg/L			08/02/11 09:00	1

Lab Sample ID: LCS 560-62524/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil & Grease)	40.0	32.9		mg/L		82	78 - 114

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 560-62465/3-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62464 — **Prep Batch: 62465**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.045		0.20	0.045	mg/L		08/01/11 10:00	08/01/11 12:06	1

Lab Sample ID: LCS 560-62465/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62464 — **Prep Batch: 62465**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ammonia as N	5.00	5.42		mg/L		108	90 - 110

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 600-59428/10 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 59428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.38		1.0	0.38	mg/L			07/28/11 17:01	1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 600-59428/11 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 59428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrogen, Kjeldahl	10.0	9.86		mg/L		99	90 - 110

Method: 8000 - COD

Lab Sample ID: MB 560-62316/4-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62318 — **Prep Batch: 62316**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<3.1		40	3.1	mg/L		07/28/11 09:15	07/28/11 09:15	1

Lab Sample ID: LCS 560-62316/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62318 — **Prep Batch: 62316**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chemical Oxygen Demand	60.0	54.8		mg/L		91	80 - 120

Method: 9040C - pH

Lab Sample ID: LCS 560-62235/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62235

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
pH	4.99	5.05		SU		101	98 - 102

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 560-62249/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.19		1.0	0.19	mg/L			07/26/11 17:10	1
Nitrate as N	<0.10		0.50	0.10	mg/L			07/26/11 17:10	1
Nitrate Nitrite as N	<0.20		0.50	0.20	mg/L			07/26/11 17:10	1
Sulfate	<0.38		1.0	0.38	mg/L			07/26/11 17:10	1

Lab Sample ID: LCS 560-62249/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	10.0	9.94		mg/L		99	80 - 120
Nitrate as N	5.00	5.29		mg/L		106	80 - 120
Nitrate Nitrite as N	10.0	10.7		mg/L		107	80 - 120
Sulfate	25.0	24.7		mg/L		99	80 - 120

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 560-62378/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62378

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<1.0		1.0	1.0	umhos/cm			07/29/11 10:00	1

Lab Sample ID: LCS 560-62378/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Specific Conductance	1000	1010		umhos/cm		101	90 - 110

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 560-62338/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62338

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/28/11 12:55	1

Lab Sample ID: LCS 560-62338/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Dissolved Solids	2250	2140		mg/L		95	80 - 120

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 560-62293/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62293

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.0		3.0	3.0	mg/L			07/27/11 15:45	1

Lab Sample ID: LCS 560-62293/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Suspended Solids	200	204		mg/L		102	80 - 120

Method: SM 4500 Cl F - Chlorine, Residual

Lab Sample ID: MB 560-62229/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	<0.077		0.20	0.077	mg/L			07/26/11 14:50	1

Method: SM 4500 Cl F - Chlorine, Residual (Continued)

Lab Sample ID: LCS 560-62229/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62229

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Chlorine, Total Residual			1.00	1.01		mg/L		101	90 - 110		

Lab Sample ID: 560-27236-1 DU — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62229

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chlorine, Total Residual	<0.077	HF		<0.077		mg/L				NC	20

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 560-62518/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.020		0.10	0.020	mg/L			07/29/11 08:45	1

Lab Sample ID: LCS 560-62518/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62518

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Fluoride			0.800	0.764		mg/L		96	85 - 115		

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 600-59560/8-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 59561 — **Prep Batch: 59560**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus as P	<0.013		0.050	0.013	mg/Kg		08/01/11 06:08	08/01/11 06:23	1

Lab Sample ID: LCS 600-59560/9-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 59561 — **Prep Batch: 59560**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Phosphorus as P			0.500	0.500		mg/Kg		100	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 560-62284/1 USB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62284

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			07/27/11 10:00	1

Method: SM 5210B - BOD, 5-Day (Continued)

Lab Sample ID: USB 560-62284/2 USB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62284

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			07/27/11 10:00	1

Lab Sample ID: LCS 560-62284/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbonaceous Biochemical Oxygen Demand	198	199		mg/L		101	84.6 - 115.4

Lab Sample ID: USB 560-62285/1 USB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62285

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			07/27/11 12:00	1

Lab Sample ID: USB 560-62285/2 USB — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62285

Analyte	USB Result	USB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			07/27/11 12:00	1

Lab Sample ID: LCS 560-62285/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Biochemical Oxygen Demand	198	191		mg/L		96	84.6 - 115.4

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 560-62489/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.404	J	1.0	0.29	mg/L			07/27/11 14:50	1

Lab Sample ID: LCS 560-62489/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Organic Carbon	100	96.9		mg/L		97	80 - 120

Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Lab Sample ID: MB 560-62280/1
Matrix: Water
Analysis Batch: 62280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	<1.0		1.0	1.0	CFU/100mL			07/26/11 15:45	1

Lab Sample ID: MB 560-62280/6
Matrix: Water
Analysis Batch: 62280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	<1.0		1.0	1.0	CFU/100mL			07/26/11 15:45	1

Lab Sample ID: 560-27236-1 DU
Matrix: Water
Analysis Batch: 62280

Client Sample ID: Tank 26
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Coliform, Fecal	<40			<40		CFU/100mL				NC	20

Certification Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Corpus Christi	Kansas	NELAC	7	E-10362
TestAmerica Corpus Christi	Oklahoma	State Program	6	9968
TestAmerica Corpus Christi	Texas	NELAC	6	T104704210-11-5
TestAmerica Corpus Christi	USDA	USDA		P330-11-00060
TestAmerica Houston	Arkansas	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAC	6	30643
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAC	6	T104704223-10-6-TX
TestAmerica Houston	USDA	USDA		P330-08-00217
TestAmerica Houston	Utah	NELAC	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-1

Method	Method Description	Protocol	Laboratory
20B	Sodium Adsorption Ratio	USDA	TAL CC
1664A	HEM and SGT-HEM	1664A	TAL CC
350.1	Nitrogen, Ammonia	MCAWW	TAL CC
351.2	Nitrogen, Organic	MCAWW	TAL CC
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL HOU
8000	COD	Hach	TAL CC
9040C	pH	SW846	TAL CC
9056	Anions, Ion Chromatography	SW846	TAL CC
SM 2510B	Conductivity, Specific Conductance	SM	TAL CC
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL CC
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL CC
SM 4500 Cl F	Chlorine, Residual	SM	TAL CC
SM 4500 F C	Fluoride	SM	TAL CC
SM 4500 P E	Phosphorus	SM	TAL HOU
SM 5210B	BOD, 5-Day	SM	TAL CC
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL CC
SM 9222D	Coliforms, Fecal (Membrane Filter)	SM	TAL CC

Protocol References:

1664A = EPA-821-98-002

Hach = Hach Company

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

USDA = "USDA Agriculture Handbook 60, section 20B".

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-27236-1	Tank 26	Water	07/26/11 11:45	07/26/11 13:56

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

No. 36715

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: TRC	PROJECT NAME/NUMBER: FALCON
SEND REPORT TO: CHRIS MANSURI	BILLING INFORMATION
ADDRESS: 8140 Walnut Hill Ln., Ste 500	BILL TO: SAME
Dallas, Tx 75231	ADDRESS:
cmansuri@trcsolutions.com, shalasz@trcsolutions.com	
PHONE: 512.923.9590	PHONE:
FAX: 512.329.8750	FAX: PO NO: 34989

ANALYSIS/METHOD REQUEST: SEE ATTACHED LIST

LAB JOB NO. Loc: 560 27236

SEAL INTACT: Yes

COOLER TEMP: 2.9 / 3.1

IR GUN ID: [illegible]

INITIAL/DATE: [illegible] 07/26/11

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	REMARKS/PRECAUTIONS.
	Tank 26	7.26.11	11:45	WATER		HCL/H2SO4	9	

SAMPLER: Paul Supak

SHIPMENT METHOD: Drop off

AIRBILL NO.:

REQUIRED TURNAROUND ☐ ROUTINE TAT (10 BUSINESS DAYS) ☑ RUSH TAT (MAY REQUIRE SURCHARGE)

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Paul Supak	7/26/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: GAINCO INC	TIME 13:56	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Olivia Magee	07/26/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: TACE	TIME 13:56	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

TAL-8222-560 (1209)

TestAmerica
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361.289.2673/Fax: 361.289.2471

Padilla, Erica

From: Mansuri, Chris (Austin,TX-US) [CMansuri@trcsolutions.com]
Sent: Wednesday, July 20, 2011 4:18 PM
To: Padilla, Erica
Subject: Request for Quote

BOD (5-day)
CBOD (5-day)
Chemical Oxygen Demand
Total Organic Carbon
Ammonia Nitrogen
Total Suspended Solids
Nitrate Nitrogen
Total Organic Nitrogen
Total Phosphorus
Oil and Grease
Total Residual Chlorine
Total Dissolved Solids
Sulfate
Chloride
Fluoride
Fecal Coliform
Specific Conductance (mmhos/cm)
pH (Standard Units; min/max)
Soluble Sodium
Soluble Calcium
Soluble Magnesium
SAR

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27236-1

Login Number: 27236

List Source: TestAmerica Corpus Christi

List Number: 1

Creator: Magee, Alice J.

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27236-1

Login Number: 27236
List Number: 1
Creator: Fuentes Jr, Fabio

List Source: TestAmerica Houston
List Creation: 07/27/11 09:46 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-27236-2
Client Project/Site: Falcon Tank 26

For:
TRC Environmental Corporation
4220 Herschel Ave
Unit 805
Dallas, Texas 75219

Attn: Mr. Chris Mansuri

Erica N Padilla

Authorized for release by:
08/09/2011 05:39:06 PM

Erica Padilla
Project Manager I
erica.padilla@testamericainc.com

LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 560-27236-2

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-27236-2

Comments
Following completion of the analyses requested on the chain of custody (COC) included in this report, the client added metals and cyanide analysis. This report is intended to be used in conjunction with the original report (560-24236-1) and not as a revision to replace it.

No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

General Chemistry
Method 9012A: The matrix spike (MS) recovery for batch 62689 were outside control limits. The associated matrix spike duplicate, low laboratory control sample (LLCS), laboratory control sample (LCS), and high laboratory control sample (HLCS) recoveries met acceptance criteria. Therefore, data are reported.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Client Sample ID: Tank 26 — Lab Sample ID: 560-27236-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4.5		0.10	0.068	mg/L	1		6010B	Total/NA
Antimony	0.027		0.010	0.0050	mg/L	1		6010B	Total/NA
Boron	1.2		0.050	0.0069	mg/L	1		6010B	Total/NA
Copper	0.029		0.010	0.0045	mg/L	1		6010B	Total/NA
Nickel	0.042		0.010	0.0020	mg/L	1		6010B	Total/NA
Thallium	0.0025	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.036		0.020	0.0057	mg/L	1		6010B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.027		0.020	0.020	mg/L	1		9012A	Total/NA

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Client Sample ID: Tank 26

Date Collected: 07/26/11 11:45
Date Received: 07/26/11 13:56

Lab Sample ID: 560-27236-1

Matrix: Water

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.5		0.10	0.068	mg/L		08/08/11 09:00	08/08/11 14:31	1
Antimony	0.027		0.010	0.0050	mg/L		08/08/11 09:00	08/08/11 14:31	1
Beryllium	<0.00050		0.0040	0.00050	mg/L		08/08/11 09:00	08/08/11 14:31	1
Boron	1.2		0.050	0.0069	mg/L		08/08/11 09:00	08/08/11 14:31	1
Copper	0.029		0.010	0.0045	mg/L		08/08/11 09:00	08/08/11 14:31	1
Nickel	0.042		0.010	0.0020	mg/L		08/08/11 09:00	08/08/11 14:31	1
Thallium	0.0025	J	0.0050	0.0015	mg/L		08/08/11 09:00	08/08/11 14:31	1
Zinc	0.036		0.020	0.0057	mg/L		08/08/11 09:00	08/08/11 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.027		0.020	0.020	mg/L		08/05/11 10:00	08/05/11 16:47	1

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-62724/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62729 — **Prep Batch: 62724**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.068		0.10	0.068	mg/L		08/08/11 09:00	08/08/11 14:27	1
Antimony	<0.0050		0.010	0.0050	mg/L		08/08/11 09:00	08/08/11 14:27	1
Beryllium	<0.00050		0.0040	0.00050	mg/L		08/08/11 09:00	08/08/11 14:27	1
Boron	<0.0069		0.050	0.0069	mg/L		08/08/11 09:00	08/08/11 14:27	1
Copper	<0.0045		0.010	0.0045	mg/L		08/08/11 09:00	08/08/11 14:27	1
Nickel	<0.0020		0.010	0.0020	mg/L		08/08/11 09:00	08/08/11 14:27	1
Thallium	<0.0015		0.0050	0.0015	mg/L		08/08/11 09:00	08/08/11 14:27	1
Zinc	<0.0057		0.020	0.0057	mg/L		08/08/11 09:00	08/08/11 14:27	1

Lab Sample ID: LCS 560-62724/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62729 — **Prep Batch: 62724**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	4.00	4.02		mg/L		100	80 - 120
Antimony	0.400	0.424		mg/L		106	80 - 120
Beryllium	0.400	0.414		mg/L		103	80 - 120
Boron	0.800	0.810		mg/L		101	80 - 120
Copper	0.400	0.436		mg/L		109	80 - 120
Nickel	0.400	0.425		mg/L		106	80 - 120
Thallium	0.200	0.210		mg/L		105	80 - 120
Zinc	0.400	0.438		mg/L		109	80 - 120

Lab Sample ID: 560-27236-1 MS — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62729 — **Prep Batch: 62724**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	4.5		4.00	8.22		mg/L		92	80 - 120
Antimony	0.027		0.400	0.464		mg/L		109	80 - 120
Beryllium	<0.00050		0.400	0.403		mg/L		101	80 - 120
Boron	1.2		0.800	1.98		mg/L		91	80 - 120
Copper	0.029		0.400	0.371		mg/L		86	80 - 120
Nickel	0.042		0.400	0.421		mg/L		95	80 - 120
Thallium	0.0025	J	0.200	0.177		mg/L		87	80 - 120
Zinc	0.036		0.400	0.413		mg/L		94	80 - 120

Lab Sample ID: 560-27236-1 MSD — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62729 — **Prep Batch: 62724**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aluminum	4.5		4.00	8.68		mg/L		104	80 - 120	5	20
Antimony	0.027		0.400	0.470		mg/L		111	80 - 120	1	20
Beryllium	<0.00050		0.400	0.401		mg/L		100	80 - 120	0	20
Boron	1.2		0.800	2.00		mg/L		95	80 - 120	1	20
Copper	0.029		0.400	0.368		mg/L		85	80 - 120	1	20
Nickel	0.042		0.400	0.425		mg/L		96	80 - 120	1	20
Thallium	0.0025	J	0.200	0.180		mg/L		89	80 - 120	1	20
Zinc	0.036		0.400	0.402		mg/L		91	80 - 120	3	20

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 560-62711/3-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.020		0.020	0.020	mg/L		08/05/11 10:00	08/05/11 16:39	1

Lab Sample ID: HLCS 560-62711/6-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.486	0.526		mg/L		108	85 - 115

Lab Sample ID: LCS 560-62711/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.292	0.314		mg/L		108	85 - 115

Lab Sample ID: LLCS 560-62711/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.195	0.210		mg/L		108	85 - 115

Lab Sample ID: 560-27236-1 MS — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.027		0.292	0.414	F	mg/L		133	75 - 125

Lab Sample ID: 560-27236-1 MSD — **Client Sample ID: Tank 26**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 62689 — **Prep Batch: 62711**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.027		0.292	0.393		mg/L		125	75 - 125	5	20

Certification Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Corpus Christi	Kansas	NELAC	7	E-10362
TestAmerica Corpus Christi	Oklahoma	State Program	6	9968
TestAmerica Corpus Christi	Texas	NELAC	6	T104704210-11-5
TestAmerica Corpus Christi	USDA	USDA		P330-11-00060

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CC
9012A	Cyanide, Total and/or Amenable	SW846	TAL CC

Protocol References:

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

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

Sample Summary

Client: TRC Environmental Corporation
Project/Site: Falcon Tank 26

TestAmerica Job ID: 560-27236-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-27236-1	Tank 26	Water	07/26/11 11:45	07/26/11 13:56

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

No. 36715

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: TRC	PROJECT NAME/NUMBER: FALCON
SEND REPORT TO: CHRIS MANSURI	BILLING INFORMATION
ADDRESS: 8140 Walnut Hill Ln., Ste 500	BILL TO: SAME
Dallas, Tx 75231	ADDRESS:
cmansuri@trcsolutions.com, shalasz@trcsolutions.com	
PHONE: 512.923.9590	PHONE:
FAX: 512.329.8750	FAX: PO NO: 34989

ANALYSIS/METHOD REQUEST: SEE ATTACHED LIST

LAB JOB NO. Loc: 560 27236

SEAL INTACT: Yes

COOLER TEMP: 2.9 / 3.1

IR GUN ID: [illegible]

INITIAL/DATE: [illegible] 07/26/11

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	REMARKS/PRECAUTIONS.
	Tank 26	7.26.11	11:45	WATER		HCL/H2SO4	9	

SAMPLER: Paul Supak

SHIPMENT METHOD: Drop off

AIRBILL NO.:

REQUIRED TURNAROUND ☐ ROUTINE TAT (10 BUSINESS DAYS) ☑ RUSH TAT (MAY REQUIRE SURCHARGE)

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Paul Supak	7/26/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: GAINCO INC	TIME 13:56	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Olivia Magee	07/26/11	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: TACE	TIME 13:56	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

TAL-8222-560 (1209)

TestAmerica
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: 361.289.2673/Fax: 361.289.2471

Padilla, Erica

From: Mansuri, Chris (Austin,TX-US) [CMansuri@trcsolutions.com]
Sent: Wednesday, July 20, 2011 4:18 PM
To: Padilla, Erica
Subject: Request for Quote

BOD (5-day)
CBOD (5-day)
Chemical Oxygen Demand
Total Organic Carbon
Ammonia Nitrogen
Total Suspended Solids
Nitrate Nitrogen
Total Organic Nitrogen
Total Phosphorus
Oil and Grease
Total Residual Chlorine
Total Dissolved Solids
Sulfate
Chloride
Fluoride
Fecal Coliform
Specific Conductance (mmhos/cm)
pH (Standard Units; min/max)
Soluble Sodium
Soluble Calcium
Soluble Magnesium
SAR

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 560-27236-2

Login Number: 27236

List Source: TestAmerica Corpus Christi

List Number: 1

Creator: Magee, Alice J.

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
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	
Is the Field Sampler's name present on COC?	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	
Sample Preservation Verified.	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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.