May 31, 2012 Service Request No: J1202313

Kirk Wills
Waste Services of Florida, Inc.
11500 43rd Street North
Clearwater, FL 33762

Laboratory Results for: JED SWDF

Dear Kirk,

Enclosed are the results of the sample(s) submitted to our laboratory May 16, 2012
For your reference, these analyses have been assigned our service request number **J1202313.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. If required, the laboratory can provide uncertainty measurements for each method employed in sample analysis; this uncertainty measurement would be generated using method validation studies and the laboratory's quality control data.

Please contact me if you have any questions. My extension is 4409. You may also contact me via email at CMyers@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Enviromental

Craig Myers
Project Manager

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Received: 5/16/12

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables, including results of QC samples analyzed from this delivery group. When appropriate to the procedure, method blank results have been reported with each analytical test. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Parameters that are included in the NELAC Fields of Testing but are not included in the lab's NELAC accreditation are identified in the discussion of each analytical procedure.

Sample Receipt

Seven water samples and one trip blank were received for analysis at Columbia Analytical Services on 5/16/12. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

No significant data anomalies were noted with this analysis.

Semi-Volatile Organic Analyses:

Method 8011: The upper control criterion was exceeded for the following analyte in the Continuing Calibration Verification (CCV): 1,2-Dibromo-3-chloropropane. The field samples analyzed in this sequence did not contain the analyte in question above the Method Reporting Limit (MRL). Since the apparent problem equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8011: The upper control criterion was exceeded for the following surrogate in Method Blank JQ1203265-01: 1,1,1,2-Tetrachloroethane. No target analytes were detected in the Method Blank. Since the apparent problem equates to a high bias, the data quality is not significantly affected. No further corrective action was appropriate.

Method 8011: The control criterion was exceeded for the following surrogate in sample MW-11A due to suspected matrix interferences: 1,1,1,2-Tetrachloroethane. A large emulsion was generated during the extraction of this sample, which may have contributed to its poor surrogate recovery. No further corrective action was appropriate.

Metals Analyses:

Method 6020: The matrix spike recoveries of Selenium for sample MW-10B were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential bias in this matrix. No further corrective action was appropriate.

General Chemistry Analyses:

No significant data anomalies were noted with this analysis.

Approved by _____ Date 5/31/2012

State Certifications, Accreditations, and Licenses

Agency	Number	Expire Date
Florida Department of Health	E82502	6/30/2012
North Carolina Department of Environment and Natural Resources	527	12/31/2012
Virginia Environmental Accreditation Program	460191	12/14/2012
Louisiana Department of Environmental Quality	02086	6/30/2012
Kentucky Division of Waste Management	63	7/5/2013
South Carolina Department of Health and Environmental Control	96021001	6/30/2012
Maine Department of Health and Human Services	2011006	2/3/2013
Pennsylvania Department of Environmental Protection	68-04835	7/31/2012
New Jersey Department of Environmental Protection	FL019	6/30/2012

Data Qualifiers

Florida-DEP

!	Data deviates from historically established concentration ranges
*	Not reported due to interference
?	Data is rejected and should not be used
A	Value reported is the arithmetic mean of two or more determininations
B	Results based upon colony counts outside the acceptable range.
D	Measurement was made in the field.
E	Extra samples were taken at composite stations
H	Value based on field kit determination; results may not be accurate.
I	The reported value is between the laboratory method detection limit and the laboratory PQL.
J	Estimated value.
K	Off scale low. The value is less than the lowest calibration standard.
L	Off scale high. The analyte is above the acceptable level of quantitation.
M	The MDL/MRL has been elevated because the analyte could not be accurately quantified.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed
Q	Sample held beyond the acceptable holding time.
R	Significant rain in the past 48 hours (typically in excess of 0.5 inches)
T	Estimated value, less than the MDL
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
X	Insufficient individuals were present in the sample to achieve a minimum of 280 organisms for identification (Stream Condition Index Analysis only)
Y	The laboratory analysis was from an unpreserved or improperly preserved sample.
Z	Too many colonies were present, the numeric value represents the filtration volume

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Waste Services of Florida, Inc. **Service Request:** J1202313
Project: JED SWDF

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J1202313-001	MW-10B	5/15/2012	1440
J1202313-002	MW-11A	5/15/2012	1330
J1202313-003	MW-11B	5/15/2012	1255
J1202313-004	MW-12A	5/15/2012	1150
J1202313-005	MW-12B	5/15/2012	1120
J1202313-006	MW-13A	5/15/2012	1015
J1202313-007	MW-13B	5/15/2012	0945
J1202313-008	Trip Blank	5/15/2012	0000

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 14:40
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-10B	**Units:**	ug/L
Lab Code:	J1202313-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U	1.00	0.190	1	05/21/12 16:18	
1,1,1-Trichloroethane (TCA)	0.170 U	1.00	0.170	1	05/21/12 16:18	
1,1,2,2-Tetrachloroethane	0.290 U	1.00	0.290	1	05/21/12 16:18	
1,1,2-Trichloroethane	0.400 U	1.00	0.400	1	05/21/12 16:18	
1,1-Dichloroethane (1,1-DCA)	0.300 U	1.00	0.300	1	05/21/12 16:18	
1,1-Dichloroethene (1,1-DCE)	0.160 U	1.00	0.160	1	05/21/12 16:18	
1,2,3-Trichloropropane	0.420 U	2.00	0.420	1	05/21/12 16:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U	5.00	2.30	1	05/21/12 16:18	
1,2-Dibromoethane (EDB)	0.460 U	1.00	0.460	1	05/21/12 16:18	
1,2-Dichlorobenzene	0.480 U	1.00	0.480	1	05/21/12 16:18	
1,2-Dichloroethane	0.220 U	1.00	0.220	1	05/21/12 16:18	
1,2-Dichloropropane	0.190 U	1.00	0.190	1	05/21/12 16:18	
1,4-Dichlorobenzene	0.160 U	1.00	0.160	1	05/21/12 16:18	
2-Butanone (MEK)	3.80 U	10.0	3.80	1	05/21/12 16:18	
2-Hexanone	2.20 U	25.0	2.20	1	05/21/12 16:18	
4-Methyl-2-pentanone (MIBK)	1.10 U	25.0	1.10	1	05/21/12 16:18	
Acetone	5.60 U	50.0	5.60	1	05/21/12 16:18	
Acrylonitrile	1.50 U	10.0	1.50	1	05/21/12 16:18	
Benzene	0.210 U	1.00	0.210	1	05/21/12 16:18	
Bromochloromethane	0.270 U	5.00	0.270	1	05/21/12 16:18	
Bromodichloromethane	0.220 U	1.00	0.220	1	05/21/12 16:18	
Bromoform	0.420 U	2.00	0.420	1	05/21/12 16:18	
Bromomethane	0.230 U	5.00	0.230	1	05/21/12 16:18	
Carbon Disulfide	2.40 U	10.0	2.40	1	05/21/12 16:18	
Carbon Tetrachloride	0.340 U	1.00	0.340	1	05/21/12 16:18	
Chlorobenzene	0.160 U	1.00	0.160	1	05/21/12 16:18	
Chloroethane	0.520 U	5.00	0.520	1	05/21/12 16:18	
Chloroform	0.350 U	1.00	0.350	1	05/21/12 16:18	
Chloromethane	0.360 U	1.00	0.360	1	05/21/12 16:18	
cis-1,2-Dichloroethene	0.360 U	1.00	0.360	1	05/21/12 16:18	
cis-1,3-Dichloropropene	0.200 U	1.00	0.200	1	05/21/12 16:18	
Dibromochloromethane	0.210 U	1.00	0.210	1	05/21/12 16:18	
Dibromomethane	0.360 U	5.00	0.360	1	05/21/12 16:18	
Ethylbenzene	0.210 U	1.00	0.210	1	05/21/12 16:18	
Iodomethane	2.70 U	5.00	2.70	1	05/21/12 16:18	
m,p-Xylenes	0.310 U	2.00	0.310	1	05/21/12 16:18	
Methylene Chloride	0.210 U	5.00	0.210	1	05/21/12 16:18	
o-Xylene	0.140 U	1.00	0.140	1	05/21/12 16:18	
Styrene	0.290 U	1.00	0.290	1	05/21/12 16:18	
Tetrachloroethene (PCE)	0.220 U	1.00	0.220	1	05/21/12 16:18	
Toluene	0.190 U	1.00	0.190	1	05/21/12 16:18	
trans-1,2-Dichloroethene	0.190 U	1.00	0.190	1	05/21/12 16:18	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 14:40
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-10B	**Units:**	ug/L
Lab Code:	J1202313-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 16:18	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 16:18	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 16:18	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 16:18	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 16:18	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 16:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	102	72 - 121	05/21/12 16:18	
4-Bromofluorobenzene	105	86 - 113	05/21/12 16:18	
Dibromofluoromethane	101	86 - 112	05/21/12 16:18	
Toluene-d8	105	88 - 115	05/21/12 16:18	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 14:40
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-10B	**Units:**	ug/L
Lab Code:	J1202313-001	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0199	0.00700	1	05/26/12 03:44	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0199	0.00700	1	05/26/12 03:44	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	76	70 - 130	05/26/12 03:44	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 14:40
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-10B	**Basis:**	NA
Lab Code:	J1202313-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	**0.7 I**	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**69.2**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	**0.21 I**	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**1.0**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**2.4**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**3430**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	**1.1 I**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**51.9**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	**1.5 I**	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 14:40
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-10B	**Basis:**	NA
Lab Code:	J1202313-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.333**	mg/L	0.010	0.007	1	05/21/12 11:24	
Chloride	300.0	**38.5**	mg/L	0.50	0.11	1	05/16/12 17:19	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 17:19	
Solids, Total Dissolved	SM 2540 C	**247**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 13:30
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11A	**Units:**	ug/L
Lab Code:	J1202313-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U		1.00	0.190	1	05/21/12 16:49	
1,1,1-Trichloroethane (TCA)	0.170 U		1.00	0.170	1	05/21/12 16:49	
1,1,2,2-Tetrachloroethane	0.290 U		1.00	0.290	1	05/21/12 16:49	
1,1,2-Trichloroethane	0.400 U		1.00	0.400	1	05/21/12 16:49	
1,1-Dichloroethane (1,1-DCA)	0.300 U		1.00	0.300	1	05/21/12 16:49	
1,1-Dichloroethene (1,1-DCE)	0.160 U		1.00	0.160	1	05/21/12 16:49	
1,2,3-Trichloropropane	0.420 U		2.00	0.420	1	05/21/12 16:49	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U		5.00	2.30	1	05/21/12 16:49	
1,2-Dibromoethane (EDB)	0.460 U		1.00	0.460	1	05/21/12 16:49	
1,2-Dichlorobenzene	0.480 U		1.00	0.480	1	05/21/12 16:49	
1,2-Dichloroethane	0.220 U		1.00	0.220	1	05/21/12 16:49	
1,2-Dichloropropane	0.190 U		1.00	0.190	1	05/21/12 16:49	
1,4-Dichlorobenzene	0.160 U		1.00	0.160	1	05/21/12 16:49	
2-Butanone (MEK)	3.80 U		10.0	3.80	1	05/21/12 16:49	
2-Hexanone	2.20 U		25.0	2.20	1	05/21/12 16:49	
4-Methyl-2-pentanone (MIBK)	1.10 U		25.0	1.10	1	05/21/12 16:49	
Acetone	5.60 U		50.0	5.60	1	05/21/12 16:49	
Acrylonitrile	1.50 U		10.0	1.50	1	05/21/12 16:49	
Benzene	**3.84**		1.00	0.210	1	05/21/12 16:49	
Bromochloromethane	0.270 U		5.00	0.270	1	05/21/12 16:49	
Bromodichloromethane	0.220 U		1.00	0.220	1	05/21/12 16:49	
Bromoform	0.420 U		2.00	0.420	1	05/21/12 16:49	
Bromomethane	0.230 U		5.00	0.230	1	05/21/12 16:49	
Carbon Disulfide	2.40 U		10.0	2.40	1	05/21/12 16:49	
Carbon Tetrachloride	0.340 U		1.00	0.340	1	05/21/12 16:49	
Chlorobenzene	0.160 U		1.00	0.160	1	05/21/12 16:49	
Chloroethane	0.520 U		5.00	0.520	1	05/21/12 16:49	
Chloroform	0.350 U		1.00	0.350	1	05/21/12 16:49	
Chloromethane	0.360 U		1.00	0.360	1	05/21/12 16:49	
cis-1,2-Dichloroethene	**0.530**	**I**	1.00	0.360	1	05/21/12 16:49	
cis-1,3-Dichloropropene	0.200 U		1.00	0.200	1	05/21/12 16:49	
Dibromochloromethane	0.210 U		1.00	0.210	1	05/21/12 16:49	
Dibromomethane	0.360 U		5.00	0.360	1	05/21/12 16:49	
Ethylbenzene	0.210 U		1.00	0.210	1	05/21/12 16:49	
Iodomethane	2.70 U		5.00	2.70	1	05/21/12 16:49	
m,p-Xylenes	0.310 U		2.00	0.310	1	05/21/12 16:49	
Methylene Chloride	0.210 U		5.00	0.210	1	05/21/12 16:49	
o-Xylene	0.140 U		1.00	0.140	1	05/21/12 16:49	
Styrene	0.290 U		1.00	0.290	1	05/21/12 16:49	
Tetrachloroethene (PCE)	0.220 U		1.00	0.220	1	05/21/12 16:49	
Toluene	0.190 U		1.00	0.190	1	05/21/12 16:49	
trans-1,2-Dichloroethene	0.190 U		1.00	0.190	1	05/21/12 16:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 13:30
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11A	**Units:**	ug/L
Lab Code:	J1202313-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 16:49	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 16:49	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 16:49	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 16:49	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 16:49	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 16:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	72 - 121	05/21/12 16:49	
4-Bromofluorobenzene	105	86 - 113	05/21/12 16:49	
Dibromofluoromethane	101	86 - 112	05/21/12 16:49	
Toluene-d8	102	88 - 115	05/21/12 16:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 13:30
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11A	**Units:**	ug/L
Lab Code:	J1202313-002	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0199	0.00700	1	05/26/12 04:04	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0199	0.00700	1	05/26/12 04:04	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	63	70 - 130	05/26/12 04:04	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 13:30
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11A	**Basis:**	NA
Lab Code:	J1202313-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	**8.2**	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**15.2**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	**0.04 I**	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**6.2**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.4 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	**0.4 I**	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**8740**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	**0.44 I**	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	**1.3 I**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**29.3**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	**8.9**	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 13:30
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11A	**Basis:**	NA
Lab Code:	J1202313-002		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**5.14**	mg/L	0.010	0.007	1	05/21/12 11:27	
Chloride	300.0	**20.1**	mg/L	0.50	0.11	1	05/16/12 18:04	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 18:04	
Solids, Total Dissolved	SM 2540 C	**217**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 12:55
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11B	**Units:**	ug/L
Lab Code:	J1202313-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U		1.00	0.190	1	05/21/12 17:19	
1,1,1-Trichloroethane (TCA)	0.170 U		1.00	0.170	1	05/21/12 17:19	
1,1,2,2-Tetrachloroethane	0.290 U		1.00	0.290	1	05/21/12 17:19	
1,1,2-Trichloroethane	0.400 U		1.00	0.400	1	05/21/12 17:19	
1,1-Dichloroethane (1,1-DCA)	0.300 U		1.00	0.300	1	05/21/12 17:19	
1,1-Dichloroethene (1,1-DCE)	0.160 U		1.00	0.160	1	05/21/12 17:19	
1,2,3-Trichloropropane	0.420 U		2.00	0.420	1	05/21/12 17:19	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U		5.00	2.30	1	05/21/12 17:19	
1,2-Dibromoethane (EDB)	0.460 U		1.00	0.460	1	05/21/12 17:19	
1,2-Dichlorobenzene	0.480 U		1.00	0.480	1	05/21/12 17:19	
1,2-Dichloroethane	**0.440**	**I**	1.00	0.220	1	05/21/12 17:19	
1,2-Dichloropropane	0.190 U		1.00	0.190	1	05/21/12 17:19	
1,4-Dichlorobenzene	0.160 U		1.00	0.160	1	05/21/12 17:19	
2-Butanone (MEK)	3.80 U		10.0	3.80	1	05/21/12 17:19	
2-Hexanone	2.20 U		25.0	2.20	1	05/21/12 17:19	
4-Methyl-2-pentanone (MIBK)	1.10 U		25.0	1.10	1	05/21/12 17:19	
Acetone	5.60 U		50.0	5.60	1	05/21/12 17:19	
Acrylonitrile	1.50 U		10.0	1.50	1	05/21/12 17:19	
Benzene	**4.96**		1.00	0.210	1	05/21/12 17:19	
Bromochloromethane	0.270 U		5.00	0.270	1	05/21/12 17:19	
Bromodichloromethane	0.220 U		1.00	0.220	1	05/21/12 17:19	
Bromoform	0.420 U		2.00	0.420	1	05/21/12 17:19	
Bromomethane	0.230 U		5.00	0.230	1	05/21/12 17:19	
Carbon Disulfide	2.40 U		10.0	2.40	1	05/21/12 17:19	
Carbon Tetrachloride	0.340 U		1.00	0.340	1	05/21/12 17:19	
Chlorobenzene	0.160 U		1.00	0.160	1	05/21/12 17:19	
Chloroethane	0.520 U		5.00	0.520	1	05/21/12 17:19	
Chloroform	0.350 U		1.00	0.350	1	05/21/12 17:19	
Chloromethane	0.360 U		1.00	0.360	1	05/21/12 17:19	
cis-1,2-Dichloroethene	**0.750**	**I**	1.00	0.360	1	05/21/12 17:19	
cis-1,3-Dichloropropene	0.200 U		1.00	0.200	1	05/21/12 17:19	
Dibromochloromethane	0.210 U		1.00	0.210	1	05/21/12 17:19	
Dibromomethane	0.360 U		5.00	0.360	1	05/21/12 17:19	
Ethylbenzene	0.210 U		1.00	0.210	1	05/21/12 17:19	
Iodomethane	2.70 U		5.00	2.70	1	05/21/12 17:19	
m,p-Xylenes	0.310 U		2.00	0.310	1	05/21/12 17:19	
Methylene Chloride	0.210 U		5.00	0.210	1	05/21/12 17:19	
o-Xylene	**0.240**	**I**	1.00	0.140	1	05/21/12 17:19	
Styrene	0.290 U		1.00	0.290	1	05/21/12 17:19	
Tetrachloroethene (PCE)	0.220 U		1.00	0.220	1	05/21/12 17:19	
Toluene	0.190 U		1.00	0.190	1	05/21/12 17:19	
trans-1,2-Dichloroethene	0.190 U		1.00	0.190	1	05/21/12 17:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 12:55
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11B	**Units:**	ug/L
Lab Code:	J1202313-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 17:19	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 17:19	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 17:19	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 17:19	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 17:19	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 17:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	72 - 121	05/21/12 17:19	
4-Bromofluorobenzene	108	86 - 113	05/21/12 17:19	
Dibromofluoromethane	101	86 - 112	05/21/12 17:19	
Toluene-d8	104	88 - 115	05/21/12 17:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 12:55
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11B	**Units:**	ug/L
Lab Code:	J1202313-003	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0199	0.00700	1	05/26/12 04:24	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0199	0.00700	1	05/26/12 04:24	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	73	70 - 130	05/26/12 04:24	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 12:55
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11B	**Basis:**	NA
Lab Code:	J1202313-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	**0.9 I**	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**36.5**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	**0.05 I**	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**1.4**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.2 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**1180**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**26.1**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	**2.5**	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 12:55
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-11B	**Basis:**	NA
Lab Code:	J1202313-003		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.077**	mg/L	0.010	0.007	1	05/21/12 11:33	
Chloride	300.0	**36.9**	mg/L	0.50	0.11	1	05/16/12 18:19	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 18:19	
Solids, Total Dissolved	SM 2540 C	**120**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:50
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12A	**Units:**	ug/L
Lab Code:	J1202313-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U		1.00	0.190	1	05/21/12 17:49	
1,1,1-Trichloroethane (TCA)	0.170 U		1.00	0.170	1	05/21/12 17:49	
1,1,2,2-Tetrachloroethane	0.290 U		1.00	0.290	1	05/21/12 17:49	
1,1,2-Trichloroethane	0.400 U		1.00	0.400	1	05/21/12 17:49	
1,1-Dichloroethane (1,1-DCA)	0.300 U		1.00	0.300	1	05/21/12 17:49	
1,1-Dichloroethene (1,1-DCE)	0.160 U		1.00	0.160	1	05/21/12 17:49	
1,2,3-Trichloropropane	0.420 U		2.00	0.420	1	05/21/12 17:49	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U		5.00	2.30	1	05/21/12 17:49	
1,2-Dibromoethane (EDB)	0.460 U		1.00	0.460	1	05/21/12 17:49	
1,2-Dichlorobenzene	0.480 U		1.00	0.480	1	05/21/12 17:49	
1,2-Dichloroethane	0.220 U		1.00	0.220	1	05/21/12 17:49	
1,2-Dichloropropane	0.190 U		1.00	0.190	1	05/21/12 17:49	
1,4-Dichlorobenzene	0.160 U		1.00	0.160	1	05/21/12 17:49	
2-Butanone (MEK)	3.80 U		10.0	3.80	1	05/21/12 17:49	
2-Hexanone	2.20 U		25.0	2.20	1	05/21/12 17:49	
4-Methyl-2-pentanone (MIBK)	1.10 U		25.0	1.10	1	05/21/12 17:49	
Acetone	5.60 U		50.0	5.60	1	05/21/12 17:49	
Acrylonitrile	1.50 U		10.0	1.50	1	05/21/12 17:49	
Benzene	**2.83**		1.00	0.210	1	05/21/12 17:49	
Bromochloromethane	0.270 U		5.00	0.270	1	05/21/12 17:49	
Bromodichloromethane	0.220 U		1.00	0.220	1	05/21/12 17:49	
Bromoform	0.420 U		2.00	0.420	1	05/21/12 17:49	
Bromomethane	0.230 U		5.00	0.230	1	05/21/12 17:49	
Carbon Disulfide	2.40 U		10.0	2.40	1	05/21/12 17:49	
Carbon Tetrachloride	0.340 U		1.00	0.340	1	05/21/12 17:49	
Chlorobenzene	0.160 U		1.00	0.160	1	05/21/12 17:49	
Chloroethane	0.520 U		5.00	0.520	1	05/21/12 17:49	
Chloroform	0.350 U		1.00	0.350	1	05/21/12 17:49	
Chloromethane	0.360 U		1.00	0.360	1	05/21/12 17:49	
cis-1,2-Dichloroethene	**0.410**	**I**	1.00	0.360	1	05/21/12 17:49	
cis-1,3-Dichloropropene	0.200 U		1.00	0.200	1	05/21/12 17:49	
Dibromochloromethane	0.210 U		1.00	0.210	1	05/21/12 17:49	
Dibromomethane	0.360 U		5.00	0.360	1	05/21/12 17:49	
Ethylbenzene	0.210 U		1.00	0.210	1	05/21/12 17:49	
Iodomethane	2.70 U		5.00	2.70	1	05/21/12 17:49	
m,p-Xylenes	0.310 U		2.00	0.310	1	05/21/12 17:49	
Methylene Chloride	0.210 U		5.00	0.210	1	05/21/12 17:49	
o-Xylene	0.140 U		1.00	0.140	1	05/21/12 17:49	
Styrene	0.290 U		1.00	0.290	1	05/21/12 17:49	
Tetrachloroethene (PCE)	0.220 U		1.00	0.220	1	05/21/12 17:49	
Toluene	0.190 U		1.00	0.190	1	05/21/12 17:49	
trans-1,2-Dichloroethene	0.190 U		1.00	0.190	1	05/21/12 17:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:50
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12A	**Units:**	ug/L
Lab Code:	J1202313-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 17:49	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 17:49	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 17:49	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 17:49	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 17:49	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 17:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	72 - 121	05/21/12 17:49	
4-Bromofluorobenzene	105	86 - 113	05/21/12 17:49	
Dibromofluoromethane	99	86 - 112	05/21/12 17:49	
Toluene-d8	106	88 - 115	05/21/12 17:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:50
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12A	**Units:**	ug/L
Lab Code:	J1202313-004	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00705 U	0.0201	0.00705	1	05/26/12 05:04	5/25/12	
1,2-Dibromoethane (EDB)	0.00705 U	0.0201	0.00705	1	05/26/12 05:04	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	102	70 - 130	05/26/12 05:04	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:50
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12A	**Basis:**	NA
Lab Code:	J1202313-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	**10.1**	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**20.2**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	0.04 U	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**1.3**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.9 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**56200**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	**1.0 I**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**12.7**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	**2.1**	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:50
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12A	**Basis:**	NA
Lab Code:	J1202313-004		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**3.05**	mg/L	0.010	0.007	1	05/21/12 11:33	
Chloride	300.0	**21.0**	mg/L	0.50	0.11	1	05/16/12 18:34	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 18:34	
Solids, Total Dissolved	SM 2540 C	**240**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:20
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12B	**Units:**	ug/L
Lab Code:	J1202313-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U	1.00	0.190	1	05/21/12 18:19	
1,1,1-Trichloroethane (TCA)	0.170 U	1.00	0.170	1	05/21/12 18:19	
1,1,2,2-Tetrachloroethane	0.290 U	1.00	0.290	1	05/21/12 18:19	
1,1,2-Trichloroethane	0.400 U	1.00	0.400	1	05/21/12 18:19	
1,1-Dichloroethane (1,1-DCA)	0.300 U	1.00	0.300	1	05/21/12 18:19	
1,1-Dichloroethene (1,1-DCE)	0.160 U	1.00	0.160	1	05/21/12 18:19	
1,2,3-Trichloropropane	0.420 U	2.00	0.420	1	05/21/12 18:19	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U	5.00	2.30	1	05/21/12 18:19	
1,2-Dibromoethane (EDB)	0.460 U	1.00	0.460	1	05/21/12 18:19	
1,2-Dichlorobenzene	0.480 U	1.00	0.480	1	05/21/12 18:19	
1,2-Dichloroethane	0.220 U	1.00	0.220	1	05/21/12 18:19	
1,2-Dichloropropane	0.190 U	1.00	0.190	1	05/21/12 18:19	
1,4-Dichlorobenzene	0.160 U	1.00	0.160	1	05/21/12 18:19	
2-Butanone (MEK)	3.80 U	10.0	3.80	1	05/21/12 18:19	
2-Hexanone	2.20 U	25.0	2.20	1	05/21/12 18:19	
4-Methyl-2-pentanone (MIBK)	1.10 U	25.0	1.10	1	05/21/12 18:19	
Acetone	5.60 U	50.0	5.60	1	05/21/12 18:19	
Acrylonitrile	1.50 U	10.0	1.50	1	05/21/12 18:19	
Benzene	0.210 U	1.00	0.210	1	05/21/12 18:19	
Bromochloromethane	0.270 U	5.00	0.270	1	05/21/12 18:19	
Bromodichloromethane	0.220 U	1.00	0.220	1	05/21/12 18:19	
Bromoform	0.420 U	2.00	0.420	1	05/21/12 18:19	
Bromomethane	0.230 U	5.00	0.230	1	05/21/12 18:19	
Carbon Disulfide	2.40 U	10.0	2.40	1	05/21/12 18:19	
Carbon Tetrachloride	0.340 U	1.00	0.340	1	05/21/12 18:19	
Chlorobenzene	0.160 U	1.00	0.160	1	05/21/12 18:19	
Chloroethane	0.520 U	5.00	0.520	1	05/21/12 18:19	
Chloroform	0.350 U	1.00	0.350	1	05/21/12 18:19	
Chloromethane	0.360 U	1.00	0.360	1	05/21/12 18:19	
cis-1,2-Dichloroethene	0.360 U	1.00	0.360	1	05/21/12 18:19	
cis-1,3-Dichloropropene	0.200 U	1.00	0.200	1	05/21/12 18:19	
Dibromochloromethane	0.210 U	1.00	0.210	1	05/21/12 18:19	
Dibromomethane	0.360 U	5.00	0.360	1	05/21/12 18:19	
Ethylbenzene	0.210 U	1.00	0.210	1	05/21/12 18:19	
Iodomethane	2.70 U	5.00	2.70	1	05/21/12 18:19	
m,p-Xylenes	0.310 U	2.00	0.310	1	05/21/12 18:19	
Methylene Chloride	0.210 U	5.00	0.210	1	05/21/12 18:19	
o-Xylene	0.140 U	1.00	0.140	1	05/21/12 18:19	
Styrene	0.290 U	1.00	0.290	1	05/21/12 18:19	
Tetrachloroethene (PCE)	0.220 U	1.00	0.220	1	05/21/12 18:19	
Toluene	0.190 U	1.00	0.190	1	05/21/12 18:19	
trans-1,2-Dichloroethene	0.190 U	1.00	0.190	1	05/21/12 18:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:20
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12B	**Units:**	ug/L
Lab Code:	J1202313-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 18:19	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 18:19	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 18:19	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 18:19	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 18:19	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 18:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	72 - 121	05/21/12 18:19	
4-Bromofluorobenzene	102	86 - 113	05/21/12 18:19	
Dibromofluoromethane	101	86 - 112	05/21/12 18:19	
Toluene-d8	103	88 - 115	05/21/12 18:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:20
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12B	**Units:**	ug/L
Lab Code:	J1202313-005	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0197	0.00700	1	05/26/12 05:24	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0197	0.00700	1	05/26/12 05:24	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	98	70 - 130	05/26/12 05:24	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:20
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12B	**Basis:**	NA
Lab Code:	J1202313-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	0.5 U	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**37.7**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	0.04 U	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**0.5 I**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.3 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**1240**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**10.6**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	0.3 U	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 11:20
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-12B	**Basis:**	NA
Lab Code:	J1202313-005		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.132**	mg/L	0.010	0.007	1	05/21/12 11:34	
Chloride	300.0	**28.7**	mg/L	0.50	0.11	1	05/16/12 18:49	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 18:49	
Solids, Total Dissolved	SM 2540 C	**65**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 10:15
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13A	**Units:**	ug/L
Lab Code:	J1202313-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U		1.00	0.190	1	05/21/12 18:49	
1,1,1-Trichloroethane (TCA)	0.170 U		1.00	0.170	1	05/21/12 18:49	
1,1,2,2-Tetrachloroethane	0.290 U		1.00	0.290	1	05/21/12 18:49	
1,1,2-Trichloroethane	0.400 U		1.00	0.400	1	05/21/12 18:49	
1,1-Dichloroethane (1,1-DCA)	0.300 U		1.00	0.300	1	05/21/12 18:49	
1,1-Dichloroethene (1,1-DCE)	0.160 U		1.00	0.160	1	05/21/12 18:49	
1,2,3-Trichloropropane	0.420 U		2.00	0.420	1	05/21/12 18:49	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U		5.00	2.30	1	05/21/12 18:49	
1,2-Dibromoethane (EDB)	0.460 U		1.00	0.460	1	05/21/12 18:49	
1,2-Dichlorobenzene	0.480 U		1.00	0.480	1	05/21/12 18:49	
1,2-Dichloroethane	0.220 U		1.00	0.220	1	05/21/12 18:49	
1,2-Dichloropropane	0.190 U		1.00	0.190	1	05/21/12 18:49	
1,4-Dichlorobenzene	0.160 U		1.00	0.160	1	05/21/12 18:49	
2-Butanone (MEK)	3.80 U		10.0	3.80	1	05/21/12 18:49	
2-Hexanone	2.20 U		25.0	2.20	1	05/21/12 18:49	
4-Methyl-2-pentanone (MIBK)	1.10 U		25.0	1.10	1	05/21/12 18:49	
Acetone	5.60 U		50.0	5.60	1	05/21/12 18:49	
Acrylonitrile	1.50 U		10.0	1.50	1	05/21/12 18:49	
Benzene	**1.98**		1.00	0.210	1	05/21/12 18:49	
Bromochloromethane	0.270 U		5.00	0.270	1	05/21/12 18:49	
Bromodichloromethane	0.220 U		1.00	0.220	1	05/21/12 18:49	
Bromoform	0.420 U		2.00	0.420	1	05/21/12 18:49	
Bromomethane	0.230 U		5.00	0.230	1	05/21/12 18:49	
Carbon Disulfide	2.40 U		10.0	2.40	1	05/21/12 18:49	
Carbon Tetrachloride	0.340 U		1.00	0.340	1	05/21/12 18:49	
Chlorobenzene	0.160 U		1.00	0.160	1	05/21/12 18:49	
Chloroethane	0.520 U		5.00	0.520	1	05/21/12 18:49	
Chloroform	0.350 U		1.00	0.350	1	05/21/12 18:49	
Chloromethane	0.360 U		1.00	0.360	1	05/21/12 18:49	
cis-1,2-Dichloroethene	**0.410**	**I**	1.00	0.360	1	05/21/12 18:49	
cis-1,3-Dichloropropene	0.200 U		1.00	0.200	1	05/21/12 18:49	
Dibromochloromethane	0.210 U		1.00	0.210	1	05/21/12 18:49	
Dibromomethane	0.360 U		5.00	0.360	1	05/21/12 18:49	
Ethylbenzene	0.210 U		1.00	0.210	1	05/21/12 18:49	
Iodomethane	2.70 U		5.00	2.70	1	05/21/12 18:49	
m,p-Xylenes	0.310 U		2.00	0.310	1	05/21/12 18:49	
Methylene Chloride	0.210 U		5.00	0.210	1	05/21/12 18:49	
o-Xylene	0.140 U		1.00	0.140	1	05/21/12 18:49	
Styrene	0.290 U		1.00	0.290	1	05/21/12 18:49	
Tetrachloroethene (PCE)	0.220 U		1.00	0.220	1	05/21/12 18:49	
Toluene	0.190 U		1.00	0.190	1	05/21/12 18:49	
trans-1,2-Dichloroethene	0.190 U		1.00	0.190	1	05/21/12 18:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 10:15
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13A	**Units:**	ug/L
Lab Code:	J1202313-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 18:49	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 18:49	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 18:49	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 18:49	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 18:49	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 18:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	72 - 121	05/21/12 18:49	
4-Bromofluorobenzene	106	86 - 113	05/21/12 18:49	
Dibromofluoromethane	99	86 - 112	05/21/12 18:49	
Toluene-d8	104	88 - 115	05/21/12 18:49	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 10:15
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13A	**Units:**	ug/L
Lab Code:	J1202313-006	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0200	0.00700	1	05/26/12 05:44	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0200	0.00700	1	05/26/12 05:44	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	82	70 - 130	05/26/12 05:44	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 10:15
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13A	**Basis:**	NA
Lab Code:	J1202313-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	**16.8**	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**10.9**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	0.04 U	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**3.4**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.4 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**19000**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**12.3**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	**4.0**	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 10:15
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13A	**Basis:**	NA
Lab Code:	J1202313-006		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**1.31**	mg/L	0.010	0.007	1	05/21/12 11:35	
Chloride	300.0	**18.1**	mg/L	0.50	0.11	1	05/16/12 19:04	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 19:04	
Solids, Total Dissolved	SM 2540 C	**119**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 09:45
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13B	**Units:**	ug/L
Lab Code:	J1202313-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U	1.00	0.190	1	05/21/12 19:19	
1,1,1-Trichloroethane (TCA)	0.170 U	1.00	0.170	1	05/21/12 19:19	
1,1,2,2-Tetrachloroethane	0.290 U	1.00	0.290	1	05/21/12 19:19	
1,1,2-Trichloroethane	0.400 U	1.00	0.400	1	05/21/12 19:19	
1,1-Dichloroethane (1,1-DCA)	0.300 U	1.00	0.300	1	05/21/12 19:19	
1,1-Dichloroethene (1,1-DCE)	0.160 U	1.00	0.160	1	05/21/12 19:19	
1,2,3-Trichloropropane	0.420 U	2.00	0.420	1	05/21/12 19:19	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U	5.00	2.30	1	05/21/12 19:19	
1,2-Dibromoethane (EDB)	0.460 U	1.00	0.460	1	05/21/12 19:19	
1,2-Dichlorobenzene	0.480 U	1.00	0.480	1	05/21/12 19:19	
1,2-Dichloroethane	0.220 U	1.00	0.220	1	05/21/12 19:19	
1,2-Dichloropropane	0.190 U	1.00	0.190	1	05/21/12 19:19	
1,4-Dichlorobenzene	0.160 U	1.00	0.160	1	05/21/12 19:19	
2-Butanone (MEK)	3.80 U	10.0	3.80	1	05/21/12 19:19	
2-Hexanone	2.20 U	25.0	2.20	1	05/21/12 19:19	
4-Methyl-2-pentanone (MIBK)	1.10 U	25.0	1.10	1	05/21/12 19:19	
Acetone	5.60 U	50.0	5.60	1	05/21/12 19:19	
Acrylonitrile	1.50 U	10.0	1.50	1	05/21/12 19:19	
Benzene	0.210 U	1.00	0.210	1	05/21/12 19:19	
Bromochloromethane	0.270 U	5.00	0.270	1	05/21/12 19:19	
Bromodichloromethane	0.220 U	1.00	0.220	1	05/21/12 19:19	
Bromoform	0.420 U	2.00	0.420	1	05/21/12 19:19	
Bromomethane	0.230 U	5.00	0.230	1	05/21/12 19:19	
Carbon Disulfide	2.40 U	10.0	2.40	1	05/21/12 19:19	
Carbon Tetrachloride	0.340 U	1.00	0.340	1	05/21/12 19:19	
Chlorobenzene	0.160 U	1.00	0.160	1	05/21/12 19:19	
Chloroethane	0.520 U	5.00	0.520	1	05/21/12 19:19	
Chloroform	0.350 U	1.00	0.350	1	05/21/12 19:19	
Chloromethane	0.360 U	1.00	0.360	1	05/21/12 19:19	
cis-1,2-Dichloroethene	0.360 U	1.00	0.360	1	05/21/12 19:19	
cis-1,3-Dichloropropene	0.200 U	1.00	0.200	1	05/21/12 19:19	
Dibromochloromethane	0.210 U	1.00	0.210	1	05/21/12 19:19	
Dibromomethane	0.360 U	5.00	0.360	1	05/21/12 19:19	
Ethylbenzene	0.210 U	1.00	0.210	1	05/21/12 19:19	
Iodomethane	2.70 U	5.00	2.70	1	05/21/12 19:19	
m,p-Xylenes	0.310 U	2.00	0.310	1	05/21/12 19:19	
Methylene Chloride	0.210 U	5.00	0.210	1	05/21/12 19:19	
o-Xylene	0.140 U	1.00	0.140	1	05/21/12 19:19	
Styrene	0.290 U	1.00	0.290	1	05/21/12 19:19	
Tetrachloroethene (PCE)	0.220 U	1.00	0.220	1	05/21/12 19:19	
Toluene	0.190 U	1.00	0.190	1	05/21/12 19:19	
trans-1,2-Dichloroethene	0.190 U	1.00	0.190	1	05/21/12 19:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 09:45
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13B	**Units:**	ug/L
Lab Code:	J1202313-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 19:19	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 19:19	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 19:19	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 19:19	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 19:19	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 19:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	101	72 - 121	05/21/12 19:19	
4-Bromofluorobenzene	104	86 - 113	05/21/12 19:19	
Dibromofluoromethane	97	86 - 112	05/21/12 19:19	
Toluene-d8	102	88 - 115	05/21/12 19:19	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 09:45
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13B	**Units:**	ug/L
Lab Code:	J1202313-007	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00705 U	0.0201	0.00705	1	05/26/12 06:04	5/25/12	
1,2-Dibromoethane (EDB)	0.00705 U	0.0201	0.00705	1	05/26/12 06:04	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	106	70 - 130	05/26/12 06:04	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 09:45
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13B	**Basis:**	NA
Lab Code:	J1202313-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	0.5 U	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	**18.3**	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	0.04 U	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	**0.6 I**	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	**0.3 I**	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**1530**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	**13.2**	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	0.3 U	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 09:45
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	MW-13B	**Basis:**	NA
Lab Code:	J1202313-007		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.149**	mg/L	0.010	0.007	1	05/21/12 11:36	
Chloride	300.0	**28.6**	mg/L	0.50	0.11	1	05/16/12 19:48	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 19:48	
Solids, Total Dissolved	SM 2540 C	**65**	mg/L	10	10	1	05/18/12 14:05	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 00:00
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J1202313-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U	1.00	0.190	1	05/21/12 19:47	
1,1,1-Trichloroethane (TCA)	0.170 U	1.00	0.170	1	05/21/12 19:47	
1,1,2,2-Tetrachloroethane	0.290 U	1.00	0.290	1	05/21/12 19:47	
1,1,2-Trichloroethane	0.400 U	1.00	0.400	1	05/21/12 19:47	
1,1-Dichloroethane (1,1-DCA)	0.300 U	1.00	0.300	1	05/21/12 19:47	
1,1-Dichloroethene (1,1-DCE)	0.160 U	1.00	0.160	1	05/21/12 19:47	
1,2,3-Trichloropropane	0.420 U	2.00	0.420	1	05/21/12 19:47	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U	5.00	2.30	1	05/21/12 19:47	
1,2-Dibromoethane (EDB)	0.460 U	1.00	0.460	1	05/21/12 19:47	
1,2-Dichlorobenzene	0.480 U	1.00	0.480	1	05/21/12 19:47	
1,2-Dichloroethane	0.220 U	1.00	0.220	1	05/21/12 19:47	
1,2-Dichloropropane	0.190 U	1.00	0.190	1	05/21/12 19:47	
1,4-Dichlorobenzene	0.160 U	1.00	0.160	1	05/21/12 19:47	
2-Butanone (MEK)	3.80 U	10.0	3.80	1	05/21/12 19:47	
2-Hexanone	2.20 U	25.0	2.20	1	05/21/12 19:47	
4-Methyl-2-pentanone (MIBK)	1.10 U	25.0	1.10	1	05/21/12 19:47	
Acetone	5.60 U	50.0	5.60	1	05/21/12 19:47	
Acrylonitrile	1.50 U	10.0	1.50	1	05/21/12 19:47	
Benzene	0.210 U	1.00	0.210	1	05/21/12 19:47	
Bromochloromethane	0.270 U	5.00	0.270	1	05/21/12 19:47	
Bromodichloromethane	0.220 U	1.00	0.220	1	05/21/12 19:47	
Bromoform	0.420 U	2.00	0.420	1	05/21/12 19:47	
Bromomethane	0.230 U	5.00	0.230	1	05/21/12 19:47	
Carbon Disulfide	2.40 U	10.0	2.40	1	05/21/12 19:47	
Carbon Tetrachloride	0.340 U	1.00	0.340	1	05/21/12 19:47	
Chlorobenzene	0.160 U	1.00	0.160	1	05/21/12 19:47	
Chloroethane	0.520 U	5.00	0.520	1	05/21/12 19:47	
Chloroform	0.350 U	1.00	0.350	1	05/21/12 19:47	
Chloromethane	0.360 U	1.00	0.360	1	05/21/12 19:47	
cis-1,2-Dichloroethene	0.360 U	1.00	0.360	1	05/21/12 19:47	
cis-1,3-Dichloropropene	0.200 U	1.00	0.200	1	05/21/12 19:47	
Dibromochloromethane	0.210 U	1.00	0.210	1	05/21/12 19:47	
Dibromomethane	0.360 U	5.00	0.360	1	05/21/12 19:47	
Ethylbenzene	0.210 U	1.00	0.210	1	05/21/12 19:47	
Iodomethane	2.70 U	5.00	2.70	1	05/21/12 19:47	
m,p-Xylenes	0.310 U	2.00	0.310	1	05/21/12 19:47	
Methylene Chloride	0.210 U	5.00	0.210	1	05/21/12 19:47	
o-Xylene	0.140 U	1.00	0.140	1	05/21/12 19:47	
Styrene	0.290 U	1.00	0.290	1	05/21/12 19:47	
Tetrachloroethene (PCE)	0.220 U	1.00	0.220	1	05/21/12 19:47	
Toluene	0.190 U	1.00	0.190	1	05/21/12 19:47	
trans-1,2-Dichloroethene	0.190 U	1.00	0.190	1	05/21/12 19:47	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12 00:00
Sample Matrix:	Water	**Date Received:**	05/16/12 09:50
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J1202313-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 19:47	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 19:47	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 19:47	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 19:47	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 19:47	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 19:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	72 - 121	05/21/12 19:47	
4-Bromofluorobenzene	107	86 - 113	05/21/12 19:47	
Dibromofluoromethane	100	86 - 112	05/21/12 19:47	
Toluene-d8	101	88 - 115	05/21/12 19:47	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1203129-02	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	0.190 U	1.00	0.190	1	05/21/12 13:48	
1,1,1-Trichloroethane (TCA)	0.170 U	1.00	0.170	1	05/21/12 13:48	
1,1,2,2-Tetrachloroethane	0.290 U	1.00	0.290	1	05/21/12 13:48	
1,1,2-Trichloroethane	0.400 U	1.00	0.400	1	05/21/12 13:48	
1,1-Dichloroethane (1,1-DCA)	0.300 U	1.00	0.300	1	05/21/12 13:48	
1,1-Dichloroethene (1,1-DCE)	0.160 U	1.00	0.160	1	05/21/12 13:48	
1,2,3-Trichloropropane	0.420 U	2.00	0.420	1	05/21/12 13:48	
1,2-Dibromo-3-chloropropane (DBCP)	2.30 U	5.00	2.30	1	05/21/12 13:48	
1,2-Dibromoethane (EDB)	0.460 U	1.00	0.460	1	05/21/12 13:48	
1,2-Dichlorobenzene	0.480 U	1.00	0.480	1	05/21/12 13:48	
1,2-Dichloroethane	0.220 U	1.00	0.220	1	05/21/12 13:48	
1,2-Dichloropropane	0.190 U	1.00	0.190	1	05/21/12 13:48	
1,4-Dichlorobenzene	0.160 U	1.00	0.160	1	05/21/12 13:48	
2-Butanone (MEK)	3.80 U	10.0	3.80	1	05/21/12 13:48	
2-Hexanone	2.20 U	25.0	2.20	1	05/21/12 13:48	
4-Methyl-2-pentanone (MIBK)	1.10 U	25.0	1.10	1	05/21/12 13:48	
Acetone	5.60 U	50.0	5.60	1	05/21/12 13:48	
Acrylonitrile	1.50 U	10.0	1.50	1	05/21/12 13:48	
Benzene	0.210 U	1.00	0.210	1	05/21/12 13:48	
Bromochloromethane	0.270 U	5.00	0.270	1	05/21/12 13:48	
Bromodichloromethane	0.220 U	1.00	0.220	1	05/21/12 13:48	
Bromoform	0.420 U	2.00	0.420	1	05/21/12 13:48	
Bromomethane	0.230 U	5.00	0.230	1	05/21/12 13:48	
Carbon Disulfide	2.40 U	10.0	2.40	1	05/21/12 13:48	
Carbon Tetrachloride	0.340 U	1.00	0.340	1	05/21/12 13:48	
Chlorobenzene	0.160 U	1.00	0.160	1	05/21/12 13:48	
Chloroethane	0.520 U	5.00	0.520	1	05/21/12 13:48	
Chloroform	0.350 U	1.00	0.350	1	05/21/12 13:48	
Chloromethane	0.360 U	1.00	0.360	1	05/21/12 13:48	
cis-1,2-Dichloroethene	0.360 U	1.00	0.360	1	05/21/12 13:48	
cis-1,3-Dichloropropene	0.200 U	1.00	0.200	1	05/21/12 13:48	
Dibromochloromethane	0.210 U	1.00	0.210	1	05/21/12 13:48	
Dibromomethane	0.360 U	5.00	0.360	1	05/21/12 13:48	
Ethylbenzene	0.210 U	1.00	0.210	1	05/21/12 13:48	
Iodomethane	2.70 U	5.00	2.70	1	05/21/12 13:48	
m,p-Xylenes	0.310 U	2.00	0.310	1	05/21/12 13:48	
Methylene Chloride	0.210 U	5.00	0.210	1	05/21/12 13:48	
o-Xylene	0.140 U	1.00	0.140	1	05/21/12 13:48	
Styrene	0.290 U	1.00	0.290	1	05/21/12 13:48	
Tetrachloroethene (PCE)	0.220 U	1.00	0.220	1	05/21/12 13:48	
Toluene	0.190 U	1.00	0.190	1	05/21/12 13:48	
trans-1,2-Dichloroethene	0.190 U	1.00	0.190	1	05/21/12 13:48	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1203129-02	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
trans-1,3-Dichloropropene	0.230 U	1.00	0.230	1	05/21/12 13:48	
trans-1,4-Dichloro-2-butene	2.20 U	20.0	2.20	1	05/21/12 13:48	
Trichloroethene (TCE)	0.360 U	1.00	0.360	1	05/21/12 13:48	
Trichlorofluoromethane	0.240 U	20.0	0.240	1	05/21/12 13:48	
Vinyl Acetate	1.90 U	10.0	1.90	1	05/21/12 13:48	
Vinyl Chloride	0.360 U	1.00	0.360	1	05/21/12 13:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	101	72 - 121	05/21/12 13:48	
4-Bromofluorobenzene	105	86 - 113	05/21/12 13:48	
Dibromofluoromethane	101	86 - 112	05/21/12 13:48	
Toluene-d8	99	88 - 115	05/21/12 13:48	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1203265-01	**Basis:**	NA

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2-Dibromo-3-chloropropane (DBCP)	0.00700 U	0.0200	0.00700	1	05/26/12 00:04	5/25/12	
1,2-Dibromoethane (EDB)	0.00700 U	0.0200	0.00700	1	05/26/12 00:04	5/25/12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	161	70 - 130	05/26/12 00:04	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J1202313-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Arsenic, Total Recoverable	6020	0.5 U	ug/L	1.0	0.5	1	05/17/12	5/16/12	
Barium, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Beryllium, Total Recoverable	6020	0.04 U	ug/L	0.50	0.04	1	05/17/12	5/16/12	
Cadmium, Total Recoverable	6020	0.10 U	ug/L	0.40	0.10	1	05/17/12	5/16/12	
Chromium, Total Recoverable	6020	0.2 U	ug/L	1.0	0.2	1	05/17/12	5/16/12	
Cobalt, Total Recoverable	6020	0.03 U	ug/L	1.0	0.03	1	05/17/12	5/16/12	
Copper, Total Recoverable	6020	0.3 U	ug/L	1.0	0.3	1	05/17/12	5/16/12	
Iron, Total Recoverable	6010B	**3 I**	ug/L	100	3	1	05/17/12	5/17/12	
Lead, Total Recoverable	6020	0.12 U	ug/L	0.50	0.12	1	05/17/12	5/16/12	
Mercury, Total	7470A	0.02 U	ug/L	0.10	0.02	1	05/18/12	5/17/12	
Nickel, Total Recoverable	6020	0.5 U	ug/L	2.0	0.5	1	05/17/12	5/16/12	
Selenium, Total Recoverable	6020	1.1 U	ug/L	2.0	1.1	1	05/17/12	5/16/12	
Silver, Total Recoverable	6020	0.06 U	ug/L	0.50	0.06	1	05/17/12	5/16/12	
Sodium, Total Recoverable	6010B	0.03 U	mg/L	0.50	0.03	1	05/17/12	5/17/12	
Thallium, Total Recoverable	6020	0.05 U	ug/L	0.20	0.05	1	05/17/12	5/16/12	
Vanadium, Total Recoverable	6020	0.3 U	ug/L	2.0	0.3	1	05/17/12	5/16/12	
Zinc, Total Recoverable	6020	1.6 U	ug/L	5.0	1.6	1	05/17/12	5/16/12	

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J1202313-MB		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	0.007 U	mg/L	0.010	0.007	1	05/21/12 11:06	
Chloride	300.0	0.11 U	mg/L	0.50	0.11	1	05/16/12 16:49	
Nitrate as Nitrogen	300.0	0.03 U	mg/L	0.20	0.03	1	05/16/12 16:49	
Solids, Total Dissolved	SM 2540 C	10 U	mg/L	10	10	1	05/18/12 14:05	

Client: Waste Services of Florida, Inc. **Service Request:** J1202313
Project: JED SWDF
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Sample Name	Lab Code	1,2-Dichloroethane-d4 72 - 121	4-Bromofluorobenzene 86 - 113	Dibromofluoromethane 86 - 112
MW-10B	J1202313-001	102	105	101
MW-11A	J1202313-002	100	105	101
MW-11B	J1202313-003	99	108	101
MW-12A	J1202313-004	100	105	99
MW-12B	J1202313-005	100	102	101
MW-13A	J1202313-006	100	106	99
MW-13B	J1202313-007	101	104	97
Trip Blank	J1202313-008	99	107	100
Lab Control Sample	JQ1203129-01	99	104	100
Method Blank	JQ1203129-02	101	105	101

QA/QC Report

Client: Waste Services of Florida, Inc. **Service Request:** J1202313
Project: JED SWDF
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Sample Name	Lab Code	Toluene-d8 88 - 115
MW-10B	J1202313-001	105
MW-11A	J1202313-002	102
MW-11B	J1202313-003	104
MW-12A	J1202313-004	106
MW-12B	J1202313-005	103
MW-13A	J1202313-006	104
MW-13B	J1202313-007	102
Trip Blank	J1202313-008	101
Lab Control Sample	JQ1203129-01	103
Method Blank	JQ1203129-02	99

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Analyzed: 05/21/12

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Units: ug/L
Basis: NA
Analysis Lot: 292494

Lab Control Sample
JQ1203129-01

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1,2-Tetrachloroethane	21.5	20.0	108	77-118
1,1,1-Trichloroethane (TCA)	20.5	20.0	103	70-122
1,1,2,2-Tetrachloroethane	21.9	20.0	110	66-135
1,1,2-Trichloroethane	20.4	20.0	102	75-122
1,1-Dichloroethane (1,1-DCA)	19.7	20.0	98	79-117
1,1-Dichloroethene (1,1-DCE)	21.2	20.0	106	72-128
1,2,3-Trichloropropane	20.0	20.0	100	70-123
1,2-Dibromo-3-chloropropane (DBCP)	19.7	20.0	99	60-122
1,2-Dibromoethane (EDB)	21.1	20.0	105	76-118
1,2-Dichlorobenzene	19.7	20.0	99	81-115
1,2-Dichloroethane	19.3	20.0	97	70-117
1,2-Dichloropropane	20.4	20.0	102	79-117
1,4-Dichlorobenzene	20.0	20.0	100	82-115
2-Butanone (MEK)	104	100	104	62-138
2-Hexanone	107	100	107	74-127
4-Methyl-2-pentanone (MIBK)	103	100	103	77-120
Acetone	94.3	100	94	42-161
Acrylonitrile	101	100	101	63-132
Benzene	20.0	20.0	100	80-117
Bromochloromethane	20.3	20.0	102	78-118
Bromodichloromethane	20.3	20.0	102	75-118
Bromoform	23.3	20.0	116	63-121
Bromomethane	21.7	20.0	108	31-153
Carbon Disulfide	107	100	107	72-128
Carbon Tetrachloride	20.2	20.0	101	67-124
Chlorobenzene	21.5	20.0	107	83-118
Chloroethane	21.2	20.0	106	68-132
Chloroform	20.0	20.0	100	77-116
Chloromethane	19.2	20.0	96	60-128
cis-1,2-Dichloroethene	19.8	20.0	99	78-117
cis-1,3-Dichloropropene	22.0	20.0	110	80-119
Dibromochloromethane	21.7	20.0	108	74-121
Dibromomethane	20.3	20.0	102	76-117
Ethylbenzene	21.4	20.0	107	82-119
Iodomethane	104	100	104	51-137
m,p-Xylenes	41.9	40.0	105	79-122
Methylene Chloride	19.2	20.0	96	75-123
o-Xylene	21.8	20.0	109	80-119
Styrene	21.6	20.0	108	80-121
Tetrachloroethene (PCE)	21.6	20.0	108	75-126
Toluene	21.6	20.0	108	52-152

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Analyzed: 05/21/12

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Units: ug/L
Basis: NA
Analysis Lot: 292494

Lab Control Sample
JQ1203129-01

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	20.0	20.0	100	75-121
trans-1,3-Dichloropropene	22.7	20.0	113	76-118
trans-1,4-Dichloro-2-butene	23.8	20.0	119	10-198
Trichloroethene (TCE)	20.5	20.0	103	78-122
Trichlorofluoromethane	21.1	20.0	105	58-134
Vinyl Acetate	106	100	106	36-169
Vinyl Chloride	21.9	20.0	110	69-138

QA/QC Report

Client: Waste Services of Florida, Inc. **Service Request:** J1202313
Project: JED SWDF
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method: 8011
Extraction Method: Method

Sample Name	Lab Code	1,1,1,2-Tetrachloroethane 70 - 130
MW-10B	J1202313-001	76
MW-11A	J1202313-002	63
MW-11B	J1202313-003	73
MW-12A	J1202313-004	102
MW-12B	J1202313-005	98
MW-13A	J1202313-006	82
MW-13B	J1202313-007	106
Method Blank	JQ1203265-01	161
Lab Control Sample	JQ1203265-02	101

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Analyzed:**	05/26/12
Sample Matrix:	Water	**Date Extracted:**	05/25/12

Lab Control Sample Summary
1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography

Analysis Method:	8011	**Units:**	ug/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	293716

Lab Control Sample
JQ1203265-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,2-Dibromo-3-chloropropane (DBCP)	0.249	0.250	100	70-130
1,2-Dibromoethane (EDB)	0.225	0.250	90	70-130

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12
Sample Matrix:	Water	**Date Received:**	05/16/12
		Date Analyzed:	5/17/12

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	MW-11A	**Units:**	ug/L
Lab Code:	J1202313-002	**Basis:**	NA

			Matrix Spike			Duplicate Matrix Spike					
			J1202313-002MS2			J1202313-002DMS2					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Iron, Total Recoverable	6010B	8740	13700	5000	98	13600	5000	96	75-125	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12
Sample Matrix:	Water	**Date Received:**	05/16/12
		Date Analyzed:	5/17/12

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	MW-11A	**Units:**	mg/L
Lab Code:	J1202313-002	**Basis:**	NA

			Matrix Spike			Duplicate Matrix Spike					
			J1202313-002MS2			J1202313-002DMS2					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sodium, Total Recoverable	6010B	29.3	54.1	25.0	99	54.0	25.0	99	75-125	<1	20

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

QA/QC Report

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Collected: 05/15/12
Date Received: 05/16/12
Date Analyzed: 05/17/12 - 05/18/12

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: MW-10B
Lab Code: J1202313-001

Units: ug/L
Basis: NA

			Matrix Spike J1202313-001MS1			Duplicate Matrix Spike J1202313-001DMS1					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Antimony, Total Recoverable	6020	0.2	51.3	50.0	103	50.3	50.0	101	75-125	2	20
Arsenic, Total Recoverable	6020	0.7	51.0	50.0	101	50.7	50.0	100	75-125	<1	20
Barium, Total Recoverable	6020	69.2	122	50.0	106	118	50.0	98	75-125	3	20
Beryllium, Total Recoverable	6020	0.21	48.0	50.0	96	48.5	50.0	97	75-125	1	20
Cadmium, Total Recoverable	6020	0.10	50.3	50.0	101	50.2	50.0	100	75-125	<1	20
Chromium, Total Recoverable	6020	1.0	51.6	50.0	101	51.0	50.0	100	75-125	1	20
Cobalt, Total Recoverable	6020	2.4	53.2	50.0	102	52.9	50.0	101	75-125	<1	20
Copper, Total Recoverable	6020	0.3	48.3	50.0	97	49.0	50.0	98	75-125	1	20
Lead, Total Recoverable	6020	0.12	49.9	50.0	100	49.4	50.0	99	75-125	<1	20
Mercury, Total	7470A	0.02	1.1	1.25	85	1.1	1.25	85	75-125	<1	20
Nickel, Total Recoverable	6020	1.1	52.0	50.0	102	50.7	50.0	99	75-125	3	20
Selenium, Total Recoverable	6020	1.1	24.3	50.0	49 *	24.3	50.0	49 *	75-125	<1	20
Silver, Total Recoverable	6020	0.06	49.4	50.0	99	49.1	50.0	98	75-125	<1	20
Thallium, Total Recoverable	6020	0.05	50.0	50.0	100	49.1	50.0	98	75-125	2	20
Vanadium, Total Recoverable	6020	1.5	52.2	50.0	101	51.7	50.0	100	75-125	<1	20
Zinc, Total Recoverable	6020	1.6	98.4	100	98	97.9	100	98	75-125	<1	20

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Analyzed: 05/17/12 - 05/18/12

Lab Control Sample Summary
Inorganic Parameters

Units: ug/L
Basis: NA

Lab Control Sample
J1202313-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Antimony, Total Recoverable	6020	52.2	50.0	104	80-120
Arsenic, Total Recoverable	6020	50.7	50.0	101	80-120
Barium, Total Recoverable	6020	50.9	50.0	102	80-120
Beryllium, Total Recoverable	6020	50.9	50.0	102	80-120
Cadmium, Total Recoverable	6020	51.1	50.0	102	80-120
Chromium, Total Recoverable	6020	51.6	50.0	103	80-120
Cobalt, Total Recoverable	6020	51.4	50.0	103	80-120
Copper, Total Recoverable	6020	50.5	50.0	101	80-120
Iron, Total Recoverable	6010B	4910	5000	98	80-120
Lead, Total Recoverable	6020	52.3	50.0	105	80-120
Mercury, Total	7470A	1.15	1.25	92	80-120
Nickel, Total Recoverable	6020	51.2	50.0	102	80-120
Selenium, Total Recoverable	6020	49.7	50.0	99	80-120
Silver, Total Recoverable	6020	51.4	50.0	103	80-120
Thallium, Total Recoverable	6020	52.0	50.0	104	80-120
Vanadium, Total Recoverable	6020	50.1	50.0	100	80-120
Zinc, Total Recoverable	6020	102	100	102	80-120

Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Analyzed: 5/17/12

Lab Control Sample Summary
Inorganic Parameters

Units: mg/L
Basis: NA

Lab Control Sample
J1202313-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Sodium, Total Recoverable	6010B	25.2	25.0	101	80-120

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project	JED SWDF	**Date Collected:**	05/15/12
Sample Matrix:	Water	**Date Received:**	05/16/12
		Date Analyzed:	05/16/12 - 05/21/12

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	MW-10B	**Units:**	mg/L
Lab Code:	J1202313-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample J1202313-001DUP Result	Average	RPD	RPD Limit
Ammonia as Nitrogen	350.1	0.010	0.007	0.333	0.337	0.335	1	20
Chloride	300.0	0.50	0.11	38.5	38.5	38.5	<1	20
Nitrate as Nitrogen	300.0	0.20	0.03	0.03	0.03	NC	NC	20

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QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1202313
Project:	JED SWDF	**Date Collected:**	05/15/12
Sample Matrix:	Water	**Date Received:**	05/16/12
		Date Analyzed:	05/16/12 - 05/21/12

Matrix Spike Summary
Ammonia as Nitrogen

Sample Name:	MW-10B	**Units:**	mg/L
Lab Code:	J1202313-001	**Basis:**	NA

Matrix Spike
J1202313-001MS

Analyte Name	Method	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Ammonia as Nitrogen	350.1	0.333	1.29	1.00	96	90-110
Chloride	300.0	38.5	88.4	50.0	100	90-110
Nitrate as Nitrogen	300.0	0.03	4.97	5.00	99	90-110

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Client: Waste Services of Florida, Inc.
Project: JED SWDF
Sample Matrix: Water

Service Request: J1202313
Date Analyzed: 05/16/12 - 05/21/12

Lab Control Sample Summary
General Chemistry Parameters

Units: mg/L
Basis: NA

Lab Control Sample
J1202313-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Ammonia as Nitrogen	350.1	0.981	1.00	98	90-110
Chloride	300.0	52.5	50.0	105	90-110
Nitrate as Nitrogen	300.0	5.16	5.00	103	90-110
Solids, Total Dissolved	SM 2540 C	298	300	99	85-115

ALS Environmental

Cooler Receipt Form

Client: WSI Service Request #: J1202313

Project: JED SWDP

Cooler received on 5-16-12 and opened on 5-16-12 by SC

COURIER: ALS (UPS) FEDEX Client Other _____ Airbill # 1Z X5W 098 2210 0167 45

1	Were custody seals on outside of cooler?	(Yes)	No					
	If yes, how many and where?	#: 1	(on lid)	other				
2	Were seals intact and signature and date correct?	(Yes)	No	N/A				
3	Were custody papers properly filled out?	(Yes)	No	N/A				
4	Temperature of cooler(s) upon receipt (Should be > 0°C and < 6°C)	4.8						
5	Thermometer ID	TM						
6	Temperature Blank Present?	(Yes)	No					
7	Were Ice or Ice Packs present	(Ice)	Ice Packs	No				
8	Did all bottles arrive in good condition (unbroken, etc....)?	(Yes)	No	N/A				
9	Type of packing material present	Netting	Vial Holder	(Bubble Wrap)				
		Paper	Styrofoam	Other	N/A			
10	Were all bottle labels complete (sample ID, preservation, etc....)?	(Yes)	No	N/A				
11	Did all bottle labels and tags agree with custody papers?	(Yes)	No	N/A				
12	Were the correct bottles used for the tests indicated?	(Yes)	No	N/A				
13	Were all of the preserved bottles received with the appropriate preservative?	(Yes)	No	N/A				
	(HNO3 pH<2) (H2SO4 pH<2) ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2							
	Preservative additions noted below							
14	Were all samples received within analysis holding times?	(Yes)	No	N/A				
15	Were all VOA vials free of air bubbles? If present, note below	(Yes)	No	N/A				
16	Where did the bottles originate?	(ALS)	Client					

Sample ID	Reagent	Lot #	ml added	Initials Date/Time

Additional comments and/or explanation of all discrepancies noted above:

Client approval to run samples if discrepancies noted: Date:

Columbia Analytical Services — CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011 PAGE 1 OF 1

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SR # J1202313 CAS Contact

Project Name: JED SWDF	Project Number:
Project Manager: Joe Terry	Email Address: jterry@wsii.us
Company/Address: WSI	
11500 43rd St. N.	
Clearwater, FL 33762	
Phone #: 813-943-8633	FAX#
Sampler's Signature: Joe Terry	Sampler's Printed Name: Joe Terry

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 3 2 0

J1202313 5
Waste Services of Florida, Inc.
JED SWDF

1. HNO3
2. H2SO4
3. NaOH
4. Zn. Acetate
5. MeOH
6. NaHSO4
7. Other _____

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	8260	8011	NH3	metals	TDS, Cl, NO3	REMARKS/ ALTERNATE DESCRIPTION
MW-10B		5.15.12	1440	GW	9	3	3	1	1	1	
MW-11A			1330								
MW-11B			1255								
MW-12A			1150								
MW-12B			1120								
MW-13A			1015								
MW-13B		5.15.12	0945	GW	9	3	3	1	1	1	
Trip Blank		4-27-12	0830	DI H2O	2	2					

SPECIAL INSTRUCTIONS/COMMENTS:

Cooler ID: 12136-JED

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
X II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Joe Terry	Signature: Shawn Lightsey	Signature	Signature	Signature	Signature
Printed Name: Joe Terry	Printed Name: Shawn Lightsey	Printed Name	Printed Name	Printed Name	Printed Name
Firm: WSI	Firm: ACS	Firm	Firm	Firm	Firm
Date/Time: 5-15-12/1600	Date/Time: 5-16-12 0930	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Retained by Client

JSCOC-3/11