Columbia Analytical Services
9143 Philips Highway, Jacksonville, FL 32256 | 904-739-2277 | www.caslab.com

December 15, 2011 Service Request No: J1105006

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 November 09, 2011
For your reference, these analyses have been assigned our service request number **J1105006.**

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.

Craig Myers
Project Manager

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

Service Request: J1105006
Date Received: 11/09/11

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

Eight water samples and one trip blank were received for analysis at Columbia Analytical Services on 11/09/11. 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 were stored at room temperature.

Volatile Organic Analyses:

No problems were observed with this delivery group.

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 lower control criterion was exceeded for the following analyte in the Continuing Calibration Verification (CCV): 1,2-Dibromo-3-chloropropane. The analyte in question was not detected in the associated field samples. Since the analytes was detected in the MRL check standard, instrument sensitivity was documented. The data quality was not significantly affected and no further corrective action was taken.

Method 8011: The control criterion was exceeded for the following surrogate in the Continuing Calibration Verification (CCV): 1,1,1,2 Tetrachloroethane. The surrogate in question was within acceptance criteria for the associated field samples. The data quality was not significantly affected and no further corrective action was taken.

Metals Analyses:

Method 6020: The matrix spike recoveries of Selenium for samples MW-19A and MW-23A 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 problems were observed with this delivery group.

Approved by _____ Date 12/15/2011

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	12/31/2011
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
Texas Commision on Environmental Quality	T104704197-09-TX	5/31/2012
Maine Department of Health and Human Services	2011006	2/3/2013
Department of Defense	66206	5/11/2012
New York Department of Health	11962	4/1/2012

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:** J1105006
Project: JED SWDF

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J1105006-001	MW-16A	11/8/2011	1158
J1105006-002	MW-16B	11/8/2011	1230
J1105006-003	MW-16C	11/8/2011	1115
J1105006-004	MW-19A	11/8/2011	1500
J1105006-005	MW-19C	11/8/2011	1530
J1105006-006	MW-23A	11/8/2011	0920
J1105006-007	MW-23C	11/8/2011	0815
J1105006-008	Equipment Blank-1	11/8/2011	1250
J1105006-009	Trip Blank	11/8/2011	0000

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:58
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16A	**Units:**	ug/L
Lab Code:	J1105006-001	**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	ND	U	1.00	0.190	1	11/21/11 19:08	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 19:08	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 19:08	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 19:08	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 19:08	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 19:08	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 19:08	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 19:08	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 19:08	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 19:08	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 19:08	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 19:08	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 19:08	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 19:08	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 19:08	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 19:08	
Acetone	ND	U	50.0	5.60	1	11/21/11 19:08	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 19:08	
Benzene	ND	U	1.00	0.210	1	11/21/11 19:08	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 19:08	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 19:08	
Bromoform	ND	U	2.00	0.420	1	11/21/11 19:08	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 19:08	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 19:08	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 19:08	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 19:08	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 19:08	
Chloroform	ND	U	1.00	0.350	1	11/21/11 19:08	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 19:08	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 19:08	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 19:08	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 19:08	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 19:08	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 19:08	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 19:08	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 19:08	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 19:08	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 19:08	
Styrene	ND	U	1.00	0.290	1	11/21/11 19:08	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 19:08	
Toluene	ND	U	1.00	0.190	1	11/21/11 19:08	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 19:08	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 19:08	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:58
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16A	**Units:**	ug/L
Lab Code:	J1105006-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 19:08	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 19:08	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 19:08	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 19:08	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 19:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	68 - 118	11/21/11 19:08	
4-Bromofluorobenzene	107	78 - 129	11/21/11 19:08	
Dibromofluoromethane	102	80 - 114	11/21/11 19:08	
Toluene-d8	104	87 - 118	11/21/11 19:08	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:58
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16A	**Units:**	ug/L
Lab Code:	J1105006-001	**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)	ND	U	0.0208	0.00333	1	11/16/11 18:32	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0208	0.0167	1	11/16/11 18:32	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	104	77 - 150	11/16/11 18:32	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:58
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16A	**Basis:**	NA
Lab Code:	J1105006-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	**0.8**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	**11.6**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	**0.05**	**I**	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**1.5**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	**0.08**	**I**	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	**0.4**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	**90**	**I**	ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	**0.43**	**I**	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	**0.04**	**I**	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	**1.1**	**I**	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**1.73**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	**9.1**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**1.3**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:58
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16A	**Basis:**	NA
Lab Code:	J1105006-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.018**		mg/L	0.010	0.005	1	11/10/11 16:59	
Chloride	300.0	**1.59**		mg/L	0.50	0.07	1	11/09/11 14:09	
Nitrate as Nitrogen	300.0	**0.17**	**I**	mg/L	0.20	0.03	1	11/09/11 14:09	
Solids, Total Dissolved	SM 2540 C	**32**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16B	**Units:**	ug/L
Lab Code:	J1105006-002	**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	ND	U	1.00	0.190	1	11/21/11 18:39	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 18:39	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 18:39	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 18:39	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 18:39	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 18:39	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 18:39	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 18:39	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 18:39	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 18:39	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 18:39	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 18:39	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 18:39	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 18:39	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 18:39	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 18:39	
Acetone	ND	U	50.0	5.60	1	11/21/11 18:39	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 18:39	
Benzene	ND	U	1.00	0.210	1	11/21/11 18:39	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 18:39	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 18:39	
Bromoform	ND	U	2.00	0.420	1	11/21/11 18:39	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 18:39	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 18:39	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 18:39	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 18:39	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 18:39	
Chloroform	ND	U	1.00	0.350	1	11/21/11 18:39	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 18:39	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 18:39	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 18:39	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 18:39	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 18:39	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 18:39	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 18:39	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 18:39	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 18:39	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 18:39	
Styrene	ND	U	1.00	0.290	1	11/21/11 18:39	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 18:39	
Toluene	ND	U	1.00	0.190	1	11/21/11 18:39	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 18:39	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 18:39	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16B	**Units:**	ug/L
Lab Code:	J1105006-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 18:39	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 18:39	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 18:39	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 18:39	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 18:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	96	68 - 118	11/21/11 18:39	
4-Bromofluorobenzene	108	78 - 129	11/21/11 18:39	
Dibromofluoromethane	101	80 - 114	11/21/11 18:39	
Toluene-d8	99	87 - 118	11/21/11 18:39	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16B	**Units:**	ug/L
Lab Code:	J1105006-002	**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)	ND	U	0.0204	0.00327	1	11/16/11 18:52	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0204	0.0164	1	11/16/11 18:52	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	114	77 - 150	11/16/11 18:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16B	**Basis:**	NA
Lab Code:	J1105006-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	**17.0**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	**0.04**	**I**	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**1.5**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	**0.2**	**I**	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	**0.5**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	**890**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	**1.08**		ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	**0.05**	**I**	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**5.73**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	**1.7**	**I**	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**1.5**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16B	**Basis:**	NA
Lab Code:	J1105006-002		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.124**		mg/L	0.010	0.005	1	11/10/11 17:02	
Chloride	300.0	**2.57**		mg/L	0.50	0.07	1	11/09/11 14:24	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 14:24	
Solids, Total Dissolved	SM 2540 C	**22**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16C	**Units:**	ug/L
Lab Code:	J1105006-003	**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	ND	U	1.00	0.190	1	11/21/11 18:09	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 18:09	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 18:09	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 18:09	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 18:09	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 18:09	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 18:09	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 18:09	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 18:09	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 18:09	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 18:09	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 18:09	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 18:09	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 18:09	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 18:09	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 18:09	
Acetone	ND	U	50.0	5.60	1	11/21/11 18:09	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 18:09	
Benzene	ND	U	1.00	0.210	1	11/21/11 18:09	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 18:09	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 18:09	
Bromoform	ND	U	2.00	0.420	1	11/21/11 18:09	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 18:09	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 18:09	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 18:09	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 18:09	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 18:09	
Chloroform	ND	U	1.00	0.350	1	11/21/11 18:09	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 18:09	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 18:09	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 18:09	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 18:09	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 18:09	
Ethylbenzene	**1.16**		1.00	0.210	1	11/21/11 18:09	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 18:09	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 18:09	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 18:09	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 18:09	
Styrene	ND	U	1.00	0.290	1	11/21/11 18:09	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 18:09	
Toluene	ND	U	1.00	0.190	1	11/21/11 18:09	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 18:09	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 18:09	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16C	**Units:**	ug/L
Lab Code:	J1105006-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 18:09	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 18:09	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 18:09	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 18:09	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 18:09	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	94	68 - 118	11/21/11 18:09	
4-Bromofluorobenzene	107	78 - 129	11/21/11 18:09	
Dibromofluoromethane	98	80 - 114	11/21/11 18:09	
Toluene-d8	103	87 - 118	11/21/11 18:09	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16C	**Units:**	ug/L
Lab Code:	J1105006-003	**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)	ND	U	0.0203	0.00325	1	11/16/11 19:32	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0203	0.0163	1	11/16/11 19:32	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	106	77 - 150	11/16/11 19:32	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16C	**Basis:**	NA
Lab Code:	J1105006-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	**14.1**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	**0.07**	**I**	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**0.7**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	**0.2**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	**910**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	ND	U	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**12.9**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	**0.9**	**I**	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**1.5**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 11:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-16C	**Basis:**	NA
Lab Code:	J1105006-003		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.123**		mg/L	0.010	0.005	1	11/10/11 17:03	
Chloride	300.0	**20.5**		mg/L	0.50	0.07	1	11/09/11 14:39	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 14:39	
Solids, Total Dissolved	SM 2540 C	**73**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19A	**Units:**	ug/L
Lab Code:	J1105006-004	**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	ND	U	1.00	0.190	1	11/21/11 17:40	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 17:40	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 17:40	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 17:40	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 17:40	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 17:40	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 17:40	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 17:40	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 17:40	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 17:40	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 17:40	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 17:40	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 17:40	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 17:40	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 17:40	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 17:40	
Acetone	ND	U	50.0	5.60	1	11/21/11 17:40	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 17:40	
Benzene	ND	U	1.00	0.210	1	11/21/11 17:40	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 17:40	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 17:40	
Bromoform	ND	U	2.00	0.420	1	11/21/11 17:40	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 17:40	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 17:40	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 17:40	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 17:40	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 17:40	
Chloroform	ND	U	1.00	0.350	1	11/21/11 17:40	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 17:40	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 17:40	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 17:40	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 17:40	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 17:40	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 17:40	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 17:40	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 17:40	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 17:40	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 17:40	
Styrene	ND	U	1.00	0.290	1	11/21/11 17:40	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 17:40	
Toluene	**0.900**	**I**	1.00	0.190	1	11/21/11 17:40	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 17:40	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 17:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19A	**Units:**	ug/L
Lab Code:	J1105006-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 17:40	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 17:40	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 17:40	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 17:40	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 17:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	68 - 118	11/21/11 17:40	
4-Bromofluorobenzene	105	78 - 129	11/21/11 17:40	
Dibromofluoromethane	101	80 - 114	11/21/11 17:40	
Toluene-d8	101	87 - 118	11/21/11 17:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19A	**Units:**	ug/L
Lab Code:	J1105006-004	**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)	ND	U	0.0207	0.00332	1	11/16/11 19:52	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0207	0.0166	1	11/16/11 19:52	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	110	77 - 150	11/16/11 19:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19A	**Basis:**	NA
Lab Code:	J1105006-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Dissolved	6020	**7.2**		ug/L	1.0	0.5	1	11/17/11	11/14/11	
Arsenic, Total Recoverable	6020	**7.7**		ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Dissolved	6020	**21.9**		ug/L	2.0	0.4	1	11/17/11	11/14/11	
Barium, Total Recoverable	6020	**35.2**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Dissolved	6020	**0.24**	**I**	ug/L	0.50	0.04	1	11/17/11	11/14/11	
Beryllium, Total Recoverable	6020	**0.65**		ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Dissolved	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/14/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Dissolved	6020	**12.1**		ug/L	1.0	0.2	1	11/17/11	11/14/11	
Chromium, Total Recoverable	6020	**26.7**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Dissolved	6020	**0.8**	**I**	ug/L	1.0	0.06	1	11/17/11	11/14/11	
Cobalt, Total Recoverable	6020	**1.2**		ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Dissolved	6020	**1.9**		ug/L	1.0	0.2	1	11/17/11	11/14/11	
Copper, Total Recoverable	6020	**1.4**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Dissolved	6010B	**5580**		ug/L	100	20	1	11/11/11	11/10/11	
Iron, Total Recoverable	6010B	**8280**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Dissolved	6020	**1.83**		ug/L	0.50	0.06	1	11/17/11	11/14/11	
Lead, Total Recoverable	6020	**7.01**		ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Dissolved	7470A	**0.02**	**I**	ug/L	0.10	0.02	1	11/10/11	11/10/11	
Mercury, Total	7470A	**0.29**		ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Dissolved	6020	**3.3**		ug/L	2.0	0.8	1	11/17/11	11/14/11	
Nickel, Total Recoverable	6020	**3.9**		ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Dissolved	6020	**1.3**	**I**	ug/L	2.0	1.1	1	11/17/11	11/14/11	
Selenium, Total Recoverable	6020	**4.1**		ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Dissolved	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/14/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Dissolved	6010B	**21.1**		mg/L	0.50	0.02	1	11/11/11	11/10/11	
Sodium, Total Recoverable	6010B	**19.5**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Dissolved	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/14/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Dissolved	6020	**14.6**		ug/L	2.0	0.4	1	11/17/11	11/14/11	
Vanadium, Total Recoverable	6020	**23.3**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Dissolved	6020	**5.2**		ug/L	5.0	0.9	1	11/17/11	11/14/11	
Zinc, Total Recoverable	6020	**2.9**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19A	**Basis:**	NA
Lab Code:	J1105006-004		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**13.6**		mg/L	0.050	0.025	5	11/10/11 17:22	
Chloride	300.0	**22.0**		mg/L	0.50	0.07	1	11/09/11 15:24	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 15:24	
Solids, Total Dissolved	SM 2540 C	**632**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19C	**Units:**	ug/L
Lab Code:	J1105006-005	**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	ND	U	1.00	0.190	1	11/21/11 17:10	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 17:10	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 17:10	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 17:10	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 17:10	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 17:10	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 17:10	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 17:10	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 17:10	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 17:10	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 17:10	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 17:10	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 17:10	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 17:10	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 17:10	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 17:10	
Acetone	ND	U	50.0	5.60	1	11/21/11 17:10	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 17:10	
Benzene	ND	U	1.00	0.210	1	11/21/11 17:10	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 17:10	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 17:10	
Bromoform	ND	U	2.00	0.420	1	11/21/11 17:10	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 17:10	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 17:10	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 17:10	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 17:10	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 17:10	
Chloroform	ND	U	1.00	0.350	1	11/21/11 17:10	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 17:10	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 17:10	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 17:10	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 17:10	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 17:10	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 17:10	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 17:10	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 17:10	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 17:10	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 17:10	
Styrene	ND	U	1.00	0.290	1	11/21/11 17:10	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 17:10	
Toluene	ND	U	1.00	0.190	1	11/21/11 17:10	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 17:10	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 17:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19C	**Units:**	ug/L
Lab Code:	J1105006-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 17:10	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 17:10	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 17:10	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 17:10	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 17:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	93	68 - 118	11/21/11 17:10	
4-Bromofluorobenzene	107	78 - 129	11/21/11 17:10	
Dibromofluoromethane	97	80 - 114	11/21/11 17:10	
Toluene-d8	103	87 - 118	11/21/11 17:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19C	**Units:**	ug/L
Lab Code:	J1105006-005	**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)	ND	U	0.0205	0.00328	1	11/16/11 20:11	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0205	0.0164	1	11/16/11 20:11	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	107	77 - 150	11/16/11 20:11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19C	**Basis:**	NA
Lab Code:	J1105006-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	**0.2**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	**47.9**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	**0.28**	**I**	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**2.7**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	**0.07**	**I**	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	**0.5**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	**940**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	**0.36**	**I**	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	**0.03**	**I**	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**9.93**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	**3.2**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**2.2**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 15:30
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-19C	**Basis:**	NA
Lab Code:	J1105006-005		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.064**		mg/L	0.010	0.005	1	11/10/11 17:22	
Chloride	300.0	**17.0**		mg/L	0.50	0.07	1	11/09/11 15:39	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 15:39	
Solids, Total Dissolved	SM 2540 C	**66**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 09:20
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23A	**Units:**	ug/L
Lab Code:	J1105006-006	**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	ND	U	1.00	0.190	1	11/21/11 16:40	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 16:40	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 16:40	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 16:40	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 16:40	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 16:40	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 16:40	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 16:40	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 16:40	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 16:40	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 16:40	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 16:40	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 16:40	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 16:40	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 16:40	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 16:40	
Acetone	ND	U	50.0	5.60	1	11/21/11 16:40	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 16:40	
Benzene	**0.410**	**I**	1.00	0.210	1	11/21/11 16:40	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 16:40	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 16:40	
Bromoform	ND	U	2.00	0.420	1	11/21/11 16:40	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 16:40	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 16:40	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 16:40	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 16:40	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 16:40	
Chloroform	ND	U	1.00	0.350	1	11/21/11 16:40	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 16:40	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 16:40	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 16:40	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 16:40	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 16:40	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 16:40	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 16:40	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 16:40	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 16:40	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 16:40	
Styrene	ND	U	1.00	0.290	1	11/21/11 16:40	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 16:40	
Toluene	ND	U	1.00	0.190	1	11/21/11 16:40	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 16:40	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 16:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 09:20
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23A	**Units:**	ug/L
Lab Code:	J1105006-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 16:40	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 16:40	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 16:40	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 16:40	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 16:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	96	68 - 118	11/21/11 16:40	
4-Bromofluorobenzene	108	78 - 129	11/21/11 16:40	
Dibromofluoromethane	99	80 - 114	11/21/11 16:40	
Toluene-d8	104	87 - 118	11/21/11 16:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 09:20
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23A	**Units:**	ug/L
Lab Code:	J1105006-006	**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)	ND	U	0.0206	0.00331	1	11/16/11 20:31	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0206	0.0166	1	11/16/11 20:31	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	104	77 - 150	11/16/11 20:31	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 09:20
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23A	**Basis:**	NA
Lab Code:	J1105006-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Dissolved	6020	**0.3**	**I**	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Antimony, Total Recoverable	6020	**0.4**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Dissolved	6020	**0.6**	**I**	ug/L	1.0	0.5	1	11/17/11	11/14/11	
Arsenic, Total Recoverable	6020	**1.2**		ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Dissolved	6020	**15.9**		ug/L	2.0	0.4	1	11/17/11	11/14/11	
Barium, Total Recoverable	6020	**17.9**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Dissolved	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/14/11	
Beryllium, Total Recoverable	6020	**0.05**	**I**	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Dissolved	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/14/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Dissolved	6020	**2.0**		ug/L	1.0	0.2	1	11/17/11	11/14/11	
Chromium, Total Recoverable	6020	**3.7**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Dissolved	6020	**0.2**	**I**	ug/L	1.0	0.06	1	11/17/11	11/14/11	
Cobalt, Total Recoverable	6020	**0.3**	**I**	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Dissolved	6020	**0.2**	**I**	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Copper, Total Recoverable	6020	**1.0**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Dissolved	6010B	**860**		ug/L	100	20	1	11/11/11	11/10/11	
Iron, Total Recoverable	6010B	**970**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Dissolved	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/14/11	
Lead, Total Recoverable	6020	**1.41**		ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Dissolved	7470A	ND	U	ug/L	0.10	0.02	1	11/10/11	11/10/11	
Mercury, Total	7470A	**0.10**	**I**	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Dissolved	6020	**1.3**	**I**	ug/L	2.0	0.8	1	11/17/11	11/14/11	
Nickel, Total Recoverable	6020	**1.6**	**I**	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Dissolved	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/14/11	
Selenium, Total Recoverable	6020	**1.1**	**I**	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Dissolved	6020	**0.10**	**I**	ug/L	0.50	0.03	1	11/17/11	11/14/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Dissolved	6010B	**20.2**		mg/L	0.50	0.02	1	11/11/11	11/10/11	
Sodium, Total Recoverable	6010B	**19.7**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Dissolved	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/14/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Dissolved	6020	**2.8**		ug/L	2.0	0.4	1	11/17/11	11/14/11	
Vanadium, Total Recoverable	6020	**4.1**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Dissolved	6020	**1.6**	**I**	ug/L	5.0	0.9	1	11/17/11	11/14/11	
Zinc, Total Recoverable	6020	**1.5**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 09:20
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23A	**Basis:**	NA
Lab Code:	J1105006-006		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**3.77**		mg/L	0.010	0.005	1	11/10/11 17:10	
Chloride	300.0	**24.6**		mg/L	0.50	0.07	1	11/09/11 16:24	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 16:24	
Solids, Total Dissolved	SM 2540 C	**249**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 08:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23C	**Units:**	ug/L
Lab Code:	J1105006-007	**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	ND	U	1.00	0.190	1	11/21/11 16:10	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 16:10	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 16:10	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 16:10	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 16:10	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 16:10	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 16:10	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 16:10	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 16:10	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 16:10	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 16:10	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 16:10	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 16:10	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 16:10	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 16:10	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 16:10	
Acetone	ND	U	50.0	5.60	1	11/21/11 16:10	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 16:10	
Benzene	ND	U	1.00	0.210	1	11/21/11 16:10	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 16:10	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 16:10	
Bromoform	ND	U	2.00	0.420	1	11/21/11 16:10	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 16:10	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 16:10	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 16:10	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 16:10	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 16:10	
Chloroform	ND	U	1.00	0.350	1	11/21/11 16:10	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 16:10	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 16:10	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 16:10	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 16:10	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 16:10	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 16:10	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 16:10	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 16:10	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 16:10	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 16:10	
Styrene	ND	U	1.00	0.290	1	11/21/11 16:10	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 16:10	
Toluene	ND	U	1.00	0.190	1	11/21/11 16:10	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 16:10	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 16:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 08:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23C	**Units:**	ug/L
Lab Code:	J1105006-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 16:10	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 16:10	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 16:10	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 16:10	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 16:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	68 - 118	11/21/11 16:10	
4-Bromofluorobenzene	106	78 - 129	11/21/11 16:10	
Dibromofluoromethane	100	80 - 114	11/21/11 16:10	
Toluene-d8	105	87 - 118	11/21/11 16:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 08:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23C	**Units:**	ug/L
Lab Code:	J1105006-007	**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)	ND	U	0.0205	0.00328	1	11/16/11 20:51	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0205	0.0164	1	11/16/11 20:51	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	103	77 - 150	11/16/11 20:51	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 08:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23C	**Basis:**	NA
Lab Code:	J1105006-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	**8.4**		ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**1.1**		ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	**460**		ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	**0.15**	**I**	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	ND	U	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**5.32**		mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	**1.0**	**I**	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**1.6**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 08:15
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	MW-23C	**Basis:**	NA
Lab Code:	J1105006-007		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	**0.094**		mg/L	0.010	0.005	1	11/10/11 17:11	
Chloride	300.0	**7.40**		mg/L	0.50	0.07	1	11/09/11 16:39	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 16:39	
Solids, Total Dissolved	SM 2540 C	**67**		mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:50
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Equipment Blank-1	**Units:**	ug/L
Lab Code:	J1105006-008	**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	ND	U	1.00	0.190	1	11/21/11 15:40	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 15:40	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 15:40	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 15:40	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 15:40	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 15:40	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 15:40	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 15:40	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 15:40	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 15:40	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 15:40	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 15:40	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 15:40	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 15:40	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 15:40	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 15:40	
Acetone	ND	U	50.0	5.60	1	11/21/11 15:40	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 15:40	
Benzene	ND	U	1.00	0.210	1	11/21/11 15:40	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 15:40	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 15:40	
Bromoform	ND	U	2.00	0.420	1	11/21/11 15:40	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 15:40	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 15:40	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 15:40	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 15:40	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 15:40	
Chloroform	ND	U	1.00	0.350	1	11/21/11 15:40	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 15:40	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 15:40	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 15:40	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 15:40	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 15:40	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 15:40	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 15:40	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 15:40	
Methylene Chloride	**9.90**		5.00	0.210	1	11/21/11 15:40	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 15:40	
Styrene	ND	U	1.00	0.290	1	11/21/11 15:40	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 15:40	
Toluene	ND	U	1.00	0.190	1	11/21/11 15:40	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 15:40	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 15:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:50
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Equipment Blank-1	**Units:**	ug/L
Lab Code:	J1105006-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 15:40	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 15:40	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 15:40	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 15:40	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 15:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	68 - 118	11/21/11 15:40	
4-Bromofluorobenzene	106	78 - 129	11/21/11 15:40	
Dibromofluoromethane	101	80 - 114	11/21/11 15:40	
Toluene-d8	105	87 - 118	11/21/11 15:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:50
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Equipment Blank-1	**Units:**	ug/L
Lab Code:	J1105006-008	**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)	ND	U	0.0202	0.00324	1	11/16/11 21:11	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0202	0.0162	1	11/16/11 21:11	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	105	77 - 150	11/16/11 21:11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:50
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Equipment Blank-1	**Basis:**	NA
Lab Code:	J1105006-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Total Recoverable	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Total Recoverable	6020	**0.6**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Total Recoverable	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Total Recoverable	6020	**0.2**	**I**	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Total Recoverable	6010B	ND	U	ug/L	100	20	1	11/14/11	11/11/11	
Lead, Total Recoverable	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Total	7470A	ND	U	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Total Recoverable	6010B	**0.26**	**I**	mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Total Recoverable	6020	**2.3**	**I**	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 12:50
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Equipment Blank-1	**Basis:**	NA
Lab Code:	J1105006-008		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	ND	U	mg/L	0.010	0.005	1	11/10/11 17:12	
Chloride	300.0	ND	U	mg/L	0.50	0.07	1	11/09/11 16:54	
Nitrate as Nitrogen	300.0	**0.18**	**I**	mg/L	0.20	0.03	1	11/09/11 16:54	
Solids, Total Dissolved	SM 2540 C	ND	U	mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 00:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J1105006-009	**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	ND	U	1.00	0.190	1	11/21/11 15:10	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 15:10	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 15:10	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 15:10	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 15:10	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 15:10	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 15:10	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 15:10	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 15:10	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 15:10	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 15:10	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 15:10	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 15:10	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 15:10	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 15:10	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 15:10	
Acetone	ND	U	50.0	5.60	1	11/21/11 15:10	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 15:10	
Benzene	ND	U	1.00	0.210	1	11/21/11 15:10	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 15:10	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 15:10	
Bromoform	ND	U	2.00	0.420	1	11/21/11 15:10	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 15:10	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 15:10	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 15:10	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 15:10	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 15:10	
Chloroform	ND	U	1.00	0.350	1	11/21/11 15:10	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 15:10	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 15:10	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 15:10	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 15:10	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 15:10	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 15:10	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 15:10	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 15:10	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 15:10	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 15:10	
Styrene	ND	U	1.00	0.290	1	11/21/11 15:10	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 15:10	
Toluene	ND	U	1.00	0.190	1	11/21/11 15:10	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 15:10	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 15:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11 00:00
Sample Matrix:	Water	**Date Received:**	11/09/11 09:55
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J1105006-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 15:10	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 15:10	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 15:10	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 15:10	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 15:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	68 - 118	11/21/11 15:10	
4-Bromofluorobenzene	106	78 - 129	11/21/11 15:10	
Dibromofluoromethane	99	80 - 114	11/21/11 15:10	
Toluene-d8	102	87 - 118	11/21/11 15:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1106659-04	**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	ND	U	1.00	0.190	1	11/21/11 10:41	
1,1,1-Trichloroethane (TCA)	ND	U	1.00	0.170	1	11/21/11 10:41	
1,1,2,2-Tetrachloroethane	ND	U	1.00	0.290	1	11/21/11 10:41	
1,1,2-Trichloroethane	ND	U	1.00	0.400	1	11/21/11 10:41	
1,1-Dichloroethane (1,1-DCA)	ND	U	1.00	0.300	1	11/21/11 10:41	
1,1-Dichloroethene (1,1-DCE)	ND	U	1.00	0.160	1	11/21/11 10:41	
1,2,3-Trichloropropane	ND	U	2.00	0.420	1	11/21/11 10:41	
1,2-Dibromo-3-chloropropane (DBCP)	ND	U	5.00	2.30	1	11/21/11 10:41	
1,2-Dibromoethane (EDB)	ND	U	1.00	0.460	1	11/21/11 10:41	
1,2-Dichlorobenzene	ND	U	1.00	0.480	1	11/21/11 10:41	
1,2-Dichloroethane	ND	U	1.00	0.220	1	11/21/11 10:41	
1,2-Dichloropropane	ND	U	1.00	0.190	1	11/21/11 10:41	
1,4-Dichlorobenzene	ND	U	1.00	0.160	1	11/21/11 10:41	
2-Butanone (MEK)	ND	U	10.0	3.80	1	11/21/11 10:41	
2-Hexanone	ND	U	25.0	2.20	1	11/21/11 10:41	
4-Methyl-2-pentanone (MIBK)	ND	U	25.0	1.10	1	11/21/11 10:41	
Acetone	ND	U	50.0	5.60	1	11/21/11 10:41	
Acrylonitrile	ND	U	10.0	1.50	1	11/21/11 10:41	
Benzene	ND	U	1.00	0.210	1	11/21/11 10:41	
Bromochloromethane	ND	U	5.00	0.270	1	11/21/11 10:41	
Bromodichloromethane	ND	U	1.00	0.220	1	11/21/11 10:41	
Bromoform	ND	U	2.00	0.420	1	11/21/11 10:41	
Bromomethane	ND	U	5.00	0.230	1	11/21/11 10:41	
Carbon Disulfide	ND	U	10.0	2.40	1	11/21/11 10:41	
Carbon Tetrachloride	ND	U	1.00	0.340	1	11/21/11 10:41	
Chlorobenzene	ND	U	1.00	0.160	1	11/21/11 10:41	
Chloroethane	ND	U	5.00	0.520	1	11/21/11 10:41	
Chloroform	ND	U	1.00	0.350	1	11/21/11 10:41	
Chloromethane	ND	U	1.00	0.360	1	11/21/11 10:41	
cis-1,2-Dichloroethene	ND	U	1.00	0.360	1	11/21/11 10:41	
cis-1,3-Dichloropropene	ND	U	1.00	0.200	1	11/21/11 10:41	
Dibromochloromethane	ND	U	1.00	0.210	1	11/21/11 10:41	
Dibromomethane	ND	U	5.00	0.360	1	11/21/11 10:41	
Ethylbenzene	ND	U	1.00	0.210	1	11/21/11 10:41	
Iodomethane	ND	U	5.00	2.70	1	11/21/11 10:41	
m,p-Xylenes	ND	U	2.00	0.310	1	11/21/11 10:41	
Methylene Chloride	ND	U	5.00	0.210	1	11/21/11 10:41	
o-Xylene	ND	U	1.00	0.140	1	11/21/11 10:41	
Styrene	ND	U	1.00	0.290	1	11/21/11 10:41	
Tetrachloroethene (PCE)	ND	U	1.00	0.220	1	11/21/11 10:41	
Toluene	ND	U	1.00	0.190	1	11/21/11 10:41	
trans-1,2-Dichloroethene	ND	U	1.00	0.190	1	11/21/11 10:41	
trans-1,3-Dichloropropene	ND	U	1.00	0.230	1	11/21/11 10:41	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1106659-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
trans-1,4-Dichloro-2-butene	ND	U	20.0	2.20	1	11/21/11 10:41	
Trichloroethene (TCE)	ND	U	1.00	0.360	1	11/21/11 10:41	
Trichlorofluoromethane	ND	U	20.0	0.240	1	11/21/11 10:41	
Vinyl Acetate	ND	U	10.0	1.90	1	11/21/11 10:41	
Vinyl Chloride	ND	U	1.00	0.360	1	11/21/11 10:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	68 - 118	11/21/11 10:41	
4-Bromofluorobenzene	107	78 - 129	11/21/11 10:41	
Dibromofluoromethane	100	80 - 114	11/21/11 10:41	
Toluene-d8	102	87 - 118	11/21/11 10:41	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JQ1106540-01	**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)	ND	U	0.0200	0.00320	1	11/16/11 15:52	11/15/11	
1,2-Dibromoethane (EDB)	ND	U	0.0200	0.0160	1	11/16/11 15:52	11/15/11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	105	77 - 150	11/16/11 15:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J1105006-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Dissolved	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/14/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Dissolved	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/14/11	
Barium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Dissolved	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/14/11	
Beryllium, Total Recoverable	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Dissolved	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/14/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Chromium, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Dissolved	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/14/11	
Cobalt, Total Recoverable	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Copper, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Dissolved	6010B	ND	U	ug/L	100	20	1	11/11/11	11/10/11	
Iron, Total Recoverable	6010B	ND	U	ug/L	100	20	1	11/14/11	11/11/11	
Lead, Dissolved	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/14/11	
Lead, Total Recoverable	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Dissolved	7470A	ND	U	ug/L	0.10	0.02	1	11/10/11	11/10/11	
Mercury, Total	7470A	ND	U	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Dissolved	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/14/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Dissolved	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/14/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Dissolved	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/14/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Dissolved	6010B	ND	U	mg/L	0.50	0.02	1	11/11/11	11/10/11	
Sodium, Total Recoverable	6010B	**0.09**	**I**	mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Dissolved	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/14/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Dissolved	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/14/11	
Vanadium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Dissolved	6020	**1.3**	**I**	ug/L	5.0	0.9	1	11/17/11	11/14/11	
Zinc, Total Recoverable	6020	ND	U	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J1105006-MB		

General Chemistry Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Q
Ammonia as Nitrogen	350.1	ND	U	mg/L	0.010	0.005	1	11/10/11 16:48	
Chloride	300.0	ND	U	mg/L	0.50	0.07	1	11/09/11 12:40	
Nitrate as Nitrogen	300.0	ND	U	mg/L	0.20	0.03	1	11/09/11 12:40	
Solids, Total Dissolved	SM 2540 C	ND	U	mg/L	10	10	1	11/09/11 11:12	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Waste Services of Florida, Inc. **Service Request:** J1105006

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 68 - 118	4-Bromofluorobenzene 78 - 129	Dibromofluoromethane 80 - 114
MW-16A	J1105006-001	98	107	102
MW-16B	J1105006-002	96	108	101
MW-16C	J1105006-003	94	107	98
MW-19A	J1105006-004	100	105	101
MW-19C	J1105006-005	93	107	97
MW-23A	J1105006-006	96	108	99
MW-23C	J1105006-007	97	106	100
Equipment Blank-1	J1105006-008	98	106	101
Trip Blank	J1105006-009	97	106	99
Lab Control Sample	JQ1106659-03	100	106	101
Method Blank	JQ1106659-04	97	107	100

Client: Waste Services of Florida, Inc. **Service Request:** J1105006
Project: JED SWDF
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Sample Name	Lab Code	Toluene-d8 87 - 118
MW-16A	J1105006-001	104
MW-16B	J1105006-002	99
MW-16C	J1105006-003	103
MW-19A	J1105006-004	101
MW-19C	J1105006-005	103
MW-23A	J1105006-006	104
MW-23C	J1105006-007	105
Equipment Blank-1	J1105006-008	105
Trip Blank	J1105006-009	102
Lab Control Sample	JQ1106659-03	103
Method Blank	JQ1106659-04	102

Client: Waste Services of Florida, Inc. **Service Request:** J1105006
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 77 - 150
MW-16A	J1105006-001	104
MW-16B	J1105006-002	114
MW-16C	J1105006-003	106
MW-19A	J1105006-004	110
MW-19C	J1105006-005	107
MW-23A	J1105006-006	104
MW-23C	J1105006-007	103
Equipment Blank-1	J1105006-008	105
Method Blank	JQ1106540-01	105
Lab Control Sample	JQ1106540-02	103

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Waste Services of Florida, Inc. **Service Request:** J1105006

Project: JED SWDF **Date Analyzed:** 11/21/11

Sample Matrix: Water

Lab Control Sample Summary

Volatile Organic Compounds by GC/MS

Analysis Method: 8260B **Units:** ug/L

Basis: NA

Analysis Lot: 270378

Lab Control Sample

JQ1106659-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1,2-Tetrachloroethane	20.4	20.0	102	79-120
1,1,1-Trichloroethane (TCA)	20.9	20.0	105	78-120
1,1,2,2-Tetrachloroethane	20.6	20.0	103	65-137
1,1,2-Trichloroethane	19.8	20.0	99	81-121
1,1-Dichloroethane (1,1-DCA)	20.4	20.0	102	83-119
1,1-Dichloroethene (1,1-DCE)	20.8	20.0	104	79-123
1,2,3-Trichloropropane	20.5	20.0	102	71-129
1,2-Dibromo-3-chloropropane (DBCP)	19.7	20.0	98	36-143
1,2-Dibromoethane (EDB)	19.4	20.0	97	80-122
1,2-Dichlorobenzene	20.8	20.0	104	79-114
1,2-Dichloroethane	19.4	20.0	97	73-120
1,2-Dichloropropane	19.9	20.0	99	86-116
1,4-Dichlorobenzene	20.7	20.0	103	77-117
2-Butanone (MEK)	105	100	105	38-152
2-Hexanone	104	100	104	63-131
4-Methyl-2-pentanone (MIBK)	98.5	100	99	69-127
Acetone	93.9	100	94	45-157
Acrylonitrile	102	100	102	56-139
Benzene	20.4	20.0	102	83-118
Bromochloromethane	19.7	20.0	98	82-117
Bromodichloromethane	21.0	20.0	105	77-120
Bromoform	20.9	20.0	104	38-149
Bromomethane	19.2	20.0	96	78-132
Carbon Disulfide	97.8	100	98	74-132
Carbon Tetrachloride	22.2	20.0	111	67-129
Chlorobenzene	21.1	20.0	106	83-122
Chloroethane	20.0	20.0	100	80-129
Chloroform	20.1	20.0	100	81-118
Chloromethane	20.2	20.0	101	61-138
cis-1,2-Dichloroethene	20.0	20.0	100	74-127
cis-1,3-Dichloropropene	20.4	20.0	102	80-120
Dibromochloromethane	21.7	20.0	109	71-122
Dibromomethane	19.5	20.0	97	73-125
Ethylbenzene	21.5	20.0	107	82-124
Iodomethane	89.0	100	89	78-128
m,p-Xylenes	40.8	40.0	102	82-125
Methylene Chloride	21.1	20.0	105	70-134
o-Xylene	20.8	20.0	104	82-122
Styrene	21.5	20.0	108	82-123
Tetrachloroethene (PCE)	20.0	20.0	100	77-129
Toluene	21.7	20.0	108	82-122
trans-1,2-Dichloroethene	20.0	20.0	100	81-119

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: J1105006
Date Analyzed: 11/21/11

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260B

Units: ug/L
Basis: NA
Analysis Lot: 270378

Lab Control Sample
JQ1106659-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,3-Dichloropropene	19.7	20.0	98	71-124
trans-1,4-Dichloro-2-butene	23.5	20.0	117	10-172
Trichloroethene (TCE)	21.0	20.0	105	81-120
Trichlorofluoromethane	18.4	20.0	92	72-127
Vinyl Acetate	86.1	100	86	50-145
Vinyl Chloride	20.7	20.0	103	72-133

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Waste Services of Florida, Inc. **Service Request:** J1105006

Project: JED SWDF **Date Analyzed:** 11/16/11

Sample Matrix: Water

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: 269813

Lab Control Sample

JQ1106540-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,2-Dibromo-3-chloropropane (DBCP)	0.291	0.250	116	70-130
1,2-Dibromoethane (EDB)	0.250	0.250	100	70-130

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J1105006-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Antimony, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Antimony, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Arsenic, Dissolved	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/14/11	
Arsenic, Total Recoverable	6020	ND	U	ug/L	1.0	0.5	1	11/17/11	11/11/11	
Barium, Dissolved	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/14/11	
Barium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Beryllium, Dissolved	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/14/11	
Beryllium, Total Recoverable	6020	ND	U	ug/L	0.50	0.04	1	11/17/11	11/11/11	
Cadmium, Dissolved	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/14/11	
Cadmium, Total Recoverable	6020	ND	U	ug/L	0.40	0.12	1	11/17/11	11/11/11	
Chromium, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Chromium, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Cobalt, Dissolved	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/14/11	
Cobalt, Total Recoverable	6020	ND	U	ug/L	1.0	0.06	1	11/17/11	11/11/11	
Copper, Dissolved	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/14/11	
Copper, Total Recoverable	6020	ND	U	ug/L	1.0	0.2	1	11/17/11	11/11/11	
Iron, Dissolved	6010B	ND	U	ug/L	100	20	1	11/11/11	11/10/11	
Iron, Total Recoverable	6010B	ND	U	ug/L	100	20	1	11/14/11	11/11/11	
Lead, Dissolved	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/14/11	
Lead, Total Recoverable	6020	ND	U	ug/L	0.50	0.06	1	11/17/11	11/11/11	
Mercury, Dissolved	7470A	ND	U	ug/L	0.10	0.02	1	11/10/11	11/10/11	
Mercury, Total	7470A	ND	U	ug/L	0.10	0.02	1	11/11/11	11/11/11	
Nickel, Dissolved	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/14/11	
Nickel, Total Recoverable	6020	ND	U	ug/L	2.0	0.8	1	11/17/11	11/11/11	
Selenium, Dissolved	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/14/11	
Selenium, Total Recoverable	6020	ND	U	ug/L	2.0	1.1	1	11/17/11	11/11/11	
Silver, Dissolved	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/14/11	
Silver, Total Recoverable	6020	ND	U	ug/L	0.50	0.03	1	11/17/11	11/11/11	
Sodium, Dissolved	6010B	ND	U	mg/L	0.50	0.02	1	11/11/11	11/10/11	
Sodium, Total Recoverable	6010B	**0.09**	**I**	mg/L	0.50	0.02	1	11/14/11	11/11/11	
Thallium, Dissolved	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/14/11	
Thallium, Total Recoverable	6020	ND	U	ug/L	0.20	0.05	1	11/17/11	11/11/11	
Vanadium, Dissolved	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/14/11	
Vanadium, Total Recoverable	6020	ND	U	ug/L	2.0	0.4	1	11/17/11	11/11/11	
Zinc, Dissolved	6020	**1.3**	**I**	ug/L	5.0	0.9	1	11/17/11	11/14/11	
Zinc, Total Recoverable	6020	ND	U	ug/L	5.0	0.9	1	11/17/11	11/11/11	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: J1105006
Date Collected: 11/08/11
Date Received: 11/09/11
Date Analyzed: 11/17/11

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: MW-19A
Lab Code: J1105006-004

Units: ug/L
Basis: NA

			Matrix Spike J1105006-004MS1			Duplicate Matrix Spike J1105006-004DMS1					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Antimony, Total Recoverable	6020	ND	47.7	50.0	95	47.2	50.0	94	75-125	1	20
Arsenic, Total Recoverable	6020	7.7	58.3	50.0	101	57.4	50.0	99	75-125	2	20
Barium, Total Recoverable	6020	35.2	85.1	50.0	100	85.1	50.0	100	75-125	<1	20
Beryllium, Total Recoverable	6020	0.65	51.7	50.0	102	51.0	50.0	101	75-125	1	20
Cadmium, Total Recoverable	6020	ND	50.6	50.0	101	50.4	50.0	101	75-125	<1	20
Chromium, Total Recoverable	6020	26.7	74.6	50.0	96	74.8	50.0	96	75-125	<1	20
Cobalt, Total Recoverable	6020	1.2	47.9	50.0	93	46.7	50.0	91	75-125	3	20
Copper, Total Recoverable	6020	1.4	46.9	50.0	91	46.3	50.0	90	75-125	1	20
Lead, Total Recoverable	6020	7.01	55.4	50.0	97	54.9	50.0	96	75-125	<1	20
Nickel, Total Recoverable	6020	3.9	50.9	50.0	94	50.1	50.0	92	75-125	2	20
Selenium, Total Recoverable	6020	4.1	30.7	50.0	53 *	30.0	50.0	52 *	75-125	2	20
Silver, Total Recoverable	6020	ND	50.0	50.0	100	49.2	50.0	98	75-125	2	20
Thallium, Total Recoverable	6020	ND	48.9	50.0	98	48.6	50.0	97	75-125	<1	20
Vanadium, Total Recoverable	6020	23.3	72.9	50.0	99	73.0	50.0	99	75-125	<1	20
Zinc, Total Recoverable	6020	2.9	96.3	100	93	94.4	100	92	75-125	2	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: J1105006
Date Collected: 11/08/11
Date Received: 11/09/11
Date Analyzed: 11/11/11 - 11/17/11

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: MW-23A
Lab Code: J1105006-006

Units: ug/L
Basis: NA

			Matrix Spike J1105006-006MS2			Duplicate Matrix Spike J1105006-006DMS2					
Analyte Name	**Method**	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Antimony, Dissolved	6020	0.3	54.0	50.0	107	54.7	50.0	109	75-125	1	20
Arsenic, Dissolved	6020	0.6	53.6	50.0	106	54.3	50.0	107	75-125	1	20
Barium, Dissolved	6020	15.9	64.8	50.0	98	63.9	50.0	96	75-125	1	20
Beryllium, Dissolved	6020	ND	54.7	50.0	109	54.9	50.0	110	75-125	<1	20
Cadmium, Dissolved	6020	ND	50.2	50.0	100	51.4	50.0	103	75-125	2	20
Chromium, Dissolved	6020	2.0	50.6	50.0	97	51.1	50.0	98	75-125	<1	20
Cobalt, Dissolved	6020	0.2	48.8	50.0	97	50.6	50.0	101	75-125	4	20
Copper, Dissolved	6020	0.2	48.4	50.0	96	49.8	50.0	99	75-125	3	20
Lead, Dissolved	6020	ND	49.5	50.0	99	50.1	50.0	100	75-125	1	20
Mercury, Total	7470A	0.10	1.3	1.25	95	1.3	1.25	95	75-125	<1	20
Nickel, Dissolved	6020	1.3	48.7	50.0	95	50.2	50.0	98	75-125	3	20
Selenium, Dissolved	6020	ND	22.1	50.0	44 *	23.5	50.0	47 *	75-125	6	20
Silver, Dissolved	6020	0.10	48.0	50.0	96	48.9	50.0	98	75-125	2	20
Thallium, Dissolved	6020	ND	49.6	50.0	99	49.5	50.0	99	75-125	<1	20
Vanadium, Dissolved	6020	2.8	52.6	50.0	100	53.4	50.0	101	75-125	1	20
Zinc, Dissolved	6020	1.6	116	100	115	105	100	104	75-125	10	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: J1105006
Date Analyzed: 11/10/11 - 11/17/11

Lab Control Sample Summary
Inorganic Parameters

Units: ug/L
Basis: NA

Lab Control Sample
J1105006-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Antimony, Dissolved	6020	55.5	50.0	111	80-120
Antimony, Total Recoverable	6020	52.3	50.0	105	80-120
Arsenic, Dissolved	6020	51.6	50.0	103	80-120
Arsenic, Total Recoverable	6020	52.7	50.0	105	80-120
Barium, Dissolved	6020	49.9	50.0	100	80-120
Barium, Total Recoverable	6020	51.9	50.0	104	80-120
Beryllium, Dissolved	6020	53.8	50.0	108	80-120
Beryllium, Total Recoverable	6020	50.0	50.0	100	80-120
Cadmium, Dissolved	6020	51.5	50.0	103	80-120
Cadmium, Total Recoverable	6020	50.8	50.0	102	80-120
Chromium, Dissolved	6020	49.6	50.0	99	80-120
Chromium, Total Recoverable	6020	49.8	50.0	100	80-120
Cobalt, Dissolved	6020	50.3	50.0	101	80-120
Cobalt, Total Recoverable	6020	49.2	50.0	98	80-120
Copper, Dissolved	6020	50.6	50.0	101	80-120
Copper, Total Recoverable	6020	50.8	50.0	102	80-120
Iron, Dissolved	6010B	5270	5000	105	91-113
Iron, Total Recoverable	6010B	5040	5000	101	91-113
Lead, Dissolved	6020	51.0	50.0	102	80-120
Lead, Total Recoverable	6020	50.0	50.0	100	80-120
Mercury, Dissolved	7470A	1.24	1.25	99	80-120
Mercury, Total	7470A	1.43	1.25	114	80-120
Nickel, Dissolved	6020	48.7	50.0	97	80-120
Nickel, Total Recoverable	6020	50.1	50.0	100	80-120
Selenium, Dissolved	6020	52.0	50.0	104	80-120
Selenium, Total Recoverable	6020	52.7	50.0	105	80-120
Silver, Dissolved	6020	48.8	50.0	98	80-120
Silver, Total Recoverable	6020	51.7	50.0	103	80-120
Thallium, Dissolved	6020	50.9	50.0	102	80-120
Thallium, Total Recoverable	6020	49.5	50.0	99	80-120
Vanadium, Dissolved	6020	49.7	50.0	99	80-120
Vanadium, Total Recoverable	6020	49.1	50.0	98	80-120
Zinc, Dissolved	6020	106	100	106	80-120
Zinc, Total Recoverable	6020	103	100	103	80-120

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: J1105006
Date Analyzed: 11/11/11 - 11/14/11

Lab Control Sample Summary
Inorganic Parameters

Units: mg/L
Basis: NA

Lab Control Sample
J1105006-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Sodium, Dissolved	6010B	25.4	25.0	102	88-119
Sodium, Total Recoverable	6010B	25.8	25.0	103	88-119

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project	JED SWDF	**Date Collected:**	11/08/11
Sample Matrix:	Water	**Date Received:**	11/09/11
		Date Analyzed:	11/10/11

Duplicate Sample Summary

Nitrogen, Ammonia, (Colorimetric, Automated Phenate)

Sample Name:	MW-16A	**Units:**	mg/L
Lab Code:	J1105006-001DUP1	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit
Ammonia as Nitrogen	350.1	0.010	0.005	0.018	0.015	0.0166	19	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project	JED SWDF	**Date Collected:**	11/08/11
Sample Matrix:	Water	**Date Received:**	11/09/11
		Date Analyzed:	11/09/11

Duplicate Sample Summary

General Chemistry Parameters

Sample Name:	MW-16C	**Units:**	mg/L
Lab Code:	J1105006-003DUP2	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit
Chloride	300.0	0.50	0.07	20.5	20.5	20.5	<1	20
Nitrate as Nitrogen	300.0	0.20	0.03	ND	ND	NC	NC	20

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project	JED SWDF	**Date Collected:**	11/08/11
Sample Matrix:	Water	**Date Received:**	11/09/11
		Date Analyzed:	11/09/11

Duplicate Sample Summary

Total Dissolved Solids Dried at 180 Deg C (TDS) 20th Ed.

Sample Name:	MW-19A	**Units:**	mg/L
Lab Code:	J1105006-004DUP3	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit
Solids, Total Dissolved	SM 2540 C	10	10	632	621	627	2	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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11
Sample Matrix:	Water	**Date Received:**	11/09/11
		Date Analyzed:	11/10/11

Matrix Spike Summary

Nitrogen, Ammonia, (Colorimetric, Automated Phenate)

Sample Name:	MW-16A	**Units:**	mg/L
Lab Code:	J1105006-001	**Basis:**	NA
Analysis Method:	350.1		

Matrix Spike

J1105006-001MS1

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Ammonia as Nitrogen	0.018	0.960	1.00	94	90-110

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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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Waste Services of Florida, Inc.	**Service Request:**	J1105006
Project:	JED SWDF	**Date Collected:**	11/08/11
Sample Matrix:	Water	**Date Received:**	11/09/11
		Date Analyzed:	11/09/11

Matrix Spike Summary
General Chemistry Parameters

Sample Name:	MW-16C	**Units:**	mg/L
Lab Code:	J1105006-003	**Basis:**	NA

Matrix Spike
J1105006-003MS2

Analyte Name	Method	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Chloride	300.0	20.5	69.4	50.0	98	90-110
Nitrate as Nitrogen	300.0	ND	4.69	5.00	94	90-110

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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: J1105006
Date Analyzed: 11/09/11 - 11/10/11

Lab Control Sample Summary
General Chemistry Parameters

Units: mg/L
Basis: NA

Lab Control Sample
J1105006-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Ammonia as Nitrogen	350.1	0.955	1.00	96	90-110
Chloride	300.0	49.7	50.0	99	90-110
Nitrate as Nitrogen	300.0	4.73	5.00	95	90-110
Solids, Total Dissolved	SM 2540 C	288	300	96	85-115

Columbia Analytical Services™

Cooler Receipt Form

Client: WSI Service Request #: J1105006

Project: JED SWMF

Cooler received on 11/9/11 and opened on 11/9/11 by KK

COURIER: CAS (UPS) FEDEX Client Other _____ Airbill #1ZX5W098221000

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) 1.3°C				
5	Thermometer ID T13				
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?	(CAS)	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

SR # J1105006

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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J1105006
Waste Services of Florida, Inc.
JED SWMF

Project Name: JED SWMF
Project Number:
Project Manager: Joe Terry
Email Address: jterry@wsiinc.us
Company/Address: WSI
11500 43rd St. North
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

PRESERVATIVE: 1 0 2 3 0 2

NUMBER OF CONTAINERS

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	8260	8011	Metals	NH_3	TDS, Cl, NO_3	Dissolved Metals										REMARKS/ ALTERNATE DESCRIPTION
MW-16A		11-8-11	1158	GW	9	3	3	1	1	1										
MW-16B		↓	1230	↓	9	↓	↓	↓	↓	↓										
MW-16C		↓	1115	↓	9	↓	↓	↓	↓	↓										
MW-19A		↓	1500	↓	10	↓	↓	↓	↓	↓	1									
MW-19C		↓	1530	↓	9	↓	↓	↓	↓	↓										
MW-23A		↓	0920	↓	10	↓	↓	↓	↓	↓	1									
MW-23C		↓	0815	GW	9	↓	↓	↓	↓	↓										
Equipment Blank-1		11-8-11	1250	DI H_2O	9	3	3	1	1	1										
Trip Blank		11-1-11	0800	DI H_2O	2	2														

SPECIAL INSTRUCTIONS/COMMENTS

Cooler ID: 11312-JED

1.3°C
T13

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. Speicalized 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
	UPS	UPS			
Signature: Joe Terry	Signature	Signature	Signature: Kristi Kelly	Signature	Signature
Printed Name: Joe Terry	Printed Name	Printed Name	Printed Name: Kristie Kelly	Printed Name	Printed Name
Firm: WSI	Firm	Firm	Firm: CAS	Firm	Firm
Date/Time: 11-8-11/1630	Date/Time	Date/Time	Date/Time: 11/9/11 0955	Date/Time	Date/Time

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

JSCOC-06/20/08