MIAMI-DADE COUNTY

Carlos Alvarez, Mayor

Water & Sewer
P.O. Box 330316 • 3071 SW 38th Avenue
Miami, Florida 33233-0316
T 305-665-7471

miamidade.gov

April 12, 2010

Certified Mail: 7001 0360 0001 6784 1505
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CNN: 54195

Mr. Joseph R. May, P.G.
UIC Program Manager
Florida Department of Environmental Protection
400 North Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Subject: Annual Wastestream Analysis South District Wastewater Treatment Plant (WWTP), Permits 61787-022-UO, and 61787-014-UC through 61787-017-UC

Dear Mr. May:

In accordance FAC 62-550, specific condition 3.i of the referenced operation permits, and specific condition 6.I of the referenced construction permits, attached please find the 2010 sampling results for the annual wastestream analysis of primary, secondary drinking water standards, and minimum criteria.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please contact me at (786) 552-8116 or Richard M. O'Rourke at (786) 552-8123, if there are any questions regarding this submittal.

Sincerely,

Vicente E. Arrebola, P.E.
Assistant Director, Wastewater System Operations

VEA/RMO/ab

cc: T. Brown, FDEP/SED

Attachment: South District WWTP – 2010 Annual Wastestream Analysis Sampling Results

Analytical Report 363251

for

Miami Dade Water & Sewer

Project Manager: CLIVE POWELL

ANNUAL PRIORITY POLLUTANTS

80263

17-MAR-10

3231 NW 7th Avenue, Boca Raton, FL 33431
Ph:(561) 447-7373 Fax:(561) 447-7374

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

17-MAR-10

Project Manager: **CLIVE POWELL**
Miami Dade Water & Sewer
8950 SW 232 Street
Miami, FL 33190

Reference: XENCO Report No: **363251**
ANNUAL PRIORITY POLLUTANTS
Project Address:

CLIVE POWELL:

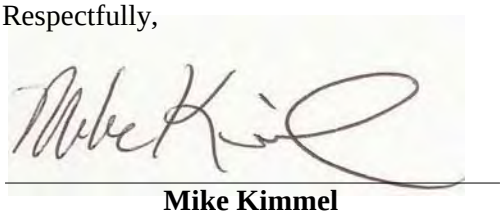
We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 363251. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 363251 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,



Mike Kimmel
Office Manager

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Sample Cross Reference 363251

Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SD-COMBINED EFFLUENT	W	Feb-23-10 08:00		363251-001

Certificate of Analytical Results 363251

Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: BOD by SM5210B Prep Method: SM5210P

Analyst: RAF Date Prep: Feb-24-10 23:44 Tech: RCA
Seq Number: 795974

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Biochemical Oxygen Demand, 5 day		5.80	2.00	1.50	mg/L	03/01/10 20:14		1

Analytical Method: Carbamates by EPA 531.1 Prep Method:

Analyst: SUB Date Prep: Tech: SUB
Seq Number: 797232 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Carbofuran	1563-66-2	U	0.900	0.352	ug/L	03/03/10 10:00	U	1
Oxamyl	23135-22-0	U	2.00	0.169	ug/L	03/03/10 10:00	U	1

Analytical Method: Chlorinated Acids in Water by EPA 515.1 Prep Method: E515.1P

Analyst: SUB Date Prep: Mar-02-10 10:00 Tech: SUB
Seq Number: 797237 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
2,4-D	94-75-7	0.671	0.100	0.067	ug/L	03/03/10 12:00		1
Dalapon	75-99-0	U	1.00	0.771	ug/L	03/03/10 12:00	U	1
Dinoseb	88-85-7	U	0.200	0.093	ug/L	03/03/10 12:00	U	1
Pentachlorophenol *	87-86-5	U	0.040	0.018	ug/L	03/03/10 12:00	U	1
Picloram	6-60-7	U	0.100	0.053	ug/L	03/03/10 12:00	U	1
2,4,5-TP (Silvex)	93-72-1	U	0.200	0.096	ug/L	03/03/10 12:00	U	1

Analytical Method: Color by SM2120B Prep Method:

Analyst: MID Date Prep: Tech: MID
Seq Number: 795130

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Color	1605	40	1.0	0.50	CU	02/23/10 18:20		1

Analytical Method: EDB, DBCP & 123TCP by EPA 504.1 Prep Method: E504.1P

Analyst: MIS Date Prep: Mar-01-10 02:19 Tech: MIS
Seq Number: 796033

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
1,2-Dibromoethane	106-93-4	U	0.010	0.006	ug/L	03/02/10 02:19	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	U	0.020	0.003	ug/L	03/02/10 02:19	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: EPA 900 Prep Method: SW3510C

Analyst: SUB Date Prep: Feb-27-10 10:00 Tech: SUB
Seq Number: 796774 SUB: E87688

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Beta, gross		11.0+/-2.5	4.00	3.58	pCi/L	02/27/10 12:00		1
Alpha, Gross		U+/-1.9	3.00	2.28	pCi/L	02/27/10 12:00	U	1

Analytical Method: Endothall by 548.1 Prep Method: E548P

Analyst: SUB Date Prep: Mar-01-10 10:00 Tech: SUB
Seq Number: 797235 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Endothal	145-73-3	U	9.00	2.10	ug/L	03/02/10 12:00	U	1

Analytical Method: Glyphosate by EPA 547 Prep Method: SW3510C

Analyst: SUB Date Prep: Mar-03-10 10:00 Tech: SUB
Seq Number: 797236

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Glyphosate	1071-83-6	U	6.00	1.20	ug/L	03/03/10 12:00	U	1

Analytical Method: Inorganic Anions by EPA 300 Prep Method: E300P

Analyst: ZOE Date Prep: Feb-24-10 19:06 Tech: ZOE
Seq Number: 795371

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Fluoride	16984-48-8	0.686	2.00	0.300	mg/L	02/24/10 19:06	I	10
Chloride	16887-00-6	81.4	5.00	0.664	mg/L	02/24/10 19:06		10
Nitrite as N	7727-37-9	0.554	0.500	0.053	mg/L	02/24/10 19:06		10
Sulfate	14808-79-8	28.4	5.00	0.755	mg/L	02/24/10 19:06		10
Nitrate as N	7727-37-9	0.467	0.500	0.074	mg/L	02/24/10 19:06	I	10

Analytical Method: MBAS Surfactants by SM5540C Prep Method:

Analyst: ARM Date Prep: Tech: CCAB
Seq Number: 795249

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Surfactants		0.233	0.100	0.043	mg/L	02/24/10 10:00		1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Metals per ICP/MS by EPA 200.8 Prep Method: E200.8P

Analyst: DAF Date Prep: Feb-24-10 10:17 Tech: TIB
Seq Number: 795978

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Antimony	7440-36-0	U	5.00	1.07	ug/L	02/26/10 21:59	U	1
Arsenic	7440-38-2	1.60	5.00	0.800	ug/L	02/26/10 21:59	I	1
Beryllium	7440-41-7	U	4.00	0.600	ug/L	02/26/10 21:59	U	1
Cadmium	7440-43-9	U	5.00	0.600	ug/L	02/26/10 21:59	U	1
Chromium	7440-47-3	1.30	5.00	0.354	ug/L	02/26/10 21:59	I	1
Copper	7440-50-8	4.40	2.00	0.211	ug/L	02/26/10 21:59		1
Lead	7439-92-1	U	5.00	0.947	ug/L	02/26/10 21:59	U	1
Mercury	7439-97-6	U	0.2000	0.0190	ug/L	02/26/10 21:59	U	1
Nickel	7440-02-0	2.50	5.00	0.293	ug/L	02/26/10 21:59	I	1
Selenium	7782-49-2	1.90	5.00	1.78	ug/L	02/26/10 21:59	I	1
Silver	7440-22-4	U	5.00	0.803	ug/L	02/26/10 21:59	U	1
Thallium	7440-28-0	U	2.00	0.269	ug/L	02/26/10 21:59	U	1
Zinc	7440-66-6	18.6	5.00	0.915	ug/L	02/26/10 21:59	V	1

Analytical Method: Nitrogen, Ammonia by EPA 350.1 Prep Method:

Analyst: IDG Date Prep: Tech: IDG
Seq Number: 796217

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Ammonia (as N)	7664-41-7	22.3	0.320	0.080	mg/L	03/02/10 15:32		5

Analytical Method: Nitrogen, Kjeldahl, Total by EPA 351.2 Prep Method:

Analyst: IDG Date Prep: Tech: IDG
Seq Number: 795914

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	24.4	1.50	0.370	mg/L	03/01/10 14:00		5

Analytical Method: ODOR by SM2150B Prep Method:

Analyst: MID Date Prep: Tech: MID
Seq Number: 795132

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Odor		64	1.0	1.0	T.O.N	02/23/10 18:15		1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Oil and Grease by EPA 1664A Prep Method:

Analyst: LWE Date Prep: Tech: JSL
Seq Number: 795791

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Oil & Grease, HEM		U	4.00	1.43	mg/L	02/26/10 19:00	U	1

Analytical Method: Organochlorine Pesticides and PCBs by EPA 608 Prep Method: E608P

Analyst: SBR Date Prep: Feb-27-10 01:00 Tech: ROR
Seq Number: 796553

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
PCB 1016/1260		U	0.5000	0.1101	ug/L	03/03/10 09:41	U	1
4,4-DDD	72-54-8	U	0.1000	0.0010	ug/L	03/03/10 09:41	U	1
4,4-DDE	72-55-9	U	0.1000	0.0015	ug/L	03/03/10 09:41	U	1
4,4-DDT	50-29-3	U	0.1000	0.0012	ug/L	03/03/10 09:41	U	1
Aldrin	309-00-2	U	0.0500	0.0014	ug/L	03/03/10 09:41	U	1
Alpha-BHC	319-84-6	U	0.0500	0.0009	ug/L	03/03/10 09:41	U	1
Beta-BHC	319-85-7	U	0.0200	0.0012	ug/L	03/03/10 09:41	U	1
Chlordane	57-74-9	U	1.000	0.0063	ug/L	03/03/10 09:41	U	1
Delta-BHC	319-86-8	U	0.0500	0.0009	ug/L	03/03/10 09:41	U	1
Dieldrin	60-57-1	U	0.0500	0.0011	ug/L	03/03/10 09:41	U	1
Endosulfan I	959-98-8	U	0.0500	0.0010	ug/L	03/03/10 09:41	U	1
Endosulfan II	33213-65-9	U	0.1000	0.0013	ug/L	03/03/10 09:41	U	1
Endosulfan Sulfate	1031-07-8	U	0.1000	0.0003	ug/L	03/03/10 09:41	U	1
Endrin	72-20-8	U	0.1000	0.0007	ug/L	03/03/10 09:41	U	1
Endrin Aldehyde	7421-93-4	U	0.1000	0.0007	ug/L	03/03/10 09:41	U	1
Gamma-BHC (Lindane)	58-89-9	U	0.0500	0.0006	ug/L	03/03/10 09:41	U	1
Heptachlor	76-44-8	U	0.0500	0.0015	ug/L	03/03/10 09:41	U	1
Heptachlor Epoxide	1024-57-3	U	0.0500	0.0012	ug/L	03/03/10 09:41	U	1
Methoxychlor	72-43-5	U	0.0500	0.0009	ug/L	03/03/10 09:41	U	1
Toxaphene	8001-35-2	U	3.000	0.0471	ug/L	03/03/10 09:41	U	1
PCB-1016	12674-11-2	U	0.5000	0.0124	ug/L	03/03/10 09:41	U	1
PCB-1221	11104-28-2	U	0.5000	0.0139	ug/L	03/03/10 09:41	U	1
PCB-1232	11141-16-5	U	0.5000	0.1900	ug/L	03/03/10 09:41	U	1
PCB-1242	53469-21-9	U	0.5000	0.0137	ug/L	03/03/10 09:41	U	1
PCB-1248	12672-29-6	U	0.5000	0.0085	ug/L	03/03/10 09:41	U	1
PCB-1254	11097-69-1	U	0.5000	0.0136	ug/L	03/03/10 09:41	U	1
PCB-1260	11096-82-5	U	0.5000	0.0151	ug/L	03/03/10 09:41	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Organohalide Pesticides and PCBs in Water by EPA 505 Prep Method: E505P

Analyst: SUB Date Prep: Mar-04-10 10:00 Tech: SUB
Seq Number: 797238 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Chlordane (Technical)	57-74-9	U	0.200	0.049	ug/L	03/05/10 12:00	U	1
Toxaphene	8001-35-2	U	1.00	0.670	ug/L	03/05/10 12:00	U	1
PCB-1016	12674-11-2	U	0.080	0.017	ug/L	03/05/10 12:00	U	1
PCB-1221	11104-28-2	U	0.100	0.031	ug/L	03/05/10 12:00	U	1
PCB-1232	11141-16-5	U	0.100	0.040	ug/L	03/05/10 12:00	U	1
PCB-1242	53469-21-9	U	0.100	0.057	ug/L	03/05/10 12:00	U	1
PCB-1248	12672-29-6	U	0.100	0.074	ug/L	03/05/10 12:00	U	1
PCB-1254	11097-69-1	U	0.100	0.064	ug/L	03/05/10 12:00	U	1
PCB-1260	11096-82-5	U	0.100	0.098	ug/L	03/05/10 12:00	U	1
Total PCBs	1336-36-3	U	0.100	0.098	ug/L	03/05/10 12:00	U	1

Analytical Method: Ortho-Phosphorus by EPA 365.1 Prep Method:

Analyst: IRU Date Prep: Tech: CCAB
Seq Number: 795386

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Ortho-Phosphate as P	7723-14-0	2.3400	0.060	0.0180	mg/L	02/25/10 08:29		2

Analytical Method: Pri / Sec ICP-AES Metals by EPA 200.7 Prep Method: E200.7P

Analyst: IST Date Prep: Feb-24-10 10:21 Tech: TIB
Seq Number: 796340

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Aluminum	7429-90-5	U	200	46.0	ug/L	03/03/10 01:10	U	1
Iron	7439-89-6	134	100	45.0	ug/L	03/03/10 01:10		1
Molybdenum	7439-98-7	U	5.00	3.00	ug/L	03/03/10 01:10	U	1
Sodium	7440-23-5	56800	250	74.0	ug/L	03/03/10 01:10		1
Zinc	7440-66-6	16.5	25.0	5.30	ug/L	03/03/10 01:10	I	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Pri/Sec Metals per ICP/MS by EPA 200.8 Prep Method: E200.8P

Analyst: DAF Date Prep: Feb-24-10 10:17 Tech: TIB
Seq Number: 795978

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Antimony	7440-36-0	1.50	5.00	1.07	ug/L	03/12/10 11:31	I	1
Arsenic	7440-38-2	1.50	5.00	0.800	ug/L	03/12/10 11:31	I	1
Barium	7440-39-3	8.30	5.00	2.20	ug/L	03/12/10 11:31		1
Beryllium	7440-41-7	U	4.00	0.600	ug/L	03/12/10 11:31	U	1
Cadmium	7440-43-9	U	5.00	0.600	ug/L	03/12/10 11:31	U	1
Chromium	7440-47-3	1.20	5.00	0.354	ug/L	03/12/10 11:31	I	1
Copper	7440-50-8	3.90	2.00	0.211	ug/L	03/12/10 11:31		1
Lead	7439-92-1	U	5.00	0.947	ug/L	03/12/10 11:31	U	1
Manganese	7439-96-5	11.2	5.00	1.50	ug/L	03/12/10 11:31		1
Nickel	7440-02-0	2.10	5.00	0.293	ug/L	03/12/10 11:31	I	1
Selenium	7782-49-2	3.70	5.00	1.78	ug/L	03/12/10 11:31	I	1
Silver	7440-22-4	U	5.00	0.803	ug/L	03/12/10 11:31	U	1
Thallium	7440-28-0	0.500	2.00	0.269	ug/L	03/12/10 11:31	I	1

Analytical Method: Radium 226 by EPA 903.1 Prep Method: E903P

Analyst: SUB Date Prep: Mar-02-10 10:00 Tech: SUB
Seq Number: 796775 SUB: E87688

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Radium-226	7440-14-4	U+/-0.11	1.00	0.740	pCi/L	03/02/10 12:00	U	1

Analytical Method: Radium 228 by RA-05 Prep Method: SW3510C

Analyst: SUB Date Prep: Mar-01-10 10:00 Tech: SUB
Seq Number: 796777 SUB: E87688

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Radium-228	15262201	U+/-0.13	1.00	0.920	pCi/L	03/10/10 12:00	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: SVOCs by EPA 525.2 Prep Method: E525P

Analyst: SUB Date Prep: Feb-26-10 10:00 Tech: SUB
Seq Number: 797239 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Atrazine *	1912-24-9	U	0.100	0.018	ug/L	03/01/10 12:00	U	1
Benzo(a)pyrene	50-32-8	U	0.020	0.020	ug/L	03/01/10 12:00	U	1
bis(2-Ethylhexyl) Adipate	103-23-1	U	0.600	0.177	ug/L	03/01/10 12:00	U	1
bis(2-ethylhexyl) phthalate	117-81-7	0.517	0.600	0.271	ug/L	03/01/10 12:00	I	1
Alachlor *	15972-60-8	U	0.200	0.023	ug/L	03/01/10 12:00	U	1
Simazine *	122-34-9	U	0.070	0.034	ug/L	03/01/10 12:00	U	1
Endrin *	72-20-8	U	0.010	0.007	ug/L	03/01/10 12:00	U	1
Heptachlor *	76-44-8	U	0.040	0.009	ug/L	03/01/10 12:00	U	1
Heptachlor Epoxide (iso. b) *	1024-57-3	U	0.020	0.017	ug/L	03/01/10 12:00	U	1
Hexachlorobenzene *	118-74-1	U	0.100	0.013	ug/L	03/01/10 12:00	U	1
Hexachlorocyclopentadiene *	77-47-4	U	0.100	0.022	ug/L	03/01/10 12:00	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: SVOCs by EPA 625 Prep Method: E625P

Analyst: THB Date Prep: Feb-25-10 09:00 Tech: HEA
Seq Number: 796492

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Acenaphthene	83-32-9	U	4.00	0.249	ug/L	02/28/10 13:48	U	1
Acenaphthylene	208-96-8	U	4.00	0.255	ug/L	02/28/10 13:48	U	1
Anthracene	120-12-7	U	4.00	0.249	ug/L	02/28/10 13:48	U	1
Benzidine	92-87-5	U	10.0	9.74	ug/L	02/28/10 13:48	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.274	ug/L	02/28/10 13:48	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.305	ug/L	02/28/10 13:48	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.247	ug/L	02/28/10 13:48	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.385	ug/L	02/28/10 13:48	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.281	ug/L	02/28/10 13:48	U	1
Benzyl Alcohol	100-51-6	U	4.00	0.220	ug/L	02/28/10 13:48	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	0.356	ug/L	02/28/10 13:48	U	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	U	10.0	10.00	ug/L	02/28/10 13:48	U	1
bis(2-chloroethoxy) methane	111-91-1	U	4.00	0.316	ug/L	02/28/10 13:48	U	1
bis(2-chloroethyl) ether	111-44-4	U	4.00	0.461	ug/L	02/28/10 13:48	U	1
bis(2-chloroisopropyl) ether	108-60-1	U	4.00	0.341	ug/L	02/28/10 13:48	U	1
bis(2-ethylhexyl) phthalate	117-81-7	1.58	4.00	0.201	ug/L	02/28/10 13:48	IV	1
4-Bromophenyl-phenylether	101-55-3	U	4.00	0.271	ug/L	02/28/10 13:48	U	1
Carbazole	86-74-8	0.370	4.00	0.278	ug/L	02/28/10 13:48	I	1
4-chloro-3-methylphenol	59-50-7	U	4.00	0.221	ug/L	02/28/10 13:48	U	1
2-Chlorophenol	95-57-8	U	4.00	0.224	ug/L	02/28/10 13:48	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	4.00	0.446	ug/L	02/28/10 13:48	U	1
Chrysene	218-01-9	U	4.00	0.276	ug/L	02/28/10 13:48	U	1
n-Decane	124-18-5	U	4.00	0.001	ug/L	02/28/10 13:48	U	1
Dibenz(a,h)anthracene	53-70-3	U	4.00	0.550	ug/L	02/28/10 13:48	U	1
Dibenzofuran	132-64-9	U	10.0	0.085	ug/L	02/28/10 13:48	U	1
di-n-Butyl Phthalate	84-74-2	U	4.00	0.211	ug/L	02/28/10 13:48	U	1
1,2-Dichlorobenzene	95-50-1	U	4.00	0.342	ug/L	02/28/10 13:48	U	1
1,3-Dichlorobenzene	541-73-1	U	4.00	0.352	ug/L	02/28/10 13:48	U	1
1,4-Dichlorobenzene	106-46-7	U	4.00	0.278	ug/L	02/28/10 13:48	U	1
3,3-Dichlorobenzidine +	91-94-1	U	4.00	0.309	ug/L	02/28/10 13:48	U	1
2,4-Dichlorophenol	120-83-2	U	4.00	0.432	ug/L	02/28/10 13:48	U	1
Diethyl Phthalate	84-66-2	3.91	10.0	0.328	ug/L	02/28/10 13:48	I	1
Dimethyl Phthalate	131-11-3	U	1.00	0.308	ug/L	02/28/10 13:48	U	1
2,4-Dimethylphenol	105-67-9	U	4.00	0.396	ug/L	02/28/10 13:48	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	10.0	0.353	ug/L	02/28/10 13:48	U	1
2,4-Dinitrophenol	51-28-5	U	10.0	1.40	ug/L	02/28/10 13:48	U	1
2,4-Dinitrotoluene	121-14-2	U	4.00	0.312	ug/L	02/28/10 13:48	U	1
2,6-Dinitrotoluene	606-20-2	U	4.00	0.310	ug/L	02/28/10 13:48	U	1
di-n-Octyl Phthalate	117-84-0	U	1.00	0.278	ug/L	02/28/10 13:48	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: SVOCs by EPA 625 Prep Method: E625P

Analyst: THB Date Prep: Feb-25-10 09:00 Tech: HEA
Seq Number: 796492

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
1,2-Diphenylhydrazine	122-66-7	U	4.00	0.234	ug/L	02/28/10 13:48	U	1
Fluoranthene	206-44-0	U	4.00	0.201	ug/L	02/28/10 13:48	U	1
Fluorene	86-73-7	U	4.00	0.265	ug/L	02/28/10 13:48	U	1
Hexachlorobenzene	118-74-1	U	1.00	0.315	ug/L	02/28/10 13:48	U	1
Hexachlorobutadiene	87-68-3	U	4.00	0.448	ug/L	02/28/10 13:48	U	1
Hexachlorocyclopentadiene	77-47-4	U	4.00	0.741	ug/L	02/28/10 13:48	U	1
Hexachloroethane	67-72-1	U	2.00	0.362	ug/L	02/28/10 13:48	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	4.00	0.259	ug/L	02/28/10 13:48	U	1
Isophorone	78-59-1	U	4.00	0.337	ug/L	02/28/10 13:48	U	1
1-Methylnaphthalene	90-12-0	U	1.00	0.103	ug/L	02/28/10 13:48	U	1
2-Methylnaphthalene	91-57-6	U	1.00	0.113	ug/L	02/28/10 13:48	U	1
2-methylphenol	95-48-7	U	4.00	0.230	ug/L	02/28/10 13:48	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	02/28/10 13:48	U	1
Naphthalene	91-20-3	U	4.00	0.338	ug/L	02/28/10 13:48	U	1
2-Nitroaniline	88-74-4	U	50.0	0.060	ug/L	02/28/10 13:48	U	1
Nitrobenzene	98-95-3	U	4.00	0.306	ug/L	02/28/10 13:48	U	1
2-Nitrophenol	88-75-5	U	4.00	0.242	ug/L	02/28/10 13:48	U	1
4-Nitrophenol	100-02-7	U	10.0	0.786	ug/L	02/28/10 13:48	U	1
n-Octadecane	593-45-3	U	4.00	0.320	ug/L	02/28/10 13:48	U	1
Pentachlorophenol	87-86-5	U	10.0	0.672	ug/L	02/28/10 13:48	U	1
Phenanthrene	85-01-8	U	4.00	0.288	ug/L	02/28/10 13:48	U	1
Phenol	108-95-2	U	1.00	0.405	ug/L	02/28/10 13:48	U	1
Pyrene	129-00-0	U	4.00	0.468	ug/L	02/28/10 13:48	U	1
1,2,4-Trichlorobenzene	120-82-1	U	4.00	0.225	ug/L	02/28/10 13:48	U	1
2,4,5-Trichlorophenol	95-95-4	U	4.00	0.380	ug/L	02/28/10 13:48	U	1
2,4,6-Trichlorophenol	88-06-2	U	1.00	0.274	ug/L	02/28/10 13:48	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	4.000	0.100	ug/L	02/28/10 13:48	U	1

Analytical Method: Specific Conductance by EPA 120.1 Prep Method:

Analyst: YAD Date Prep: Tech: YAD
Seq Number: 795617

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Conductivity		578	50.0	10.0	uS/cm	02/26/10 09:30		1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Synthetic Organics by 549.2 Prep Method: E549P

Analyst: SUB Date Prep: Mar-02-10 10:00 Tech: SUB
Seq Number: 797234 SUB: E87836

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Diquat	85-00-7	U	0.400	0.274	ug/L	03/03/10 12:00	U	1

Analytical Method: TDS by SM2540C Prep Method:

Analyst: RWA Date Prep: Tech: RWA
Seq Number: 796318

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Total dissolved solids	TDS	304	5.00	5.00	mg/L	02/26/10 16:30		1

Analytical Method: Total Cyanide by EPA 335.4 Prep Method:

Analyst: IDG Date Prep: Tech: IDG
Seq Number: 795683

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Cyanide, Total	57-12-5	0.005	0.010	0.004	mg/L	02/26/10 14:21	I	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Total Toxic Organics by EPA 624 Prep Method: SW5030B

Analyst: ROL Date Prep: Mar-01-10 10:24 Tech: ROL
Seq Number: 796183

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	U	1.00	0.173	ug/L	03/02/10 15:02	U	1
Bromodichloromethane	75-27-4	U	2.00	0.191	ug/L	03/02/10 15:02	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	03/02/10 15:02	U	1
Methyl bromide	74-83-9	U	2.00	0.610	ug/L	03/02/10 15:02	U	1
Carbon Tetrachloride	56-23-5	U	2.00	0.213	ug/L	03/02/10 15:02	U	1
Chlorobenzene	108-90-7	U	2.00	0.245	ug/L	03/02/10 15:02	U	1
Chloroethane	75-00-3	U	2.00	0.340	ug/L	03/02/10 15:02	U	1
2-Chloroethyl Vinyl Ether	110-75-8	U	10.0	0.612	ug/L	03/02/10 15:02	U	1
Chloroform	67-66-3	2.58	2.00	0.263	ug/L	03/02/10 15:02		1
Methyl Chloride	74-87-3	U	2.00	0.250	ug/L	03/02/10 15:02	U	1
Dibromochloromethane	124-48-1	U	2.00	0.256	ug/L	03/02/10 15:02	U	1
1,2-Dichlorobenzene	95-50-1	U	2.00	0.298	ug/L	03/02/10 15:02	U	1
1,4-Dichlorobenzene	106-46-7	1.71	2.00	0.193	ug/L	03/02/10 15:02	I	1
1,2-Dichloroethane	107-06-2	U	2.00	0.338	ug/L	03/02/10 15:02	U	1
1,1-Dichloroethane	75-34-3	U	2.00	0.255	ug/L	03/02/10 15:02	U	1
trans-1,2-dichloroethylene	156-60-5	U	2.00	0.399	ug/L	03/02/10 15:02	U	1
cis-1,2-Dichloroethylene	156-59-2	U	2.00	0.362	ug/L	03/02/10 15:02	U	1
1,1-Dichloroethene	75-35-4	U	2.00	0.269	ug/L	03/02/10 15:02	U	1
1,2-Dichloropropane	78-87-5	U	2.00	0.326	ug/L	03/02/10 15:02	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	03/02/10 15:02	U	1
cis-1,3-Dichloropropene	10061-01-5	U	2.00	0.249	ug/L	03/02/10 15:02	U	1
Ethylbenzene	100-41-4	U	2.00	0.196	ug/L	03/02/10 15:02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	2.00	0.715	ug/L	03/02/10 15:02	U	1
Toluene	108-88-3	0.250	2.00	0.247	ug/L	03/02/10 15:02	I	1
1,1,2-Trichloroethane	79-00-5	U	2.00	0.288	ug/L	03/02/10 15:02	U	1
1,1,1-Trichloroethane	71-55-6	U	2.00	0.232	ug/L	03/02/10 15:02	U	1
Trichloroethylene	79-01-6	U	2.00	0.305	ug/L	03/02/10 15:02	U	1
o-Xylene	95-47-6	U	2.00	0.298	ug/L	03/02/10 15:02	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.398	ug/L	03/02/10 15:02	U	1
Methylene Chloride	75-09-2	U	5.00	1.00	ug/L	03/02/10 15:02	U	1
Acrolein	107-02-8	U	10.0	2.47	ug/L	03/02/10 15:02	U	1
Acrylonitrile	107-13-1	U	10.0	0.955	ug/L	03/02/10 15:02	U	1
Tetrachloroethylene	127-18-4	U	2.00	0.508	ug/L	03/02/10 15:02	U	1
Vinyl Chloride	75-01-4	U	1.00	0.414	ug/L	03/02/10 15:02	U	1
Total Xylenes	1330-20-7	U	2.00	0.298	ug/L	03/02/10 15:02	U	1

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Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: Turbidity by EPA 180.1 Prep Method:

Analyst: MID Date Prep: Tech: MID
Seq Number: 795391

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Turbidity		7.00	1.00	0.100	NTU	02/24/10 16:50		1

Analytical Method: Volatile Organic Compounds by EPA 524.2 Prep Method: E524P

Analyst: ROL Date Prep: Feb-26-10 11:40 Tech: ROL
Seq Number: 795692

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Bromoform	75-25-2	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Total Trihalomethanes		2.96	0.500	0.200	ug/L	02/26/10 16:35	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Chlorobenzene	108-90-7	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Chloroform	67-66-3	2.96	0.500	0.200	ug/L	02/26/10 16:35		1
Dibromochloromethane	124-48-1	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,4-Dichlorobenzene	106-46-7	1.55	0.500	0.200	ug/L	02/26/10 16:35		1
1,1-Dichloroethane	75-34-3	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
cis-1,2-Dichloroethylene	156-59-2	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Ethylbenzene	100-41-4	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Methylene Chloride	75-09-2	U	0.500	0.400	ug/L	02/26/10 16:35	U	1
Styrene	100-42-5	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Toluene	108-88-3	0.271	0.500	0.200	ug/L	02/26/10 16:35	I	1
1,1,1-Trichloroethane	71-55-6	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Trichloroethylene	79-01-6	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
Vinyl Chloride	75-01-4	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
o-Xylene	95-47-6	U	0.500	0.200	ug/L	02/26/10 16:35	U	1
m,p-Xylenes	179601-23-1	U	0.500	0.400	ug/L	02/26/10 16:35	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **SD-COMBINED EFFLUENT** Matrix: **Water** % Moisture:
Lab Sample Id: **363251-001** Date Collected: **Feb-23-10 08:00**
Date Received: **Feb-23-10 17:00**

Analytical Method: pH by SM4500-H Prep Method:

Analyst: ZOE Date Prep: Tech: CCAB
Seq Number: 795330

Parameter	Cas Number	Result	CE	MDL	Units	Analysis Date	Flag	Dil
pH	PH	6.79		1.00	SU	02/24/10 13:30		1

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FLORIDA Flagging Criteria

A Value reported is the mean (average) of two or more determinations. This code shall be used if the reported value is the average of results for two or more discrete and separate samples. These samples shall have been processed and analyzed independently. Do not use this code if the data are the result of replicate analysis on the same sample aliquot, extract or digestate.

B Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts. The code is to be used if the colony count is generated from a plate in which the total number of coliform colonies is outside the method indicated ideal range. This code is not to be used if a 100 mL sample has been filtered and the colony count is less than the lower value of the ideal range.

F When reporting species: F indicates the female sex. Otherwise it indicates RPD value is outside the acceptable range.

H Value based on field kit determination; results may not be accurate. This code shall be used if a field screening test (i.e., field gas chromatograph data, immunoassay, vendor-supplied field kit, etc.) was used to generate the value and the field kit or method has not been recognized by the Department as equivalent to laboratory methods.

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J Estimated value. A "J" value shall be accompanied by a narrative justification for its use. Where possible, the organization shall report whether the actual value is less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V, or Y, however, if additional reasons exist for identifying the value as estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. The following are some examples of narrative descriptions that may accompany a "J" code: .

J1: No known quality control criteria exist for the component;

J2: The reported value failed to meet the established quality control criteria for either precision or accuracy (the specific failure must be identified);

J3: The sample matrix interfered with the ability to make any accurate determination;

J4: The data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample).

J5: The field calibration verification did not meet calibration acceptance criteria.

J6: QC protocol not followed.

J7: B/A results for Chlorophyll does not meet 1 - 1.7 ratio.

K Off-scale low. Actual value is known to be less than the value given. This code shall be used if:

1. The value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or

2. The value is known to be less than the reported value based on sample size, dilution. This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.

L Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.

M When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than the method detection limit. If the value is less than the method detection limit use "T" below.

N Presumptive evidence of presence of material. This qualifier shall be used if:

1. The component has been tentatively identified based on mass spectral library search; or

2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).

O Sampled, but analysis lost or not performed.

Q Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.

T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.

U Indicates that the compound was analyzed for but not detected. This symbolshall be used to indicate that the specified component was not detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" above).

V Indicates that the analyte was detected in both the sample and the associated method blank. Note: the value in the blank shall not be subtracted from associated samples.

Y The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.

Z Too many colonies were present (TNTC); the numeric value represents the filtration volume.

? Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.

* Not reported due to interference.

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The following codes deal with certain aspects of field activities. The codes shall be used if the laboratory has knowledge of the specific sampling event. The codes shall be added by the organization collecting samples if they apply:

D The sample result was reported from a dilution.

E Indicates that extra samples were taken at composite stations.

R Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of 1/2 inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.

! Data deviate from historically established concentration ranges.

+ Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251, **Project ID:** 80263

Lab Batch #: 797237 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/03/10 12:00

SURROGATE RECOVERY STUDY

Chlorinated Acids in Water by EPA 515.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4-Dichlorophenylacetic Acid	<0.000	2.00	0	50-150	**

Lab Batch #: 796033 **Sample:** 551672-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/01/10 21:43

SURROGATE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	3.56	4.00	89	70-130	

Lab Batch #: 796033 **Sample:** 551672-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/01/10 22:06

SURROGATE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	5.03	4.00	126	70-130	

Lab Batch #: 796033 **Sample:** 363244-002 D / MD **Batch:** 1 **Matrix:** Waste Water

Units: ug/L **Date Analyzed:** 03/01/10 23:38

SURROGATE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	4.79	4.00	120	70-130	

Lab Batch #: 796033 **Sample:** 551672-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 01:33

SURROGATE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	4.95	4.00	124	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251, **Project ID:** 80263

Lab Batch #: 796033 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 02:19 **SURROGATE RECOVERY STUDY**

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	5.12	4.00	128	70-130	

Lab Batch #: 796033 **Sample:** 363621-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 03:06 **SURROGATE RECOVERY STUDY**

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	3.10	4.00	78	70-130	

Lab Batch #: 796553 **Sample:** 551304-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/03/10 08:19 **SURROGATE RECOVERY STUDY**

Organochlorine Pesticides and PCBs by EPA 608 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1482	0.1000	148	25-165	
Tetrachloro-m-xylene	0.1154	0.1000	115	32-137	

Lab Batch #: 796553 **Sample:** 551304-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/03/10 08:46 **SURROGATE RECOVERY STUDY**

Organochlorine Pesticides and PCBs by EPA 608 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1359	0.1000	136	25-165	
Tetrachloro-m-xylene	0.1015	0.1000	102	32-137	

Lab Batch #: 796553 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/03/10 09:41 **SURROGATE RECOVERY STUDY**

Organochlorine Pesticides and PCBs by EPA 608 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.1377	0.1000	138	25-165	
Tetrachloro-m-xylene	0.1268	0.1000	127	32-137	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251,

Project ID: 80263

Lab Batch #: 797238 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/05/10 12:00

Organohalide Pesticides and PCBs in Water by EPA 505 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	<0.000	<0.000		50-150	
Tetrachloro-m-xylene	<0.000	<0.000		50-150	

Lab Batch #: 797239 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/10 12:00

SVOCs by EPA 525.2 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Chlordane	<0.0000	<0.0000		70-150	
2,4,6-Tribromophenol	<0.000	<0.000		10-123	
2-Fluorobiphenyl	<0.000	<0.000		43-116	
Molinate	<0.000	<0.000		75-125	
Terphenyl-D14	<0.000	<0.000		33-141	

Lab Batch #: 796492 **Sample:** 551301-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/28/10 11:53

SVOCs by EPA 625 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	38.4	50.0	77	40-112	
2-Fluorophenol	42.3	100	42	24-64	
Nitrobenzene-d5	38.9	50.0	78	39-117	
Terphenyl-D14	49.7	50.0	99	31-146	
2,4,6-Tribromophenol	88.1	100	88	52-121	
Phenol-d6	29.3	100	29	14-48	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251,

Project ID: 80263

Lab Batch #: 796492 **Sample:** 551301-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/28/10 12:12

SVOCs by EPA 625 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	37.6	50.0	75	40-112	
2-Fluorophenol	40.7	100	41	24-64	
Nitrobenzene-d5	38.7	50.0	77	39-117	
Terphenyl-D14	49.1	50.0	98	31-146	
2,4,6-Tribromophenol	88.1	100	88	52-121	
Phenol-d6	32.6	100	33	14-48	

Lab Batch #: 796492 **Sample:** 363396-006 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/28/10 12:31

SVOCs by EPA 625 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	28.6	50.0	57	40-112	
2-Fluorophenol	33.1	100	33	24-64	
Nitrobenzene-d5	33.8	50.0	68	39-117	
Terphenyl-D14	45.5	50.0	91	31-146	
2,4,6-Tribromophenol	82.6	100	83	52-121	
Phenol-d6	25.7	100	26	14-48	

Lab Batch #: 796492 **Sample:** 363396-006 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/28/10 12:50

SVOCs by EPA 625 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	33.6	50.0	67	40-112	
2-Fluorophenol	39.7	100	40	24-64	
Nitrobenzene-d5	37.9	50.0	76	39-117	
Terphenyl-D14	45.7	50.0	91	31-146	
2,4,6-Tribromophenol	88.2	100	88	52-121	
Phenol-d6	30.6	100	31	14-48	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251,

Project ID: 80263

Lab Batch #: 796492 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/28/10 13:48

SVOCs by EPA 625 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	31.3	50.0	63	40-112	
2-Fluorophenol	32.4	100	32	24-64	
Nitrobenzene-d5	32.0	50.0	64	39-117	
Terphenyl-D14	43.2	50.0	86	31-146	
2,4,6-Tribromophenol	81.8	100	82	52-121	
Phenol-d6	24.6	100	25	14-48	

Lab Batch #: 796183 **Sample:** 551635-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 00:36

Total Toxic Organics by EPA 624 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	29.88	30.00	100	70-130	
Toluene-D8	29.76	30.00	99	70-130	
Dibromofluoromethane	29.20	30.00	97	70-130	

Lab Batch #: 796183 **Sample:** 551635-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 13:16

Total Toxic Organics by EPA 624 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	26.20	30.00	87	70-130	
Toluene-D8	29.47	30.00	98	70-130	
Dibromofluoromethane	31.01	30.00	103	70-130	

Lab Batch #: 796183 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 15:02

Total Toxic Organics by EPA 624 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	28.45	30.00	95	70-130	
Toluene-D8	28.89	30.00	96	70-130	
Dibromofluoromethane	29.83	30.00	99	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251, **Project ID:** 80263

Lab Batch #: 796183 **Sample:** 363401-003 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 19:49

Total Toxic Organics by EPA 624 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	27.06	30.00	90	70-130	
Toluene-D8	29.84	30.00	99	70-130	
Dibromofluoromethane	33.37	30.00	111	70-130	

Lab Batch #: 796183 **Sample:** 363401-003 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 03/02/10 20:12

Total Toxic Organics by EPA 624 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	29.74	30.00	99	70-130	
Toluene-D8	30.41	30.00	101	70-130	
Dibromofluoromethane	30.57	30.00	102	70-130	

Lab Batch #: 795692 **Sample:** 551530-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 11:29

Volatile Organic Compounds by EPA 524.2 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	23.37	25.00	93	70-130	
1,2-Dichlorobenzene-D4	24	25	97	70-130	

Lab Batch #: 795692 **Sample:** 551530-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 12:48

Volatile Organic Compounds by EPA 524.2 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	22.14	25.00	89	70-130	
1,2-Dichlorobenzene-D4	23	25	90	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO Laboratories
Florida Testing Services, LLC

Form 2 - Surrogate Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Orders : 363251,

Project ID: 80263

Lab Batch #: 795692 **Sample:** 363251-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 02/26/10 16:35

Volatile Organic Compounds by EPA 524.2 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	23.14	25.00	93	70-130	
1,2-Dichlorobenzene-D4	24	25	94	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **551229-1-BLK** Matrix: **WATER**
Lab Sample Id: **551229-1-BLK**

Analytical Method: Pri/Sec Metals per ICP/MS by EPA 200.8 Prep Method: E200.8P

Date Analyzed: Feb-26-10 19:20 Analyst: DAF Date Prep: Feb-24-10 10:17 Tech: TIB
Seq Number: 795978

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Antimony	7440-36-0	U	5.00	1.07	ug/L	U	1
Arsenic	7440-38-2	U	5.00	0.800	ug/L	U	1
Barium	7440-39-3	U	5.00	2.20	ug/L	U	1
Beryllium	7440-41-7	U	4.00	0.600	ug/L	U	1
Cadmium	7440-43-9	U	5.00	0.600	ug/L	U	1
Chromium	7440-47-3	U	5.00	0.354	ug/L	U	1
Copper	7440-50-8	0.400	2.00	0.211	ug/L	I	1
Lead	7439-92-1	U	5.00	0.947	ug/L	U	1
Manganese	7439-96-5	U	5.00	1.50	ug/L	U	1
Mercury	7439-97-6	U	0.2000	0.0190	ug/L	U	1
Nickel	7440-02-0	U	5.00	0.293	ug/L	U	1
Selenium	7782-49-2	U	5.00	1.78	ug/L	U	1
Silver	7440-22-4	U	5.00	0.803	ug/L	U	1
Thallium	7440-28-0	U	2.00	0.269	ug/L	U	1
Zinc	7440-66-6	8.10	5.00	0.915	ug/L		1

Project: Florida Standard List of Methods

Version: 1.049

Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **551230-1-BLK** Matrix: **WATER**
Lab Sample Id: **551230-1-BLK**

Analytical Method: Pri / Sec ICP-AES Metals by EPA 200.7 Prep Method: E200.7P

Date Analyzed: Mar-02-10 22:15 Analyst: IST Date Prep: Feb-24-10 10:21 Tech: TIB
Seq Number: 796340

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Aluminum	7429-90-5	U	200	46.0	ug/L	U	1
Iron	7439-89-6	U	100	45.0	ug/L	U	1
Sodium	7440-23-5	93.8	250	74.0	ug/L	I	1
Zinc	7440-66-6	U	25.0	5.30	ug/L	U	1

Project: Florida Standard List of Methods

Version: 1.049

Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **551301-1-BLK** Matrix: **WATER**
Lab Sample Id: **551301-1-BLK**

Analytical Method: SVOCs by EPA 625 Prep Method: E625P

Date Analyzed: Feb-28-10 11:53 Analyst: THB Date Prep: Feb-25-10 09:00 Tech: HEA
Seq Number: 796492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Acenaphthene	83-32-9	U	4.00	0.249	ug/L	U	1
Acenaphthylene	208-96-8	U	4.00	0.255	ug/L	U	1
Anthracene	120-12-7	U	4.00	0.249	ug/L	U	1
Benzidine	92-87-5	U	10.0	9.74	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	4.00	0.274	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	4.00	0.305	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	4.00	0.247	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	4.00	0.385	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	4.00	0.281	ug/L	U	1
Benzyl Alcohol	100-51-6	U	4.00	0.220	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	0.356	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	4.00	0.316	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	4.00	0.461	ug/L	U	1
bis(2-chloroisopropyl) ether	108-60-1	U	4.00	0.341	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	0.390	4.00	0.201	ug/L	I	1
4-Bromophenyl-phenylether	101-55-3	U	4.00	0.271	ug/L	U	1
Carbazole	86-74-8	U	4.00	0.278	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	4.00	0.221	ug/L	U	1
2-Chlorophenol	95-57-8	U	4.00	0.224	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	4.00	0.446	ug/L	U	1
Chrysene	218-01-9	U	4.00	0.276	ug/L	U	1
n-Decane	124-18-5	U	4.00	0.001	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	4.00	0.550	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	0.085	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	4.00	0.211	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	4.00	0.342	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	4.00	0.352	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	4.00	0.278	ug/L	U	1
3,3-Dichlorobenzidine +	91-94-1	U	4.00	0.309	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	4.00	0.432	ug/L	U	1
Diethyl Phthalate	84-66-2	11.7	10.0	0.328	ug/L		1
Dimethyl Phthalate	131-11-3	U	1.00	0.308	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	4.00	0.396	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	10.0	0.353	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	10.0	1.40	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	4.00	0.312	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	4.00	0.310	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	1.00	0.278	ug/L	U	1
1,2-Diphenylhydrazine	122-66-7	U	4.00	0.234	ug/L	U	1
Fluoranthene	206-44-0	U	4.00	0.201	ug/L	U	1
Fluorene	86-73-7	U	4.00	0.265	ug/L	U	1
Hexachlorobenzene	118-74-1	U	1.00	0.315	ug/L	U	1

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Sample Id: **551301-1-BLK** Matrix: **WATER**
Lab Sample Id: **551301-1-BLK**

Analytical Method: SVOCs by EPA 625 Prep Method: E625P

Date Analyzed: Feb-28-10 11:53 Analyst: THB Date Prep: Feb-25-10 09:00 Tech: HEA
Seq Number: 796492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Hexachlorobutadiene	87-68-3	U	4.00	0.448	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	4.00	0.741	ug/L	U	1
Hexachloroethane	67-72-1	U	2.00	0.362	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	4.00	0.259	ug/L	U	1
Isophorone	78-59-1	U	4.00	0.337	ug/L	U	1
1-Methylnaphthalene	90-12-0	U	1.00	0.103	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	1.00	0.113	ug/L	U	1
2-methylphenol	95-48-7	U	4.00	0.230	ug/L	U	1
3&4-Methylphenol	3/4-CRESOL	U	4.00	0.230	ug/L	U	1
Naphthalene	91-20-3	U	4.00	0.338	ug/L	U	1
2-Nitroaniline	88-74-4	U	50.0	0.060	ug/L	U	1
Nitrobenzene	98-95-3	U	4.00	0.306	ug/L	U	1
2-Nitrophenol	88-75-5	U	4.00	0.242	ug/L	U	1
4-Nitrophenol	100-02-7	U	10.0	0.786	ug/L	U	1
n-Octadecane	593-45-3	U	4.00	0.320	ug/L	U	1
Pentachlorophenol	87-86-5	U	10.0	0.672	ug/L	U	1
Phenanthrene	85-01-8	U	4.00	0.288	ug/L	U	1
Phenol	108-95-2	U	1.00	0.405	ug/L	U	1
Pyrene	129-00-0	U	4.00	0.468	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	4.00	0.225	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	4.00	0.380	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	1.00	0.274	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	4.000	0.100	ug/L	U	1

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Sample Id: **551304-1-BLK** Matrix: **WATER**
Lab Sample Id: **551304-1-BLK**

Analytical Method: Organochlorine Pesticides and PCBs by EPA 608 Prep Method: E608P

Date Analyzed: Mar-03-10 08:19 Analyst: SBR Date Prep: Feb-27-10 01:00 Tech: ROR
Seq Number: 796553

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB 1016/1260		U	0.5000	0.1101	ug/L	U	1
4,4-DDD	72-54-8	U	0.1000	0.0010	ug/L	U	1
4,4-DDE	72-55-9	U	0.1000	0.0015	ug/L	U	1
4,4-DDT	50-29-3	U	0.1000	0.0012	ug/L	U	1
Aldrin	309-00-2	U	0.0500	0.0014	ug/L	U	1
Alpha-BHC	319-84-6	U	0.0500	0.0009	ug/L	U	1
Beta-BHC	319-85-7	U	0.0200	0.0012	ug/L	U	1
Chlordane	57-74-9	U	1.000	0.0063	ug/L	U	1
Delta-BHC	319-86-8	U	0.0500	0.0009	ug/L	U	1
Dieldrin	60-57-1	U	0.0500	0.0011	ug/L	U	1
Endosulfan I	959-98-8	U	0.0500	0.0010	ug/L	U	1
Endosulfan II	33213-65-9	U	0.1000	0.0013	ug/L	U	1
Endosulfan Sulfate	1031-07-8	U	0.1000	0.0003	ug/L	U	1
Endrin	72-20-8	U	0.1000	0.0007	ug/L	U	1
Endrin Aldehyde	7421-93-4	U	0.1000	0.0007	ug/L	U	1
Gamma-BHC (Lindane)	58-89-9	U	0.0500	0.0006	ug/L	U	1
Heptachlor	76-44-8	U	0.0500	0.0015	ug/L	U	1
Heptachlor Epoxide	1024-57-3	U	0.0500	0.0012	ug/L	U	1
Methoxychlor	72-43-5	U	0.0500	0.0009	ug/L	U	1
Toxaphene	8001-35-2	U	3.000	0.0471	ug/L	U	1
PCB-1016	12674-11-2	U	0.5000	0.0124	ug/L	U	1
PCB-1221	11104-28-2	U	0.5000	0.0139	ug/L	U	1
PCB-1232	11141-16-5	U	0.5000	0.1900	ug/L	U	1
PCB-1242	53469-21-9	U	0.5000	0.0137	ug/L	U	1
PCB-1248	12672-29-6	U	0.5000	0.0085	ug/L	U	1
PCB-1254	11097-69-1	U	0.5000	0.0136	ug/L	U	1
PCB-1260	11096-82-5	U	0.5000	0.0151	ug/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551368-1-BLK** Matrix: **WATER**
Lab Sample Id: **551368-1-BLK**

Analytical Method: Inorganic Anions by EPA 300 Prep Method: E300P

Date Analyzed: Feb-24-10 14:08 Analyst: ZOE Date Prep: Feb-24-10 14:08 Tech: ZOE
Seq Number: 795371

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Fluoride	16984-48-8	U	0.200	0.030	mg/L	U	1
Chloride	16887-00-6	U	0.500	0.066	mg/L	U	1
Nitrite as N	7727-37-9	U	0.050	0.005	mg/L	U	1
Sulfate	14808-79-8	U	0.500	0.076	mg/L	U	1
Nitrate as N	7727-37-9	U	0.050	0.007	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551530-1-BLK** Matrix: **WATER**
Lab Sample Id: **551530-1-BLK**

Analytical Method: Volatile Organic Compounds by EPA 524.2 Prep Method: E524P

Date Analyzed: Feb-26-10 12:48 Analyst: ROL Date Prep: Feb-26-10 11:40 Tech: ROL
Seq Number: 795692

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Benzene	71-43-2	U	0.500	0.200	ug/L	U	1
Bromobenzene	108-86-1	U	0.500	0.200	ug/L	U	1
Bromochloromethane	74-97-5	U	0.500	0.200	ug/L	U	1
Bromodichloromethane	75-27-4	U	0.500	0.200	ug/L	U	1
Bromoform	75-25-2	U	0.500	0.200	ug/L	U	1
Methyl bromide	74-83-9	U	0.500	0.200	ug/L	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.200	ug/L	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.200	ug/L	U	1
n-Butylbenzene	104-51-8	U	0.500	0.200	ug/L	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.200	ug/L	U	1
Chlorobenzene	108-90-7	U	0.500	0.200	ug/L	U	1
Chloroform	67-66-3	U	0.500	0.200	ug/L	U	1
Methyl Chloride	74-87-3	U	0.500	0.200	ug/L	U	1
2-Chlorotoluene	95-49-8	U	0.500	0.200	ug/L	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.200	ug/L	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	U	1.00	0.200	ug/L	U	1
Dibromochloromethane	124-48-1	U	0.500	0.200	ug/L	U	1
1,2-Dibromoethane	106-93-4	U	0.500	0.200	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.200	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.200	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.200	ug/L	U	1
cis-1,2-Dichloroethylene	156-59-2	U	0.500	0.200	ug/L	U	1
trans-1,2-dichloroethylene	156-60-5	U	0.500	0.200	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.200	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.200	ug/L	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.200	ug/L	U	1
2,2-Dichloropropane	594-20-7	U	0.500	0.200	ug/L	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.200	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.500	0.200	ug/L	U	1
trans-1,3-dichloropropene	10061-02-6	U	0.500	0.200	ug/L	U	1
Isopropylbenzene	98-82-8	U	0.500	0.200	ug/L	U	1
Methylene Chloride	75-09-2	U	0.500	0.400	ug/L	U	1
MTBE	1634-04-4	U	0.500	0.200	ug/L	U	1
Naphthalene	91-20-3	U	0.500	0.200	ug/L	U	1
n-Propylbenzene	103-65-1	U	0.500	0.200	ug/L	U	1
Styrene	100-42-5	U	0.500	0.200	ug/L	U	1
1,1,1,2-Tetrachloroethane	630-20-6	U	0.500	0.200	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.200	ug/L	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.200	ug/L	U	1
Toluene	108-88-3	U	0.500	0.200	ug/L	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.500	0.200	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.500	0.200	ug/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551530-1-BLK** Matrix: **WATER**
Lab Sample Id: **551530-1-BLK**

Analytical Method: Volatile Organic Compounds by EPA 524.2 Prep Method: E524P

Date Analyzed: Feb-26-10 12:48 Analyst: ROL Date Prep: Feb-26-10 11:40 Tech: ROL
Seq Number: 795692

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	0.500	0.200	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.200	ug/L	U	1
1,2,3-Trichloropropane	96-18-4	U	0.500	0.200	ug/L	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.500	0.200	ug/L	U	1
Vinyl Chloride	75-01-4	U	0.500	0.200	ug/L	U	1
o-Xylene	95-47-6	U	0.500	0.200	ug/L	U	1
m,p-Xylenes	179601-23-1	U	0.500	0.400	ug/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551635-1-BLK** Matrix: **WATER**
Lab Sample Id: **551635-1-BLK**

Analytical Method: Total Toxic Organics by EPA 624 Prep Method: SW5030B

Date Analyzed: Mar-02-10 13:16 Analyst: ROL Date Prep: Mar-01-10 10:24 Tech: ROL
Seq Number: 796183

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Benzene	71-43-2	U	1.00	0.173	ug/L	U	1
Bromodichloromethane	75-27-4	U	2.00	0.191	ug/L	U	1
Bromoform	75-25-2	U	2.00	0.418	ug/L	U	1
Methyl bromide	74-83-9	U	2.00	0.610	ug/L	U	1
Carbon Tetrachloride	56-23-5	U	2.00	0.213	ug/L	U	1
Chlorobenzene	108-90-7	U	2.00	0.245	ug/L	U	1
Chloroethane	75-00-3	U	2.00	0.340	ug/L	U	1
2-Chloroethyl Vinyl Ether	110-75-8	U	10.0	0.612	ug/L	U	1
Chloroform	67-66-3	U	2.00	0.263	ug/L	U	1
Methyl Chloride	74-87-3	U	2.00	0.250	ug/L	U	1
Dibromochloromethane	124-48-1	U	2.00	0.256	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	2.00	0.338	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	2.00	0.255	ug/L	U	1
trans-1,2-dichloroethylene	156-60-5	U	2.00	0.399	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	2.00	0.269	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	2.00	0.326	ug/L	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	2.00	0.249	ug/L	U	1
Ethylbenzene	100-41-4	U	2.00	0.196	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	2.00	0.715	ug/L	U	1
Toluene	108-88-3	U	2.00	0.247	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	2.00	0.288	ug/L	U	1
1,1,1-Trichloroethane	71-55-6	U	2.00	0.232	ug/L	U	1
Trichloroethylene	79-01-6	U	2.00	0.305	ug/L	U	1
o-Xylene	95-47-6	U	2.00	0.298	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.398	ug/L	U	1
Methylene Chloride	75-09-2	U	5.00	1.00	ug/L	U	1
Acrolein	107-02-8	U	10.0	2.47	ug/L	U	1
Acrylonitrile	107-13-1	U	10.0	0.955	ug/L	U	1
Tetrachloroethylene	127-18-4	U	2.00	0.508	ug/L	U	1
Vinyl Chloride	75-01-4	U	1.00	0.414	ug/L	U	1
Total Xylenes	1330-20-7	U	2.00	0.298	ug/L		1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551672-1-BLK** Matrix: **WATER**
Lab Sample Id: **551672-1-BLK**

Analytical Method: EDB, DBCP & 123TCP by EPA 504.1 Prep Method: E504.1P

Date Analyzed: Mar-01-10 21:43 Analyst: MIS Date Prep: Mar-01-10 21:43 Tech: MIS
Seq Number: 796033

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2-Dibromoethane	106-93-4	U	0.010	0.006	ug/L	U	1
1,2-Dibromo-3-Chloropropane	96-12-8	U	0.020	0.003	ug/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **551697-1-BLK** Matrix: **WATER**
Lab Sample Id: **551697-1-BLK**

Analytical Method: BOD by SM5210B Prep Method: SM5210P

Date Analyzed: Mar-01-10 20:14 Analyst: RAF Date Prep: Feb-24-10 23:44 Tech: RCA
Seq Number: 795974

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Biochemical Oxygen Demand, 5 day		U	2.00	1.50	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795130-1-BLK** Matrix: **WATER**
Lab Sample Id: **795130-1-BLK**

Analytical Method: Color by SM2120B Prep Method:

Date Analyzed: Feb-23-10 18:20 Analyst: MID Date Prep: Tech: MID
Seq Number: 795130

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Color	1605	U	1.0	0.50	CU	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795132-1-BLK** Matrix: **WATER**
Lab Sample Id: **795132-1-BLK**

Analytical Method: ODOR by SM2150B Prep Method:

Date Analyzed: Feb-23-10 18:15 Analyst: MID Date Prep: Tech: MID
Seq Number: 795132

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Odor		U	1.0	1.0	T.O.N	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795249-1-BLK** Matrix: **WATER**
Lab Sample Id: **795249-1-BLK**

Analytical Method: MBAS Surfactants by SM5540C Prep Method:

Date Analyzed: Feb-24-10 10:00 Analyst: ARM Date Prep: Tech: CCAB
Seq Number: 795249

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Surfactants		U	0.100	0.043	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795386-1-BLK** Matrix: **WATER**
Lab Sample Id: **795386-1-BLK**

Analytical Method: Ortho-Phosphorus by EPA 365.1 Prep Method:

Date Analyzed: Feb-25-10 08:02 Analyst: IRU Date Prep: Tech: CCAB
Seq Number: 795386

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Ortho-Phosphate as P	7723-14-0	U	0.030	0.009	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795391-1-BLK** Matrix: **WATER**
Lab Sample Id: **795391-1-BLK**

Analytical Method: Turbidity by EPA 180.1 Prep Method:

Date Analyzed: Feb-24-10 16:50 Analyst: MID Date Prep: Tech: MID
Seq Number: 795391

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Turbidity		U	1.00	0.100	NTU	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795617-1-BLK** Matrix: **WATER**
Lab Sample Id: **795617-1-BLK**

Analytical Method: Specific Conductance by EPA 120.1 Prep Method:

Date Analyzed: Feb-26-10 09:30 Analyst: YAD Date Prep: Tech: YAD
Seq Number: 795617

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Conductivity		U	50.0	10.0	uS/cm	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795683-1-BLK** Matrix: **WATER**
Lab Sample Id: **795683-1-BLK**

Analytical Method: Total Cyanide by EPA 335.4 Prep Method:

Date Analyzed: Feb-26-10 14:12 Analyst: IDG Date Prep: Tech: IDG
Seq Number: 795683

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Cyanide, Total	57-12-5	U	0.010	0.004	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795791-1-BLK** Matrix: **WATER**
Lab Sample Id: **795791-1-BLK**

Analytical Method: Oil and Grease by EPA 1664A Prep Method:

Date Analyzed: Feb-26-10 19:00 Analyst: LWE Date Prep: Tech: JSL
Seq Number: 795791

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Oil & Grease, HEM		U	4.00	1.43	mg/L	U	1

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ANNUAL PRIORITY POLLUTANTS

Sample Id: **795914-1-BLK** Matrix: **WATER**
Lab Sample Id: **795914-1-BLK**

Analytical Method: Nitrogen, Kjeldahl, Total by EPA 351.2 Prep Method:

Date Analyzed: Mar-01-10 13:21 Analyst: IDG Date Prep: Tech: IDG
Seq Number: 795914

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Nitrogen, Total Kjeldahl	7727-37-9	U	0.300	0.074	mg/L	U	1
Total Organic Nitrogen (calculated)		U	0.300	0.001	mg/L	U	1
Total Nitrogen (calculated)		U	0.300	0.001	mg/L	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **796217-1-BLK** Matrix: **WATER**
Lab Sample Id: **796217-1-BLK**

Analytical Method: Nitrogen, Ammonia by EPA 350.1 Prep Method:

Date Analyzed: Mar-02-10 14:10 Analyst: IDG Date Prep: Tech: IDG
Seq Number: 796217

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Nitrogen, Ammonia (as N)	7664-41-7	U	0.064	0.016	mg/L	U	1

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Miami Dade Water & Sewer, Miami, FL

ANNUAL PRIORITY POLLUTANTS

Sample Id: **796318-1-BLK** Matrix: **WATER**
Lab Sample Id: **796318-1-BLK**

Analytical Method: TDS by SM2540C Prep Method:

Date Analyzed: Feb-26-10 16:30 Analyst: RWA Date Prep: Tech: RWA
Seq Number: 796318

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Total dissolved solids	TDS	U	5.00	5.00	mg/L	U	1

Project: Florida Standard List of Methods

Version: 1.049

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795974 **Sample:** 551697-1-BKS **Matrix:** Water
Date Analyzed: 03/01/2010 **Date Prepared:** 02/24/2010 **Analyst:** RAF
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

BOD by SM5210B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Biochemical Oxygen Demand, 5 day	<1.50	198	199	101	85-115	

Lab Batch #: 795130 **Sample:** 795130-1-BKS **Matrix:** Water
Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** MID
Reporting Units: CU **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Color by SM2120B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Color	<0.50	500	500	100	80-120	

Lab Batch #: 796340 **Sample:** 551230-1-BKS **Matrix:** Water
Date Analyzed: 03/02/2010 **Date Prepared:** 02/24/2010 **Analyst:** IST
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Pri / Sec ICP-AES Metals by EPA 200.7 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Aluminum	<46.0	5000	5370	107	70-130	
Iron	<45.0	5000	5200	104	70-130	
Sodium	93.8	25000	27000	108	70-130	
Zinc	<5.30	1000	1010	101	70-130	

Lab Batch #: 795371 **Sample:** 551368-1-BKS **Matrix:** Water
Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ZOE
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Inorganic Anions by EPA 300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Fluoride	<0.030	5.00	5.09	102	90-110	
Chloride	<0.066	5.00	4.86	97	90-110	
Nitrite as N	<0.005	1.52	1.60	105	90-110	
Sulfate	<0.076	5.00	4.83	97	90-110	
Nitrate as N	<0.007	1.13	1.07	95	90-110	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795978 **Sample:** 551229-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/24/2010 **Analyst:** DAF

Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Pri/Sec Metals per ICP/MS by EPA 200.8 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Antimony	<1.07	200	240	120	70-130	
Arsenic	<0.800	200	199	100	70-130	
Barium	<2.20	200	200	100	70-130	
Beryllium	<0.600	200	200	100	70-130	
Cadmium	<0.600	200	196	98	70-130	
Chromium	<0.354	200	195	98	70-130	
Copper	0.400	200	192	96	70-130	
Lead	<0.947	200	197	99	70-130	
Manganese	<1.50	200	200	100	70-130	
Mercury	<0.0190	2.000	2.000	100	70-130	
Nickel	<0.293	200	192	96	70-130	
Selenium	<1.78	200	202	101	70-130	
Silver	<0.803	100	98.5	99	70-130	
Thallium	<0.269	200	193	97	70-130	
Zinc	8.10	200	195	98	70-130	

Lab Batch #: 796217 **Sample:** 796217-1-BKS **Matrix:** Water

Date Analyzed: 03/02/2010 **Date Prepared:** 03/02/2010 **Analyst:** IDG

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Nitrogen, Ammonia by EPA 350.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Nitrogen, Ammonia (as N)	<0.016	2.50	2.56	102	90-110	

Lab Batch #: 795914 **Sample:** 795914-1-BKS **Matrix:** Water

Date Analyzed: 03/01/2010 **Date Prepared:** 03/01/2010 **Analyst:** IDG

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Nitrogen, Kjeldahl, Total by EPA 351.2 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Nitrogen, Total Kjeldahl	<0.074	5.00	4.73	95	90-110	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795791 **Sample:** 795791-1-BKS **Matrix:** Water
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** LWE
Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Oil and Grease by EPA 1664A Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Oil & Grease, HEM	<1.43	200	199	100	78-114	

Lab Batch #: 796553 **Sample:** 551304-1-BKS **Matrix:** Water
Date Analyzed: 03/03/2010 **Date Prepared:** 02/27/2010 **Analyst:** SBR
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Organochlorine Pesticides and PCBs by EPA 60 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
4,4-DDD	<0.0010	0.1000	0.1079	108	28-209	
4,4-DDE	<0.0015	0.1000	0.1064	106	38-174	
4,4-DDT	<0.0012	0.1000	0.0908	91	14-228	
Aldrin	<0.0014	0.1000	0.1048	105	43-149	
Alpha-BHC	<0.0009	0.1000	0.0902	90	33-150	
Beta-BHC	<0.0012	0.1000	0.0987	99	37-162	
Delta-BHC	<0.0009	0.1000	0.0571	57	0-146	
Dieldrin	<0.0011	0.1000	0.1093	109	47-162	
Endosulfan I	<0.0010	0.1000	0.1066	107	42-148	
Endosulfan II	<0.0013	0.1000	0.1109	111	19-214	
Endosulfan Sulfate	<0.0003	0.1000	0.1018	102	8-218	
Endrin	<0.0007	0.1000	0.1076	108	41-189	
Endrin Aldehyde	<0.0007	0.1000	0.1113	111	12-217	
Gamma-BHC (Lindane)	<0.0006	0.1000	0.0951	95	33-155	
Heptachlor	<0.0015	0.1000	0.0880	88	47-148	
Heptachlor Epoxide	<0.0012	0.1000	0.1065	107	48-138	
Methoxychlor	<0.0009	0.1000	0.0876	88	0-317	

Lab Batch #: 795386 **Sample:** 795386-1-BKS **Matrix:** Water
Date Analyzed: 02/25/2010 **Date Prepared:** 02/25/2010 **Analyst:** IRU
Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Ortho-Phosphorus by EPA 365.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Ortho-Phosphate as P	<0.009	0.500	0.530	106	90-110	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 796492 **Sample:** 551301-1-BKS **Matrix:** Water

Date Analyzed: 02/28/2010 **Date Prepared:** 02/25/2010 **Analyst:** THB

Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

SVOCs by EPA 625 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Acenaphthene	<0.249	50.0	38.8	78	47-145	
Acenaphthylene	<0.255	50.0	40.5	81	33-143	
Anthracene	<0.249	50.0	42.5	85	27-133	
Benzidine	<9.74	50.0	<10.0	0	10-104	J
Benzo(a)anthracene	<0.274	50.0	44.4	89	33-143	
Benzo(a)pyrene	<0.305	50.0	43.0	86	17-163	
Benzo(b)fluoranthene	<0.247	50.0	35.6	71	24-159	
Benzo(k)fluoranthene	<0.385	50.0	53.4	107	11-162	
Benzo(g,h,i)perylene	<0.281	50.0	42.7	85	10-219	
Benzyl Alcohol	<0.220	50.0	30.5	61	70-130	JL
Benzyl Butyl Phthalate	<0.356	50.0	45.9	92	10-152	
bis(2-chloroethoxy) methane	<0.316	50.0	38.6	77	33-184	
bis(2-chloroethyl) ether	<0.461	50.0	36.6	73	12-158	
bis(2-chloroisopropyl) ether	<0.341	50.0	37.4	75	36-166	
bis(2-ethylhexyl) phthalate	0.390	50.0	46.9	94	10-158	
4-Bromophenyl-phenylether	<0.271	50.0	38.0	76	53-127	
Carbazole	<0.278	50.0	41.6	83	73-131	
4-chloro-3-methylphenol	<0.221	50.0	40.1	80	22-147	
2-Chlorophenol	<0.224	50.0	34.7	69	23-134	
4-Chlorophenyl Phenyl Ether	<0.446	50.0	39.2	78	25-158	
Chrysene	<0.276	50.0	46.3	93	17-168	
n-Decane	<0.001	50.0	32.8	66	10-200	
Dibenz(a,h)anthracene	<0.550	50.0	43.9	88	10-227	
Dibenzofuran	<0.085	50.0	40.1	80	70-130	
di-n-Butyl Phthalate	<0.211	50.0	42.6	85	57-126	
1,2-Dichlorobenzene	<0.342	50.0	36.1	72	32-129	
1,3-Dichlorobenzene	<0.352	50.0	33.5	67	10-172	
1,4-Dichlorobenzene	<0.278	50.0	33.8	68	20-124	
3,3-Dichlorobenzidine	<0.309	50.0	38.1	76	10-262	
2,4-Dichlorophenol	<0.432	50.0	39.1	78	39-135	
Diethyl Phthalate	11.7	50.0	44.1	88	10-114	
Dimethyl Phthalate	<0.308	50.0	42.0	84	10-112	
2,4-Dimethylphenol	<0.396	50.0	38.3	77	32-119	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 796492 **Sample:** 551301-1-BKS **Matrix:** Water

Date Analyzed: 02/28/2010 **Date Prepared:** 02/25/2010 **Analyst:** THB

Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

SVOCs by EPA 625 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
4,6-dinitro-2-methyl phenol	<0.353	50.0	38.3	77	10-181	
2,4-Dinitrophenol	<1.40	50.0	38.9	78	10-191	
2,4-Dinitrotoluene	<0.312	50.0	42.5	85	39-139	
2,6-Dinitrotoluene	<0.310	50.0	41.7	83	50-158	
di-n-Octyl Phthalate	<0.278	50.0	45.2	90	10-146	
1,2-Diphenylhydrazine	<0.234	50.0	41.9	84	45-115	
Fluoranthene	<0.201	50.0	41.2	82	26-137	
Fluorene	<0.265	50.0	36.0	72	59-121	
Hexachlorobenzene	<0.315	50.0	43.5	87	10-152	
Hexachlorobutadiene	<0.448	50.0	39.2	78	24-116	
Hexachlorocyclopentadiene	<0.741	50.0	35.4	71	10-115	
Hexachloroethane	<0.362	50.0	34.8	70	40-113	
Indeno(1,2,3-c,d)Pyrene	<0.259	50.0	44.4	89	10-171	
Isophorone	<0.337	50.0	44.8	90	21-196	
1-Methylnaphthalene	<0.103	50.0	40.1	80	70-130	
2-Methylnaphthalene	<0.113	50.0	37.2	74	70-130	
2-methylphenol	<0.230	50.0	33.7	67	55-126	
3&4-Methylphenol	<0.230	50.0	33.2	66	76-107	JL
Naphthalene	<0.338	50.0	36.7	73	21-133	
2-Nitroaniline	<0.060	50.0	41.9	84	70-130	
Nitrobenzene	<0.306	50.0	40.0	80	35-180	
2-Nitrophenol	<0.242	50.0	37.1	74	29-182	
4-Nitrophenol	<0.786	50.0	18.7	37	10-132	
n-Octadecane	<0.320	50.0	49.6	99	65-123	
Pentachlorophenol	<0.672	50.0	39.0	78	14-176	
Phenanthrene	<0.288	50.0	41.4	83	54-120	
Phenol	<0.405	50.0	16.5	33	10-112	
Pyrene	<0.468	50.0	46.1	92	52-115	
1,2,4-Trichlorobenzene	<0.225	50.0	36.8	74	44-142	
2,4,5-Trichlorophenol	<0.380	50.0	46.0	92	70-130	
2,4,6-Trichlorophenol	<0.274	50.0	42.9	86	37-144	
N-Nitrosodi-n-Propylamine	<0.100	50.0	38.6	77	41-120	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795617 **Sample:** 795617-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** YAD

Reporting Units: uS/cm **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Specific Conductance by EPA 120.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Conductivity	<10.0	1410	1220	87	80-120	

Lab Batch #: 796318 **Sample:** 796318-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** RWA

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TDS by SM2540C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Total dissolved solids	<5.00	1000	950	95	80-120	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 796183 **Sample:** 551635-1-BKS **Matrix:** Water

Date Analyzed: 03/02/2010 **Date Prepared:** 03/01/2010 **Analyst:** ROL

Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Total Toxic Organics by EPA 624 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.173	20.0	19.2	96	70-130	
Bromodichloromethane	<0.191	20.0	19.9	100	70-130	
Bromoform	<0.418	20.0	17.5	88	70-130	
Methyl bromide	<0.610	20.0	23.0	115	70-130	
Carbon Tetrachloride	<0.213	20.0	19.1	96	70-130	
Chlorobenzene	<0.245	20.0	19.1	96	70-130	
Chloroethane	<0.340	20.0	19.7	99	70-130	
2-Chloroethyl Vinyl Ether	<0.612	20.0	16.0	80	70-130	
Chloroform	<0.263	20.0	19.4	97	70-130	
Methyl Chloride	<0.250	20.0	22.0	110	70-130	
Dibromochloromethane	<0.256	20.0	20.1	101	70-130	
1,2-Dichloroethane	<0.338	20.0	19.7	99	70-130	
1,1-Dichloroethane	<0.255	20.0	19.2	96	70-130	
trans-1,2-dichloroethylene	<0.399	20.0	19.0	95	70-130	
1,1-Dichloroethene	<0.269	20.0	18.7	94	70-130	
1,2-Dichloropropane	<0.326	20.0	19.8	99	70-130	
trans-1,3-dichloropropene	<0.359	20.0	19.0	95	70-130	
cis-1,3-Dichloropropene	<0.249	20.0	14.3	72	70-130	
Ethylbenzene	<0.196	20.0	19.5	98	70-130	
1,1,2,2-Tetrachloroethane	<0.715	20.0	20.0	100	70-130	
Toluene	<0.247	20.0	18.9	95	70-130	
1,1,2-Trichloroethane	<0.288	20.0	20.1	101	70-130	
1,1,1-Trichloroethane	<0.232	20.0	19.1	96	70-130	
Trichloroethylene	<0.305	20.0	20.0	100	70-130	
o-Xylene	<0.298	20.0	19.8	99	70-130	
m,p-Xylenes	<0.398	40.0	39.1	98	70-130	
Methylene Chloride	<1.00	20.0	19.6	98	70-130	
Acrolein	<2.47	50.0	52.0	104	70-130	
Acrylonitrile	<0.955	50.0	45.4	91	70-130	
Tetrachloroethylene	<0.508	20.0	19.5	98	70-130	
Vinyl Chloride	<0.414	20.0	18.3	92	70-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795391 **Sample:** 795391-1-BKS **Matrix:** Water

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** MID

Reporting Units: NTU **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Turbidity by EPA 180.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Turbidity	<0.100	14.4	14.3	99	80-120	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795692 **Sample:** 551530-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** ROL

Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Volatile Organic Compounds by EPA 524.2 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.200	5.00	4.80	96	70-130	
Bromobenzene	<0.200	5.00	4.35	87	70-130	
Bromochloromethane	<0.200	5.00	5.18	104	70-130	
Bromodichloromethane	<0.200	5.00	4.84	97	70-130	
Bromoform	<0.200	5.00	4.65	93	70-130	
Methyl bromide	<0.200	5.00	3.69	74	70-130	
tert-Butylbenzene	<0.200	5.00	4.33	87	70-130	
Sec-Butylbenzene	<0.200	5.00	4.25	85	70-130	
n-Butylbenzene	<0.200	5.00	4.16	83	70-130	
Carbon Tetrachloride	<0.200	5.00	4.97	99	70-130	
Chlorobenzene	<0.200	5.00	4.49	90	70-130	
Chloroform	<0.200	5.00	4.90	98	70-130	
Methyl Chloride	<0.200	5.00	5.37	107	70-130	
2-Chlorotoluene	<0.200	5.00	4.22	84	70-130	
4-Chlorotoluene	<0.200	5.00	4.25	85	70-130	
1,2-Dibromo-3-Chloropropane	<0.200	5.00	4.61	92	70-130	
Dibromochloromethane	<0.200	5.00	4.43	89	70-130	
1,2-Dibromoethane	<0.200	5.00	5.13	103	70-130	
1,2-Dichlorobenzene	<0.200	5.00	4.55	91	70-130	
1,4-Dichlorobenzene	<0.200	5.00	4.24	85	70-130	
1,2-Dichloroethane	<0.200	5.00	5.27	105	70-130	
cis-1,2-Dichloroethylene	<0.200	5.00	4.79	96	70-130	
trans-1,2-dichloroethylene	<0.200	5.00	4.84	97	70-130	
1,1-Dichloroethene	<0.200	5.00	5.11	102	70-130	
1,2-Dichloropropane	<0.200	5.00	4.86	97	70-130	
1,3-Dichloropropane	<0.200	5.00	4.88	98	70-130	
2,2-Dichloropropane	<0.200	5.00	4.72	94	70-130	
1,1-Dichloropropene	<0.200	5.00	4.36	87	70-130	
cis-1,3-Dichloropropene	<0.200	5.00	4.36	87	70-130	
trans-1,3-dichloropropene	<0.200	5.00	3.85	77	70-130	
Isopropylbenzene	<0.200	5.00	4.45	89	70-130	
Methylene Chloride	<0.400	5.00	6.20	124	70-130	
MTBE	<0.200	5.00	4.68	94	70-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Blank Spike Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Lab Batch #: 795692 **Sample:** 551530-1-BKS **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** ROL

Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Volatile Organic Compounds by EPA 524.2 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Naphthalene	<0.200	5.00	5.00	100	70-130	
n-Propylbenzene	<0.200	5.00	4.26	85	70-130	
Styrene	<0.200	5.00	4.11	82	70-130	
1,1,1,2-Tetrachloroethane	<0.200	5.00	4.29	86	70-130	
1,1,2,2-Tetrachloroethane	<0.200	5.00	4.73	95	70-130	
Tetrachloroethylene	<0.200	5.00	4.76	95	70-130	
Toluene	<0.200	5.00	4.52	90	70-130	
1,2,3-Trichlorobenzene	<0.200	5.00	5.02	100	70-130	
1,2,4-Trichlorobenzene	<0.200	5.00	4.73	95	70-130	
1,1,1-Trichloroethane	<0.200	5.00	5.06	101	70-130	
Trichlorofluoromethane	<0.200	5.00	5.42	108	70-130	
1,2,3-Trichloropropane	<0.200	5.00	4.83	97	70-130	
1,3,5-Trimethylbenzene	<0.200	5.00	4.45	89	70-130	
Vinyl Chloride	<0.200	5.00	5.15	103	70-130	
o-Xylene	<0.200	5.00	4.51	90	70-130	
m,p-Xylenes	<0.400	10.0	8.65	87	70-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251 **Project ID:** 80263

Analyst: MIS **Date Prepared:** 03/01/2010 **Date Analyzed:** 03/01/2010

Lab Batch ID: 796033 **Sample:** 551672-1-BKS **Batch #:** 1 **Matrix:** Water

Units: ug/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2-Dibromoethane	<0.006	0.250	0.367	147	0.25	0.369	148	1	70-130	20	JH
1,2-Dibromo-3-Chloropropane	<0.003	0.250	0.396	158	0.25	0.394	158	1	70-130	20	JH
1,2,3-Trichloropropane	<0.014	0.250	0.398	159	0.25	0.328	131	19	70-130	20	JH

Analyst: ARM **Date Prepared:** 02/24/2010 **Date Analyzed:** 02/24/2010

Lab Batch ID: 795249 **Sample:** 795249-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

MBAS Surfactants by SM5540C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Surfactants	<0.043	1.00	0.982	98	1	0.986	99	0	70-130	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 796033 **Project ID:** 80263

Date Analyzed: 03/02/2010 **Date Prepared:** 03/01/2010 **Analyst:** MIS

QC- Sample ID: 363621-001 S **Batch #:** 1 **Matrix:** Water

Reporting Units: ug/L

MATRIX / MATRIX SPIKE RECOVERY STUDY

EDB, DBCP & 123TCP by EPA 504.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
1,2-Dibromoethane	<0.010	0.250	0.240	96	70-130	
1,2-Dibromo-3-Chloropropane	<0.020	0.250	0.254	102	70-130	
1,2,3-Trichloropropane	<0.020	0.250	0.209	84	70-130	

Lab Batch #: 795978

Date Analyzed: 02/26/2010 **Date Prepared:** 02/24/2010 **Analyst:** DAF

QC- Sample ID: 363122-010 S **Batch #:** 1 **Matrix:** Drinking Water

Reporting Units: ug/L

MATRIX / MATRIX SPIKE RECOVERY STUDY

Metals per ICP/MS by EPA 200.8 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Antimony	<5.00	200	250	125	70-130	
Arsenic	8.40	200	205	98	70-130	
Barium	3.00	200	213	105	70-130	
Beryllium	<4.00	200	201	101	70-130	
Cadmium	<5.00	200	193	97	70-130	
Chromium	0.700	200	198	99	70-130	
Copper	23.9	200	213	95	70-130	
Lead	<5.00	200	202	101	70-130	
Manganese	<5.00	200	200	100	70-130	
Mercury	<0.2000	2.000	2.100	105	70-130	
Nickel	0.700	200	191	95	70-130	
Selenium	14.1	200	211	98	70-130	
Silver	<5.00	100	96.9	97	70-130	
Thallium	1.00	200	200	100	70-130	
Zinc	14.3	200	207	96	70-130	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796340 **QC- Sample ID:** 363137-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/02/2010 **Date Prepared:** 02/24/2010 **Analyst:** IST

Reporting Units: ug/L

Pri / Sec ICP-AES Metals by EPA 200.7 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Aluminum	<200	5000	5220	104	5000	5220	104	0	70-130	20	
Iron	2100	5000	7090	100	5000	7130	101	1	70-130	20	
Sodium	29000	25000	55000	104	25000	55200	105	0	70-130	20	
Zinc	7.30	1000	982	97	1000	966	96	2	70-130	20	

Lab Batch ID: 795371 **QC- Sample ID:** 363250-001 S **Batch #:** 1 **Matrix:** Ground Water

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ZOE

Reporting Units: mg/L

Inorganic Anions by EPA 300 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Fluoride	0.436	5.00	5.32	98	5.00	5.30	97	0	90-110	20	
Chloride	289	5.00	267	0	5.00	266	0	0	90-110	20	J
Nitrite as N	<0.050	1.52	1.91	126	1.52	1.93	127	1	90-110	20	J
Sulfate	76.5	5.00	74.6	0	5.00	74.3	0	0	90-110	20	J
Nitrate as N	<0.050	1.13	1.09	96	1.13	1.10	97	1	90-110	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 795249 **QC- Sample ID:** 363251-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ARM

Reporting Units: mg/L

MBAS Surfactants by SM5540C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Surfactants	0.233	1.00	0.996	76	1.00	0.996	76	0	70-130	30	

Lab Batch ID: 795978 **QC- Sample ID:** 363122-009 S **Batch #:** 1 **Matrix:** Drinking Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/24/2010 **Analyst:** DAF

Reporting Units: ug/L

Pri/Sec Metals per ICP/MS by EPA 200.8 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Antimony	<5.00	200	259	130	200	247	124	5	70-130	20	
Arsenic	2.40	200	211	104	200	208	103	1	70-130	20	
Barium	2.50	200	218	108	200	207	102	5	70-130	20	
Beryllium	<4.00	200	207	104	200	198	99	4	70-130	20	
Cadmium	<5.00	200	199	100	200	191	96	4	70-130	20	
Chromium	0.700	200	203	101	200	195	97	4	70-130	20	
Copper	21.1	200	220	99	200	209	94	5	70-130	20	
Lead	2.30	200	211	104	200	201	99	5	70-130	20	
Manganese	<5.00	200	207	104	200	199	100	4	70-130	20	
Mercury	<0.2000	2.000	2.200	110	2.000	2.100	105	5	70-130	20	
Nickel	0.600	200	197	98	200	189	94	4	70-130	20	
Selenium	2.50	200	211	104	200	223	110	6	70-130	20	
Silver	<5.00	100	99.7	100	100	95.4	95	4	70-130	20	
Thallium	<2.00	200	206	103	200	197	99	4	70-130	20	
Zinc	27.1	200	225	99	200	213	93	5	70-130	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796217 **QC- Sample ID:** 363135-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 03/02/2010 **Date Prepared:** 03/02/2010 **Analyst:** IDG
Reporting Units: mg/L

Nitrogen, Ammonia by EPA 350.1 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Nitrogen, Ammonia (as N)	5.63	2.50	8.10	99	2.50	8.11	99	0	90-110	20	

Lab Batch ID: 795914 **QC- Sample ID:** 363251-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 03/01/2010 **Date Prepared:** 03/01/2010 **Analyst:** IDG
Reporting Units: mg/L

Nitrogen, Kjeldahl, Total by EPA 351.2 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Nitrogen, Total Kjeldahl	24.4	5.00	29.5	102	5.00	30.3	118	3	90-110	20	J

Lab Batch ID: 795791 **QC- Sample ID:** 362718-005 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** LWE
Reporting Units: mg/L

Oil and Grease by EPA 1664A Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Oil & Grease, HEM	<4.00	200	193	97	200	195	98	1	78-114	18	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 795386 **QC- Sample ID:** 363249-009 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/25/2010 **Date Prepared:** 02/25/2010 **Analyst:** IRU

Reporting Units: mg/L

Ortho-Phosphorus by EPA 365.1 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Ortho-Phosphate as P	0.069	0.500	0.578	102	0.500	0.577	102	0	90-110	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796492 **QC- Sample ID:** 363396-006 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/28/2010 **Date Prepared:** 02/25/2010 **Analyst:** THB

Reporting Units: ug/L

SVOCs by EPA 625 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Acenaphthene	<4.00	50.0	32.7	65	50.0	37.0	74	12	47-145	20	
Acenaphthylene	<4.00	50.0	34.6	69	50.0	38.2	76	10	33-143	20	
Anthracene	<4.00	50.0	39.9	80	50.0	41.4	83	4	27-133	20	
Benzidine	<10.0	50.0	21.3	43	50.0	17.3	35	21	10-104	20	F
Benzo(a)anthracene	<4.00	50.0	42.5	85	50.0	42.9	86	1	33-143	20	
Benzo(a)pyrene	<4.00	50.0	41.0	82	50.0	41.9	84	2	17-163	20	
Benzo(b)fluoranthene	<4.00	50.0	34.6	69	50.0	47.5	95	31	24-159	20	F
Benzo(k)fluoranthene	<4.00	50.0	51.1	102	50.0	34.6	69	39	11-162	20	F
Benzo(g,h,i)perylene	<4.00	50.0	41.4	83	50.0	42.2	84	2	10-219	20	
Benzyl Alcohol	<4.00	50.0	25.6	51	50.0	29.8	60	15	70-130	20	J
Benzyl Butyl Phthalate	<10.0	50.0	43.9	88	50.0	43.4	87	1	10-152	20	
bis(2-chloroethoxy) methane	<4.00	50.0	33.6	67	50.0	37.0	74	10	33-184	20	
bis(2-chloroethyl) ether	<4.00	50.0	31.6	63	50.0	35.3	71	11	12-158	20	
bis(2-chloroisopropyl) ether	<4.00	50.0	30.4	61	50.0	34.6	69	13	36-166	20	
bis(2-ethylhexyl) phthalate	0.360	50.0	44.8	89	50.0	43.9	87	2	10-158	20	
4-Bromophenyl-phenylether	<4.00	50.0	35.0	70	50.0	36.9	74	5	53-127	20	
Carbazole	<4.00	50.0	40.1	80	50.0	41.6	83	4	73-131	20	
4-chloro-3-methylphenol	<4.00	50.0	36.4	73	50.0	38.1	76	5	22-147	20	
2-Chlorophenol	<4.00	50.0	29.7	59	50.0	33.5	67	12	23-134	20	
4-Chlorophenyl Phenyl Ether	<4.00	50.0	35.5	71	50.0	37.5	75	5	25-158	20	
Chrysene	<4.00	50.0	44.7	89	50.0	45.4	91	2	17-168	20	
n-Decane	<4.00	50.0	18.5	37	50.0	15.9	32	15	10-200	20	
Dibenz(a,h)anthracene	<4.00	50.0	42.8	86	50.0	42.6	85	0	10-227	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796492 **QC- Sample ID:** 363396-006 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/28/2010 **Date Prepared:** 02/25/2010 **Analyst:** THB

Reporting Units: ug/L

SVOCs by EPA 625 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Dibenzofuran	<10.0	50.0	35.7	71	50.0	38.7	77	8	70-130	20	
di-n-Butyl Phthalate	<4.00	50.0	41.8	84	50.0	41.8	84	0	57-126	20	
1,2-Dichlorobenzene	<4.00	50.0	22.1	44	50.0	23.0	46	4	32-129	20	
1,3-Dichlorobenzene	<4.00	50.0	20.3	41	50.0	20.1	40	1	10-172	20	
1,4-Dichlorobenzene	<4.00	50.0	20.6	41	50.0	21.3	43	3	20-124	20	
3,3-Dichlorobenzidine	<4.00	50.0	38.0	76	50.0	39.3	79	3	10-262	20	
2,4-Dichlorophenol	<4.00	50.0	34.6	69	50.0	37.5	75	8	39-135	20	
Diethyl Phthalate	4.26	50.0	44.0	79	50.0	42.8	77	3	10-114	20	
Dimethyl Phthalate	<1.00	50.0	39.2	78	50.0	39.3	79	0	10-112	20	
2,4-Dimethylphenol	<4.00	50.0	34.6	69	50.0	36.7	73	6	32-119	20	
4,6-dinitro-2-methyl phenol	<10.0	50.0	37.3	75	50.0	37.8	76	1	10-181	20	
2,4-Dinitrophenol	<10.0	50.0	39.8	80	50.0	40.5	81	2	10-191	20	
2,4-Dinitrotoluene	<4.00	50.0	41.6	83	50.0	41.5	83	0	39-139	20	
2,6-Dinitrotoluene	<4.00	50.0	39.6	79	50.0	41.6	83	5	50-158	20	
di-n-Octyl Phthalate	<1.00	50.0	42.8	86	50.0	42.0	84	2	10-146	20	
1,2-Diphenylhydrazine	<4.00	50.0	39.1	78	50.0	40.8	82	4	45-115	20	
Fluoranthene	<4.00	50.0	41.4	83	50.0	42.0	84	1	26-137	20	
Fluorene	<4.00	50.0	34.0	68	50.0	35.9	72	5	59-121	20	
Hexachlorobenzene	<1.00	50.0	40.9	82	50.0	41.7	83	2	10-152	20	
Hexachlorobutadiene	<4.00	50.0	21.7	43	50.0	22.9	46	5	24-116	20	
Hexachlorocyclopentadiene	<4.00	50.0	20.0	40	50.0	26.2	52	27	10-115	20	F
Hexachloroethane	<2.00	50.0	20.3	41	50.0	18.3	37	10	40-113	20	J
Indeno(1,2,3-c,d)Pyrene	<4.00	50.0	42.1	84	50.0	43.0	86	2	10-171	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796492 **QC- Sample ID:** 363396-006 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/28/2010 **Date Prepared:** 02/25/2010 **Analyst:** THB

Reporting Units: ug/L

SVOCs by EPA 625 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Isophorone	<4.00	50.0	40.7	81	50.0	43.3	87	6	21-196	20	
1-Methylnaphthalene	<1.00	50.0	29.2	58	50.0	34.5	69	17	70-130	20	J
2-Methylnaphthalene	<1.00	50.0	26.7	53	50.0	31.2	62	16	70-130	20	J
2-methylphenol	<4.00	50.0	28.3	57	50.0	31.9	64	12	55-126	20	
3&4-Methylphenol	<4.00	50.0	27.6	55	50.0	30.9	62	11	76-107	20	J
Naphthalene	<4.00	50.0	25.1	50	50.0	29.0	58	14	21-133	20	
2-Nitroaniline	<50.0	50.0	38.8	78	50.0	41.1	82	6	70-130	20	
Nitrobenzene	<4.00	50.0	34.8	70	50.0	38.1	76	9	35-180	20	
2-Nitrophenol	<4.00	50.0	33.0	66	50.0	36.7	73	11	29-182	20	
4-Nitrophenol	<10.0	50.0	17.2	34	50.0	18.1	36	5	10-132	20	
n-Octadecane	<4.00	50.0	44.5	89	50.0	46.6	93	5	65-123	20	
Pentachlorophenol	<10.0	50.0	37.1	74	50.0	38.3	77	3	14-176	20	
Phenanthrene	<4.00	50.0	39.7	79	50.0	40.7	81	2	54-120	20	
Phenol	<1.00	50.0	13.5	27	50.0	15.6	31	14	10-112	20	
Pyrene	<4.00	50.0	42.6	85	50.0	43.0	86	1	52-115	20	
1,2,4-Trichlorobenzene	<4.00	50.0	22.5	45	50.0	25.3	51	12	44-142	20	
2,4,5-Trichlorophenol	<4.00	50.0	41.3	83	50.0	45.1	90	9	70-130	20	
2,4,6-Trichlorophenol	<1.00	50.0	38.2	76	50.0	41.2	82	8	37-144	20	
N-Nitrosodi-n-Propylamine	<4.000	50.000	33.900	68	50.000	36.700	73	8	41-120	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 795683 **QC- Sample ID:** 363251-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** IDG

Reporting Units: mg/L

Total Cyanide by EPA 335.4 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Cyanide, Total	0.005	0.200	0.200	98	0.200	0.199	97	1	90-110	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796183 **QC- Sample ID:** 363401-003 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/02/2010 **Date Prepared:** 03/01/2010 **Analyst:** ROL

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Total Toxic Organics by EPA 624 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<1.00	20.0	20.1	101	20.0	19.6	98	3	70-130	20	
Bromodichloromethane	<2.00	20.0	20.0	100	20.0	20.5	103	2	70-130	20	
Bromoform	<2.00	20.0	18.9	95	20.0	19.8	99	5	70-130	20	
Methyl bromide	<2.00	20.0	19.2	96	20.0	15.0	75	25	70-130	20	F
Carbon Tetrachloride	<2.00	20.0	22.2	111	20.0	20.0	100	10	70-130	20	
Chlorobenzene	<2.00	20.0	18.2	91	20.0	18.8	94	3	70-130	20	
Chloroethane	<2.00	20.0	23.5	118	20.0	19.3	97	20	70-130	20	
2-Chloroethyl Vinyl Ether	<10.0	20.0	<10.0	0	20.0	<10.0	0	NC	70-130	20	J
Chloroform	1.38	20.0	22.6	106	20.0	21.2	99	6	70-130	20	
Methyl Chloride	<2.00	20.0	20.4	102	20.0	18.1	91	12	70-130	20	
Dibromochloromethane	<2.00	20.0	19.6	98	20.0	20.6	103	5	70-130	20	
1,2-Dichloroethane	<2.00	20.0	20.0	100	20.0	19.8	99	1	70-130	20	
1,1-Dichloroethane	<2.00	20.0	21.0	105	20.0	19.9	100	5	70-130	20	
trans-1,2-dichloroethylene	<2.00	20.0	21.8	109	20.0	19.8	99	10	70-130	20	
1,1-Dichloroethene	<2.00	20.0	21.9	110	20.0	19.9	100	10	70-130	20	
1,2-Dichloropropane	<2.00	20.0	19.0	95	20.0	19.8	99	4	70-130	20	
trans-1,3-dichloropropene	<2.00	20.0	18.3	92	20.0	21.1	106	14	70-130	20	
cis-1,3-Dichloropropene	<2.00	20.0	12.6	63	20.0	14.5	73	14	70-130	20	J
Ethylbenzene	0.220	20.0	18.8	93	20.0	19.3	95	3	70-130	20	
1,1,2,2-Tetrachloroethane	<2.00	20.0	18.7	94	20.0	20.1	101	7	70-130	20	
Toluene	1.77	20.0	19.9	91	20.0	21.1	97	6	70-130	20	
1,1,2-Trichloroethane	<2.00	20.0	18.7	94	20.0	20.2	101	8	70-130	20	
1,1,1-Trichloroethane	<2.00	20.0	22.5	113	20.0	20.0	100	12	70-130	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order # : 363251 **Project ID:** 80263

Lab Batch ID: 796183 **QC- Sample ID:** 363401-003 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/02/2010 **Date Prepared:** 03/01/2010 **Analyst:** ROL

Reporting Units: ug/L

Total Toxic Organics by EPA 624 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Trichloroethylene	<2.00	20.0	20.0	100	20.0	19.8	99	1	70-130	20	
o-Xylene	<2.00	20.0	19.9	100	20.0	19.6	98	2	70-130	20	
m,p-Xylenes	0.470	40.0	38.5	95	40.0	39.3	97	2	70-130	20	
Methylene Chloride	<5.00	20.0	20.5	103	20.0	18.8	94	9	70-130	20	
Acrolein	<10.0	50.0	<10.0	0	50.0	<10.0	0	NC	70-130	20	J
Acrylonitrile	<10.0	50.0	54.3	109	50.0	51.5	103	5	70-130	20	
Tetrachloroethylene	0.970	20.0	19.7	94	20.0	20.2	96	3	70-130	20	
Vinyl Chloride	<1.00	20.0	13.8	69	20.0	16.0	80	15	70-130	20	J

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 795974 **Project ID:** 80263
Date Analyzed: 03/01/2010 **Date Prepared:** 02/24/2010 **Analyst:** RAF
QC- Sample ID: 363364-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

BOD by SM5210B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Biochemical Oxygen Demand, 5 day	<2.00	<2.00	NC	25	

Lab Batch #: 795974
Date Analyzed: 03/01/2010 **Date Prepared:** 02/24/2010 **Analyst:** RAF
QC- Sample ID: 363391-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

BOD by SM5210B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Biochemical Oxygen Demand, 5 day	2.59	2.87	10	25	

Lab Batch #: 795130
Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** MID
QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: CU

Color by SM2120B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Color	40	40	0	20	

Lab Batch #: 796033
Date Analyzed: 03/01/2010 **Date Prepared:** 03/01/2010 **Analyst:** MIS
QC- Sample ID: 363244-002 D **Batch #:** 1 **Matrix:** Waste Water
Reporting Units: ug/L

EDB, DBCP & 123TCP by EPA 504.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,2-Dibromoethane	<0.010	<0.010	NC	20	
1,2-Dibromo-3-Chloropropane	<0.020	<0.020	NC	20	
1,2,3-Trichloropropane	<0.020	<0.020	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 795371 **Project ID:** 80263

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ZOE

QC- Sample ID: 363171-001 D **Batch #:** 1 **Matrix:** Ground Water

Reporting Units: mg/L

Inorganic Anions by EPA 300 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Fluoride	0.100	0.138	32	20	F
Chloride	11.2	11.4	2	20	
Nitrite as N	<0.050	<0.050	NC	20	
Sulfate	12.2	7.84	44	20	F
Nitrate as N	20.6	21.1	2	20	

Lab Batch #: 795371

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ZOE

QC- Sample ID: 363250-001 D **Batch #:** 1 **Matrix:** Ground Water

Reporting Units: mg/L

Inorganic Anions by EPA 300 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Fluoride	0.436	0.429	2	20	
Chloride	289	285	1	20	
Nitrite as N	<0.050	<0.050	NC	20	
Sulfate	76.5	75.6	1	20	
Nitrate as N	<0.050	0.076	NC	20	

Lab Batch #: 796217

Date Analyzed: 03/02/2010 **Date Prepared:** 03/02/2010 **Analyst:** IDG

QC- Sample ID: 363135-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Nitrogen, Ammonia by EPA 350.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Nitrogen, Ammonia (as N)	5.63	5.58	1	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 796217 **Project ID:** 80263
Date Analyzed: 03/02/2010 **Date Prepared:** 03/02/2010 **Analyst:** IDG
QC- Sample ID: 363235-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Nitrogen, Ammonia by EPA 350.1	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Nitrogen, Ammonia (as N)	0.694	0.723	4	20	

Lab Batch #: 795914
Date Analyzed: 03/01/2010 **Date Prepared:** 03/01/2010 **Analyst:** IDG
QC- Sample ID: 363003-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Nitrogen, Kjeldahl, Total by EPA 351.2	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Nitrogen, Total Kjeldahl	0.433	0.432	0	20	
Total Nitrogen (calculated)	0.433	0.432	0	20	
Total Organic Nitrogen (calculated)	<0.300	0.432	NC	20	

Lab Batch #: 795914
Date Analyzed: 03/01/2010 **Date Prepared:** 03/01/2010 **Analyst:** IDG
QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Nitrogen, Kjeldahl, Total by EPA 351.2	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Nitrogen, Total Kjeldahl	24.4	24.3	0	20	

Lab Batch #: 795132
Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** MID
QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: T.O.N

ODOR by SM2150B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Odor	64	64	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 795386 **Project ID:** 80263
Date Analyzed: 02/25/2010 **Date Prepared:** 02/25/2010 **Analyst:** IRU
QC- Sample ID: 363249-002 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Ortho-Phosphorus by EPA 365.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Ortho-Phosphate as P	0.049	0.050	2	30	

Lab Batch #: 795386
Date Analyzed: 02/25/2010 **Date Prepared:** 02/25/2010 **Analyst:** IRU
QC- Sample ID: 363249-009 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Ortho-Phosphorus by EPA 365.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Ortho-Phosphate as P	0.069	0.061	12	30	

Lab Batch #: 795617
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** YAD
QC- Sample ID: 363371-002 D **Batch #:** 1 **Matrix:** Water
Reporting Units: uS/cm

Specific Conductance by EPA 120.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Conductivity	21600	21500	0	20	

Lab Batch #: 795617
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** YAD
QC- Sample ID: 363375-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: uS/cm

Specific Conductance by EPA 120.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Conductivity	1540	1540	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 796318 **Project ID:** 80263
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** RWA
QC- Sample ID: 363333-002 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

TDS by SM2540C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	2030	2040	0	30	

Lab Batch #: 796318
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** RWA
QC- Sample ID: 363390-002 D **Batch #:** 1 **Matrix:** Surface Water
Reporting Units: mg/L

TDS by SM2540C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	110	106	4	30	

Lab Batch #: 795683
Date Analyzed: 02/26/2010 **Date Prepared:** 02/26/2010 **Analyst:** IDG
QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Total Cyanide by EPA 335.4 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Cyanide, Total	0.005	0.005	0	20	

Lab Batch #: 795391
Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** MID
QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: NTU

Turbidity by EPA 180.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Turbidity	7.00	6.80	3	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: ANNUAL PRIORITY POLLUTANTS

Work Order #: 363251

Lab Batch #: 795330 **Project ID:** 80263

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** ZOE

QC- Sample ID: 363251-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: SU

	SAMPLE / SAMPLE DUPLICATE RECOVERY				
pH by SM4500-H **Analyte**	**Parent Sample Result [A]**	**Sample Duplicate Result [B]**	**RPD**	**Control Limits %RPD**	**Flag**
pH	6.79	6.80	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

CHAIN OF CUSTODY RECORD

XENCO Laboratories
Environmental Asbestos Radiochemistry
xenco.com

Atlanta: 6017 Financial Dr. Norcross, GA 30071 770-449-8800
Boca Raton: 3231 NW 7th Ave, Boca Raton, FL 33431 561-447-7373
Miami: 14100 Palmetto Frontage Rd. Miami Lakes, FL 33016 305-823-8500
Orlando: 5448 Hoffner Av. Ste 408 Orlando, FL 32812 409-429-8022
Tampa: 2505 North Falkenburg Rd, Tampa, FL 33619 813-620-2000

Lab W.O: 363251
Field Billable Hrs:

Company: Miami Dade WASD
Address: 8950 SW 232 ST
City: Miami State: FL Zip: 33190
PM/Attn: Clive Powell
Phone: 786 268 5631
email: CPOWE@MIAMIDADE.GOV
Fax: 305 259 6520
Project Name: Annual Priority Pollutants
Project ID: 80263
PO # 80263
Quote #
Sampler Signature:

Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A

TAT Work Days = D Need results by: _____ Time: _____
Std (5-10D) 6Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other _____

ANALYSES REQUESTED

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code ^	Composite or Grab	Field Filtered	Total # of containers	# Cont	Lab Only:	Complete Priority Pollutants	Oil & Grease Dr. Oil (N)	Primary Drinking Water Standards	Secondary Drinking Water Standards	Municipal WWD Minimum Criteria	Gross Alpha	Gross Beta	Radium 226 & 228	Hold Sample (CALL) Additions:
								Cont Type *										
								Pres Type**										
1	SD-COMBINED Effluent	2/23/10	8:00		C		27 46	☐	✓	☐	✓	✓	✓	✓	✓	✓	✓	☐
2						DF 2/23/10		☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
3								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
4								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
5								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
6								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
7								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
8								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
9								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐
10								☐		☐	☐	☐	☐	☐	☐	☐	☐	☐

REMARKS

Please include
Molybdenum
Dibromoetane
2-methyl-4,6-dinitrophenol
2,3,7,8-Tetrachlorodibenzo-P-Dioxin

* Container Type Codes

VA	Vial Amber	ES	Encore Sampler
VC	Vial Clear	TS	TerraCore Sampler
VP	Vial Pre-preserved	AC	Air Canister
GA	Glass Amber	TB	Tedlar Bag
GC	Glass Clear	ZB	Zip Lock Bag
PA	Plastic Amber	PC	Plastic Clear

Other _____

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other _____
Example: 4ozGC = 4oz Glass Clear 40mlVP = 40ml Vial Pre-preserved

** Preservative Type Codes

A. None	E. HCL	I. Ice
B. HNO_3	F. MeOH	J. MCAA
C. H_2SO_4	G. $Na_2S_2O_3$	K. ZnAc&NaOH
D. NaOH	H. $NaHSO_4$	L Asbc Acid&NaOH

O. _____

^ Matrix Type Codes

GW	Ground Water	S	Soil/Sediment/Solid
WW	Waste Water	W	Wipe
DW	Drinking Water	A	Air
SW	Surface Water	O	Oil
OW	Ocean/Sea Water	T	Tissue
PL	Product-Liquid	U	Urine
PS	Product-Solid	B	Blood
SL	Sludge		

Other _____

Reg. Program / Clean-up Std	STATE for Certs & Regs	QA/QC Level & Certification	EDDs	COC & Labels	Coolers	Temp °C
CTLs TRRP DW NPDES LPST DryCln Other:	FL TX GA NC SC NJ PA OK LA AL IL Other:	1 2 3 4 CLP AFCEE QAPP NELAC DoD-ELAP Other:	ADaPT SEDD ERPIMS XLS Other:	Match Incomplete Absent Unclear	1. 4 2. 3.	

	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
1		MDWASD	2/23/10	1324		Xenco	2/23/10	13:24
2		Xenco	2/23/10	14:15		Xenco	2/23/10	1415
3		Xenco	2/23/10	1605		Xenco	2/23/10	1605
4		Xenco	2/23/10	1700		Xenco	2/23/10	1700

Lab Use Only	YES	NO	N/A
Non-Conformances found?		✓	
Samples intact upon arrival?	✓		
Received on Wet Ice?	✓		
Labeled with proper preservatives?	✓		
Received within holding time?	✓		
Custody seals intact?			✓
VOCs rec'd w/o headspace?	✓		
Proper containers used?	✓		
pH verified-acceptable, excl VOCs?	✓		
Received on time to meet HTs?			

XENCO LABORATORIES
Container Receipt Verification Form

Work Order Number: 363251 **Chain of Custody Number(s):** _____

Container Type/ Pres.	9oz GA/ Na_2SO_3	32oz N/M GA/ Na_2SO_3	32oz N/M GA/cool	32oz N/M GA/ H_2SO_4	1gal HDPE	VOA/MeAA	VOA/ $Na_2S_2O_3$	VOA/ HCl	120mL P w. Pill/	4oz Plastic/ NaOH	4oz Plastic/ HNO_3	250mL HDPE/	250mL HDPE/	500mL HDPE/cool	500mL HDPE/ H_2SO_4	500mL HDPE/	1L HDPE/ cool	1L HDPE/	9oz GC/	9oz GC/	9oz GC/	4oz GC/	4oz GC/	2oz GC/	2oz GC/	Tedlar Bag	Ampules/	Other/	Comments
Tests	548	549, 515, 505	608/625	04G	Gross alpha	531	505, 504	524.2/624		CN	Metals			MBAS, OP04, NOx, Cl, FI, SO4	TKN, TP, COD, NH_3		BOD												
1	1	3	2	1	1	2	2	2		1	2			3	1		1												
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													

Abbreviations:

Gal GA = One gallon amber
32oz N/M GA = 32 oz Amberglass
VOA = 40mL vials
32oz W/M GA = 32 oz Wide Mouth Amberglass

1L HDPE = 1L (1000mL) Plastic Bottle
500mL HDPE = 500mL Plastic Bottle
250mL HPDE = 250mL Plastic Bottle

8oz GC = 8oz Soil Jar
4oz GC = 4oz Soil Jar
2oz GC = 2oz soil jar

120mL Plastic w. Pill = BacT
Zip = Ziplock Bag
4oz Plastic = 4oz Plastic Bottle

HCl = Hydrochloric Acid
H2SO4 = Sulfuric Acid
NaOH = Sodium Hydroxide
MeOH = Methanol
HNO3 = Nitric Acid
ZnAC = Zinc Acetate
Na2S2O3 = Sodium Thiosulfate

NH4Cl2 = Ammonium Chloride
DI H2O = DI Water
MCAA = Monochloroacetic Acid

Reviewed By: _____