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2010 Second Semiannual Groundwater Quality Monitoring Report

Enterprise Class III Landfill and Recycling Facility

Permit No. 177982-008-SC, WACS No. 87895

October 2010

HDR

ONE COMPANY | Many Solutions

19
October ~~29~~, 2010

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 19 2010
SOUTHWEST DISTRICT
TAMPA

Mr. John Morris, P.G.
Florida Department of Environmental Protection – Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

RE: Compliance Monitoring Report – Second Semiannual 2010
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-008-SC and 177982-007-SO
WACS No. 87895
Project Number: 0-148569

Dear Mr. Morris:

This report presents data from the semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on September 7, 8, and 9, 2010.

All groundwater wells which require sampling were sampled during this event by Ideal Tech Services, Inc. for the parameters listed in Specific Condition 4.c. of the permit with the exception of MW-1A, MW-3A, MW-8, MW-9, MW-10, and MW-12A which contained insufficient water for sampling. The supply well and the Temporary Pond were sampled for parameters listed in Specific Condition 4.c. of the permit. The samples were analyzed by Environmental Conservation Laboratories, Inc. Quality Assurance/Quality Control samples were also collected.

Monitoring wells MW-3A, MW-4A, MW-8, MW-9, MW-10, MW-11, and MW-12A are surficial aquifer monitoring wells. Water levels within the surficial aquifer have declined in recent years and may not be laterally continuous in all areas. Each monitoring location with a dry surficial aquifer well has an existing Floridan aquifer well installed in a cluster. Groundwater samples were collected from each of the other Floridan aquifer wells.

Parameters reported at or outside groundwater standards are presented in Attachment 2. All results are comparable to historical levels. HDR recommends continued semiannual monitoring as specified in the current permit.

If you have any questions regarding this report, please contact me at (352) 642-1105.

Sincerely,

John D. Locklear, P.G.
Senior Project Manager

P:\Environmental - Consolidated\HDR\SOLID WASTE\ANGELOS (FLORIDA)\COMPLIANCE MONITORING\2009\09s2\09S2_letter.doc

Xc: John Arnold, Angelos Recycled Materials
Jeff Rogers, Angelo's Recycled Materials
Andy Alipour, Pasco County

Attachment 1:	Groundwater Elevation Data, Well Construction Table, and Groundwater Contour Map
Attachment 2:	Analysis Results Compared to Groundwater Standards
Attachment 3:	Groundwater Parameters At or Above the Laboratory Detection Limit
Attachment 4:	Field Forms and Chains-of-Custody
Attachment 5:	ADaPT Files

PROFESSIONAL CERTIFICATION AND APPROVAL

I hereby certify that the document titled: "2010 Second Semiannual Groundwater Quality Monitoring Report" for the Enterprise Class III Landfill and Recycling Facility was prepared under my review.

10/14/10

John D. Locklear, P.G.
Senior Project Manager
Florida P.G. License No. 2467
HDR Engineering, Inc.
4140 NW 37th Place, Suite A
Gainesville, FL 32606
Telephone: (352) 642-1100
Facsimile: (352) 642-1101

Florida Department of Environmental Protection

FLORIDA

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

Dept. of Environmental Protection

OCT 19 2010

Southwest District

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Enterprise Class III Landfill and Recycling Facility

Address 41111 Enterprise Road

City Dade City, Florida Zip 33525 County Polk

Telephone Number ( )

(2) WACS Facility ID 87895

(3) DEP Permit Number 177982-007-SO/T3

(4) Authorized Representative's Name John D. Locklear, P.G., HDR Engineering Title Senior Project Manager

Address 4140 NW 37th Place, Suite A

City Gainesville, Florida Zip 32606 County Alachua

Telephone Number (352)642-1100

Email address (if available)

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

10/14/10
(Date)

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization HDR Engineering Inc.

Analytical Lab NELAC / HRS Certification # E8079

Lab Name Environmental Conservation Laboratories, Inc.

Address 10775 Central Port Drive, Orlando, Florida 32824

Phone Number (407)826-5314

Email address (if available)

Attachment 2
Analysis Results Compared to Groundwater Standards

ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
SECOND SEMIANNUAL 2010

PARAMETER		pH (FIELD)	IRON
STANDARD		6.5-8.5 S.U.**	300 µg/L**
Background			
MW-1B	9/7/2010	-	-
Detection			
MW-3B	9/9/2010	-	-
MW-4	9/9/2010	6.05	367
MW-4B	9/8/2010	-	-
MW-5A	9/8/2010	5.13	-
MW-5B	9/8/2010	-	-
MW-6	9/8/2010	4.69	-
MW-7A	9/8/2010	4.73	1280
MW-7BR	9/8/2010	-	-
MW-8B	9/8/2010	-	4680
MW-9B	9/7/2010	-	-
MW-10B	9/7/2010	6.46	-
MW-11	9/7/2010	4.87	3790
MW-11B	9/7/2010	5.85	-
MW-12B	9/7/2010	6.18	-
Other, Water Supply			
Supply Well	9/7/2010	-	-
QAQC			
EQUBLK1	9/7/2010	NM	-
EQUBLK2	9/9/2010	NM	-
TRIP1	9/7/2010	NM	NM
TRIP2	9/8/2010	NM	NM
TRIP3	9/9/2010	NM	NM
Surface Water			
TEMP POND	9/9/2010	-	512

LEGEND

*	=Primary Drinking Water Standard
**	=Secondary Drinking Water Standard
***	=Chapter 62-777-Groundwater Cleanup Target Level (GCTL)
@	=Analysis Result is at Groundwater Standard
-	=Analysis Result is not at or outside Groundwater Standard
NS	=Not Sampled
NM	=Not Measured

Note:

This table displays analysis results which were reported at or outside Groundwater Standards.
Analysis results notated with "@" indicate that the analysis result was reported at the Groundwater Standard.
Analysis results which were reported above the laboratory detection limit (reporting limit), but not at or above the Groundwater Standard are not displayed in this table.

Attachment 3
Groundwater Parameters At or Above the Laboratory Detection Limit

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
SECOND SEMIANNUAL 2010

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPERATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ARSENIC	BARIUM
STANDARD UNITS		(1) µmhos/cm	(1) ppm	(1) NGVD FT	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	10 µg/L* µg/L	2000 µg/L* µg/L
Background															
MW-1B	9/7/2010	286	5.17	69.46	7.39	72.4	24.67	4.40	<0.010	14	4.2	180	<0.700	<4.00	<11.0
Detection															
MW-3B	9/9/2010	314	1.86	69.74	6.91	13.1	24.50	1.10	<0.010	5.3	0.44 I	200	<0.700	<4.00	<11.0
MW-4	9/9/2010	622	3.30	81.22	6.05	52.0	27.14	14.90	<0.010	9.5	0.77 I	440	0.720 I	<4.00	18.8 I
MW-4B	9/8/2010	225	2.58	69.79	6.95	74.1	24.49	0.40	<0.010	5.7	0.36 I	150	<0.700	<4.00	<11.0
MW-5A	9/8/2010	70	2.19	74.02	5.13	162.8	25.38	6.00	<0.010	6.4	0.22 I	48	<0.700	<4.00	<11.0
MW-5B	9/8/2010	236	3.59	69.64	7.22	36.8	23.65	0.90	<0.010	4.7 I	0.82 I	140	<0.700	<4.00	<11.0
MW-6	9/8/2010	67	5.98	71.06	4.69	178.3	25.44	17.00	<0.010	7.0	0.76 I	56	<0.700	<4.00	<11.0
MW-7A	9/8/2010	138	0.20	69.82	4.73	147.6	27.17	3.90	0.032	17	0.11 I	88	<0.700	<4.00	<11.0
MW-7BR	9/8/2010	220	1.17	69.69	8.39	14.0	24.99	14.50	<0.010	5.4	0.69 I	130	<0.700	<4.00	<11.0
MW-8B	9/8/2010	542	0.13	62.80	6.65	-96.3	26.06	1.00	1.6	6.6	<0.10	340	<0.700	<4.00	133
MW-9B	9/7/2010	460	3.40	69.91	6.59	69.0	26.01	2.30	<0.010	7.5	1.6	320	<0.700	<4.00	<11.0
MW-10B	9/7/2010	256	0.43	69.92	6.46	-75.4	25.04	0.30	<0.010	7.4	1.7	150	<0.700	<4.00	<11.0
MW-11	9/7/2010	71	0.44	69.84	4.87	135.1	27.69	15.40	0.060	6.9	0.25 I	42	<0.700	<4.00	<11.0
MW-11B	9/7/2010	180	3.24	69.61	5.85	109.6	24.20	4.20	<0.010	8.1	1.3	120	<0.700	<4.00	<11.0
MW-12B	9/7/2010	200	5.37	69.89	6.18	124.7	24.43	0.40	<0.010	10	4.1	140	<0.700	<4.00	<11.0
Other, Water Supply															
SUPPLY WELL	9/7/2010	281	2.69	-	7.09	72.0	25.16	0.20	<0.010	8.7	2.2	200	<0.700	<4.00	<11.0
Surface Water															
TEMP POND	9/9/2010	295	1.10	-	7.05	-	26.94	2.60	<0.010	12	<0.10	200	0.0904 I	1.43	4.68 I

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777-Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

Tuesday, October 12, 2010

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
SECOND SEMIANNUAL 2010

PARAMETER		BERYLLIUM	CHROMIUM	COBALT	IRON	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	CHLORO-FORM	TRICHLORO-FLUORO-METHANE
STANDARD UNITS		4 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	300 µg/L** µg/L	2 µg/L* µg/L	100 µg/L* µg/L	160 mg/L* mg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	6300 µg/L*** µg/L	70 µg/L*** µg/L	2100 µg/L*** µg/L
Background													
MW-1B	9/7/2010	<0.740	<4.50	<1.20	<38.0	<0.0240	<2.30	6.30	2.31 I	<16.0	<1.0	0.37 I	<0.57
Detection													
MW-3B	9/9/2010	0.854 I	<4.50	<1.20	<38.0	<0.0240	<2.30	4.34	3.23 I	<16.0	<1.0	<0.37	<0.57
MW-4	9/9/2010	0.751 I	<4.50	<1.20	367	<0.0240	3.10 I	20.7	3.25 I	374	<1.0	<0.37	<0.57
MW-4B	9/8/2010	<0.740	<4.50	<1.20	<38.0	<0.0240	<2.30	4.83	3.05 I	<16.0	<1.0	<0.37	<0.57
MW-5A	9/8/2010	<0.740	<4.50	<1.20	178	<0.0240	<2.30	3.91	<0.960	<16.0	<1.0	<0.37	<0.57
MW-5B	9/8/2010	<0.740	<4.50	<1.20	<38.0	<0.0240	<2.30	3.58	7.13 I	<16.0	<1.0	<0.37	<0.57
MW-6	9/8/2010	<0.740	<4.50	<1.20	292	<0.0240	<2.30	4.94	1.43 I	<16.0	<1.0	<0.37	<0.57
MW-7A	9/8/2010	<0.740	5.30 I	<1.20	1280	0.150 I	6.32 I	5.60	<0.960	<16.0	<1.0	<0.37	<0.57
MW-7BR	9/8/2010	<0.740	6.16 I	<1.20	53.2	<0.0240	<2.30	4.98	15.5	<16.0	<1.0	<0.37	<0.57
MW-8B	9/8/2010	<0.740	<4.50	<1.20	4680	<0.0240	4.99 I	5.34	<0.960	<16.0	<1.0	<0.37	<0.57
MW-9B	9/7/2010	<0.740	<4.50	<1.20	48.3 I	<0.0240	3.06 I	5.40	3.72 I	<16.0	<1.0	<0.37	1.6
MW-10B	9/7/2010	<0.740	<4.50	<1.20	74.1	<0.0240	<2.30	4.83	2.63 I	17.6 I	<1.0	<0.37	0.72 I
MW-11	9/7/2010	<0.740	<4.50	<1.20	3790	<0.0240	<2.30	5.49	<0.960	<16.0	31	<0.37	5.1
MW-11B	9/7/2010	<0.740	<4.50	<1.20	<38.0	0.212	<2.30	5.22	2.68 I	26.9 I	2.8 I	<0.37	2.0
MW-12B	9/7/2010	<0.740	<4.50	<1.20	<38.0	<0.0240	<2.30	6.31	1.86 I	<16.0	<1.0	<0.37	1.1
Other, Water Supply													
SUPPLY WELL	9/7/2010	<0.740	<4.50	<1.20	<38.0	<0.0240	<2.30	4.92	3.54 I	111	<1.0	<0.37	<0.57
Surface Water													
TEMP POND	9/9/2010	0.100	<0.450	0.161 I	512	<0.0240	0.984 I	9.03	0.170 I	<1.60	<1.0	<0.37	<0.57

LEGEND

*	=Primary Drinking Water Standard	I	= Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J	= Estimated value
***	=Chapter 62-777-Groundwater Cleanup Target Level (GCTL)	V	= Analyte found in associated method blank
(1)	=No Standard	Q	= Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed		

Attachment 4
Field Forms and Chains-of-Custody

IDEAL TECH SERVICES, INC.
SURFACE WATER SAMPLING LOG Rev. 1.0

SITE NAME: **Enterprise Class III Landfill, TEMPORARY POND**	SITE LOCATION: **Pasco County**	DATE: 09/09 /10
GPS COORDINATES: —		ARRIVED @ LOCATION: 1005
ALTERNATE GPS COORDINATES: —		REASON FOR COORDINATE DEVIATION: —
SECCHI DISC VANISHING POINT: /	SECCHI DISC REAPPEARANCE: /	MEAN SECCHI VALUE: /
TOTAL DEPTH: /		

AMBIENT WEATHER CONDITIONS:

Temp. (^{o}F): 90° - 95°F Wind Speed/Direction (mph): None

Surface Conditions: Flat. Flow: None

FIELD MEASUREMENTS

PARAMETERS	6" - 1' BELOW SURFACE TIME: 1013	6" - 1' BELOW SURFACE TIME: 1016	6" - 1' BELOW SURFACE TIME: 1019
TEMP. (^{o}C)	27.04	27.00	26.94
COND. (µS/cm)	296	296	295
DISSOLVED OXYGEN (mg/L)	1.13	1.12	1.10
pH (standard units)	7.13	7.08	7.05
TURBIDITY (NTUs)	2.80	2.80	2.60

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURES: [signature]	TIME SAMPLE COLLECTED: 1028
FIELD-FILTERED: Y [N] FILTER SIZE: ____ µm FILTRATION EQUIPMENT TYPE: None		DUPLICATE: Y [N]

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	Field Filtered Y / N
# OF CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	RFPP	N
1	PE	250 mL	HNO_3	None	< 2	Metals	PP	N
1	PE	250 mL	H_2SO_4	None	< 2	Ammonia (350.1)	PP	N
1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	N
2	CG	40 mL	4° C	None	Not Req'd	8011	RFPP	N

REMARKS: feet = engineering scale wind direction and speed estimated only, not measured flow estimated, not measured

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Florida Department of Environmental Protection
Water Assurance Compliance System
Completeness Report

Facility ID: 87895
Facility Name: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

REPORT TYPE: SEMGW - SEMIANNUAL GW: 62-701.510(8)(A)

		TESTSITE NAME		MW-10B	MW-11	MW-11B	MW-12B	MW-1B	MW-3B	MW-4	MW-4B	MW-5A	MW-5B	MW-6	MW-7A	MW-7BR	MW-8B	MW-9B	STORM WATER POND	SUPPLY WELL
		TESTSITE ID		21325	19581	22593	19583	19568	21964	19572	21965	19573	19574	19575	19576	22592	21323	21324	27361	21326
		SAMPLE DATE		9/7/2010	9/7/2010	9/7/2010	9/7/2010	9/7/2010	9/9/2010	9/9/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/8/2010	9/7/2010	9/9/2010	9/7/2010
ANALYTE ID	TEMPLATE	ANALYTE NAME	UNITS	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
100414	TEMPLATE	ETHYLBENZENE	UG/L	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U
100425	TEMPLATE	STYRENE	UG/L	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U
10061015	TEMPLATE	DICHLOROPROPENE, CIS-1,3-	UG/L	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U
10061026	TEMPLATE	TRANS-1,3-DICHLOROPROPYLENE	UG/L	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U
106467	TEMPLATE	DICHLOROBENZENE, 1,4- (DICHLOROBENZENE, P-)	UG/L	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U
106934	TEMPLATE	EDB	UG/L	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U	.009 U
107062	TEMPLATE	DICHLOROETHANE, 1,2-	UG/L	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U
107131	TEMPLATE	ACRYLONITRILE	UG/L	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
108054	TEMPLATE	VINYL ACETATE	UG/L	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U	.28 U
108101	TEMPLATE	MIBK(4-METHYL-2-PENTANONE)	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
108883	TEMPLATE	TOLUENE IN WHOLE WATER	UG/L	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U
108907	TEMPLATE	CHLOROBENZENE	UG/L	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U
110576	TEMPLATE	DICHLORO-2-BUTENE, TRANS-1,4-	UG/L	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U	.29 U
124481	TEMPLATE	DIBROMOCHLOROMETHANE	UG/L	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U	.24 U
127184	TEMPLATE	TETRACHLOROETHYLENE	UG/L	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U	.43 U
1330207	TEMPLATE	XYLENES (TOTAL)	UG/L	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U
1515	TEMPLATE	AMMONIA (NH3) TOTAL AS N	MG/L	.01 U	.06	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.01 U	.032	.01 U	1.6	.01 U	.01 U	.01 U
156592	TEMPLATE	DICHLOROETHENE, CIS-1,2-	UG/L	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U
156605	TEMPLATE	TRANS-1,2-DICHLOROETHYLENE	UG/L	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U	.47 U
1610	TEMPLATE	SPECIFIC CONDUCTANCE	UMHOS/CM	256 D	71 D	180 D	200 D	286 D	314 D	622 D	225 D	70 D	236 D	67 D	138 D	220 D	542 D	460 D	295 D	281 D
16887006	TEMPLATE	CHLORIDE DISS	MG/L	7.4	6.9	8.1	10	14	5.3	9.5	5.7	6.4	4.7 I	7	17	5.4	6.6	7.5	12	8.7
1705	TEMPLATE	TOTAL DISSOLVED SOLIDS TDS, (RESIDUE DISS)	MG/L	150	42	120	140	180	200	440	150	48	140	56	88	130	340	320	200	200
1805	TEMPLATE	NITRATE (NO3) AS N	MG/L	1.7	.25 I	1.3	4.1	4.2	.44 I	.77 I	.36 I	.22 I	.82 I	.76 I	.11 I	.69 I	.1 U	1.6	.1 U	2.2
1880	TEMPLATE	DO, UPSTREAM	MG/L	.43 D	.44 D	3.24 D	5.37 D	5.17 D	1.86 D	3.3 D	2.58 D	2.19 D	3.59 D	5.98 D	.2 D	1.17 D	.13 D	3.4 D	1.1 D	2.69 D
1900	TEMPLATE	PH, LAB	STD UN	6.46 D	4.87 D	5.85 D	6.18 D	7.39 D	6.91 D	6.05 D	6.95 D	5.13 D	7.22 D	4.69 D	4.73 D	8.39 D	6.65 D	6.59 D	7.05 D	7.09 D
2030	TEMPLATE	TEMPERATURE (FIELD)	DEG F	25.04 D	27.69 D	24.2 D	24.43 D	24.67 D	24.5 D	27.14 D	24.49 D	25.38 D	23.65 D	25.44 D	27.17 D	24.99 D	26.06 D	26.01 D	26.94 D	25.16 D
2055	TEMPLATE	TURBIDITY, LAB	NTU	.3 D	15.4 D	4.2 D	.4 D	4.4 D	1.1 D	14.9 D	.4 D	6 D	.9 D	17 D	3.9 D	14.5 D	1 D	2.3 D	2.6 D	.2 D
56235	TEMPLATE	CARBON TETRACHLORIDE (CARBON TET)	UG/L	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U	.51 U
591786	TEMPLATE	METHYL BUTYL KETONE (2-HEXANONE)	UG/L	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U
630206	TEMPLATE	TETRACHLOROETHANE, 1,1,1,2-	UG/L	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U	.33 U
67641	TEMPLATE	ACETONE	UG/L	1 U	31	2.8 I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
67663	TEMPLATE	CHLRFRM EXTRAC	UG/L	.37 U	.37 U	.37 U	.37 U	.37 I	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U	.37 U
71432	TEMPLATE	BENZENE IN WATER	UG/L	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U	.35 U
71556	TEMPLATE	TRICHLOROETHANE, 1,1,1-	UG/L	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U	.4 U

																			PonD	
7439896	TEMPLATE	IRON DISS (FE)	UG/L	74.1	3790	38 U	38 U	38 U	38 U	367	38 U	178	38 U	292	1280	53.2	4680	48.3 I	512	38 U
7439921	TEMPLATE	LEAD, TOTAL	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	.12 U	1.2 U
7439976	TEMPLATE	MERCURY (HG), SEDIMENT.	UG/L	.024 U	.024 U	.212	.024 U	.024 U	.024 U	.024 U	.024 U	.024 U	.024 U	.024 U	.15 I	.024 U	.024 U	.024 U	.024 U	.024 U
7440020	TEMPLATE	NICKEL DISS	UG/L	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	3.1 I	2.3 U	2.3 U	2.3 U	2.3 U	6.32 I	2.3 U	4.99 I	3.06 I	.984 I	2.3 U
7440224	TEMPLATE	SILVER DISS	UG/L	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U	.02 U	.2 U
7440235	TEMPLATE	SODIUM DISS	MG/L	4.83	5.49	5.22	6.31	6.3	4.34	20.7	4.83	3.91	3.58	4.94	5.6	4.98	5.34	5.4	9.03	4.92
7440280	TEMPLATE	THALLIUM, SEDIMENT	UG/L	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.26 U	.026 U	.26 U
7440360	TEMPLATE	ANTIMONY, SEDIMENT	UG/L	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.72 I	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.7 U	.0904 I	.7 U
7440382	TEMPLATE	ARSENIC, SEDIMENT	UG/L	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	1.43	4 U
7440393	TEMPLATE	BARIUM (BA)DISS	UG/L	11 U	11 U	11 U	11 U	11 U	11 U	18.8 I	11 U	11 U	11 U	11 U	11 U	11 U	133	11 U	4.68 I	11 U
7440417	TEMPLATE	BERYLLIUM, SEDIMENT	UG/L	.74 U	.74 U	.74 U	.74 U	.74 U	.854 I	.751 I	.74 U	.74 U	.74 U	.74 U	.74 U	.74 U	.74 U	.74 U	.1	.74 U
7440439	TEMPLATE	CADMIUM, SEDIMENT.	UG/L	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	.11 U	1.1 U
7440473	TEMPLATE	CHROMIUM, TOT IN WATER AS CR	UG/L	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	5.3 I	6.16 I	4.5 U	4.5 U	.45 U	4.5 U
7440484	TEMPLATE	COBALT, TOTAL	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	.161 I	1.2 U
7440508	TEMPLATE	COPPER, SEDIMENT.	UG/L	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	.22 U	2.2 U
7440622	TEMPLATE	VANADIUM - DISSOLVED	UG/L	2.63 I	.96 U	2.68 I	1.86 I	2.31 I	3.23 I	3.25 I	3.05 I	.96 U	7.13 I	1.43 I	.96 U	15.5	.96 U	3.72 I	.17 I	3.54 I
7440666	TEMPLATE	ZINC (ZN), SEDIMENT	UG/L	17.6 I	16 U	26.9 I	16 U	16 U	16 U	374	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U	1.6 U	111
74839	TEMPLATE	METHYL BROMIDE	UG/L	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U	.63 U
74873	TEMPLATE	METHYL CHLORIDE	UG/L	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U	.53 U
74884	TEMPLATE	METHYL IODIDE	UG/L	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U	.64 U
74953	TEMPLATE	METHYLENE BROMIDE (DIBROMOMETHANE)	UG/L	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U
74975	TEMPLATE	BROMOCHLOROMETHANE	UG/L	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U	.38 U
75003	TEMPLATE	CHLOROETHANE	UG/L	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U	.66 U
75014	TEMPLATE	VINYL CHLORIDE	UG/L	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U
75092	TEMPLATE	METHYLENE CHLORIDE (DICHLOROMETHANE)	UG/L	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U	.41 U
75150	TEMPLATE	CARBON DISULFIDE	UG/L	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U	.48 U
75252	TEMPLATE	BROMOFORM	UG/L	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U	.22 U
75274	TEMPLATE	BROMODICHLOROMETHANE	UG/L	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U	.31 U
75343	TEMPLATE	DICHLOROETHANE, 1,1-	UG/L	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U	.45 U
75354	TEMPLATE	DICHLOROETHENE, 1,1-	UG/L	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U
75694	TEMPLATE	TRICHLOROFLUOROMETHANE	UG/L	.72 I	5.1	2	1.1	.57 U	.57 U	.57 U	.57 U	.57 U	.57 U	.57 U	.57 U	.57 U	.57 U	1.6	.57 U	.57 U
7782492	TEMPLATE	SELENIUM, SEDIMENT	UG/L	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	.52 U	5.2 U
78875	TEMPLATE	DICHLOROPROPANE, 1,2-	UG/L	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U
78933	TEMPLATE	METHYL ETHYL KETONE (2-BUTANONE)	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
79005	TEMPLATE	TRICHLOROETHANE, 1,1,2-	UG/L	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U	.34 U
79016	TEMPLATE	TRICHLOROETHYLENE	UG/L	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U
79345	TEMPLATE	TETRACHLOROETHANE, 1,1,2,2-	UG/L	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U
95501	TEMPLATE	DICHLOROBENZENE, 1,2- (DICHLOROBENZENE,O-)	UG/L	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U	.32 U
96128	TEMPLATE	DIBROMOCHLOROPROPANE	UG/L	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U	.008 U
96184	TEMPLATE	TRICHLOROPROPANE, 1,2,3-	UG/L	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U	.23 U
EPA E1647296	TEMPLATE	WATER LEVEL RELATIVE TO MEAN SEA LEVEL (FEET)	FT	69.92 D	69.84 D	69.61 D	69.89 D	69.46 D	69.74 D	81.22 D	69.79 D	74.02 D	69.64 D	71.06 D	69.82 D	69.69 D	62.8 D	69.91 D		
179601231	NON-TEMPLATE	XYLENE, -M & -P	UG/L	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U	.85 U
95476	NON-TEMPLATE	XYLENE, -O	UG/L	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U	.39 U
FL-PHYS-007	NON-TEMPLATE	OXIDATION REDUCTION POTENTIAL	MV	-75.4 D	135.1 D	109.6 D	124.7 D	72.4 D	13.1 D	52 D	74.1 D	162.8 D	36.8 D	178.3 D	147.6 D	14 D	-96.3 D	69 D		72 D

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