

July 9, 2008

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

Dept. Of Environmental Protection

RE: Compliance Monitoring Report – First Semiannual 2008
Enterprise Recycling & Disposal Facility
Permit No. 177982-008-SC and 177982-007-SO
Project Number: 0-79334

JUL 11 2008

Southwest District

Dear Mr. Morris:

This report presents data from the semiannual sampling event at Angelo's Enterprise Recycling & Disposal Facility on April 15, 16, 17, and 18, 2008.

All groundwater wells, which require sampling, were sampled during this event for the parameters listed in Specific Condition 4.c. of the permit with the exception of MW-7A which was damaged, MW-4A and MW-11 which had insufficient water for sampling and MW-3, MW-8, MW-9, MW-10, and MW-12A which were dry. A minor permit modification application has been submitted to the Department addressing the relocation/replacement of monitoring wells MW-1 and MW-1B. Pond 1 was sampled and analyzed for the parameters listed in Specific Condition 8.b. of the permit. Quality Assurance/Quality Control samples were also collected.

Monitoring wells MW-3A, MW-4A, MW-7A (damaged but likely dry based on lack of water in the surficial aquifer across the site), 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 Floridan aquifer well as required by permit, therefore, the Floridan aquifer monitoring well represents the uppermost waterbearing unit.

The pH in MW-7BR was reported at 9.05 S.U. which is consistent with the previous results and with historical values from the nearby MW-7B (now abandoned and replaced with MW-7BR). Values of pH in MW-6 to the north and MW-8B to the south were 6.26 S.U. and 6.10 S.U., respectively. Values of pH over 9.0 S.U. are most commonly a result of the influence of grout used during well construction, and not a result of impacts from landfills (typically pH values are less than 6.0 S.U. when impacted by landfill leachate). It appears that groundwater in the vicinity of MW-7BR is still being influenced by the large amount of grout used during the construction of MW-7B (MW-7BR was installed approximately 23 feet south of MW-7B). It is important to note that no other parameters were reported at or above applicable standards in the MW-7BR groundwater sample. Grout influence on pH is generally very localized. Continued monitoring in MW-7BR is warranted.

Mr. John Morris
July 9, 2008
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Parameters reported at or outside groundwater standards are presented in Attachment 2.

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

Sincerely,



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

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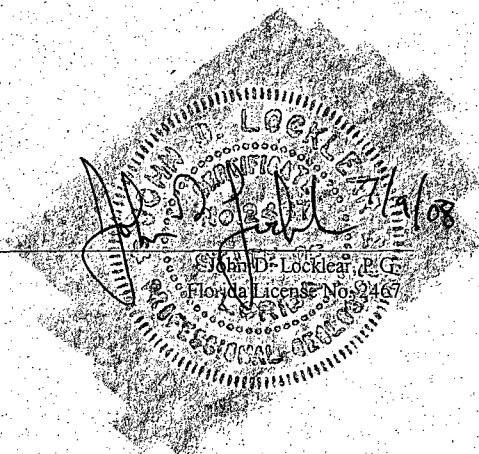
Xc: John Arnold
Jeff Rogers, Angelo's Recycled Materials
Andy Alipour, Pasco County

Attachment 1: Groundwater Elevation Data 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: Parameter Monitoring Report Forms
Attachment 5: Original Laboratory Data Including Chain-Of-Custody Forms

Dept. Of Environmental Protection

JUL 11 2008

Southwest District



Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUNDWATER MONITORING REPORT

Rule 62-522.600 (11)

Part I GENERAL INFORMATION

- (1) Facility Name Enterprise Class III Landfill and Recycling Facility
Address _____
City Dade City, FL Zip _____
Telephone Number _____
- (2) The WACS Identification Number 87895
- (3) DEP Permit Number 177982-007-SO/T3
- (4) Authorized Representative Name John D. Locklear, P.G., HDR Engineering, Inc.
Address 4140 NW 37th Place, Suite A
City Gainesville, Florida Zip 32606-
Telephone Number (352) 642-1100
- (5) Type of Discharge Landfill
- (6) Method of Discharge Groundwater

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 submitting false information, including the possibility of fine and imprisonment.

Date: 7/9/08 John D. Locklear
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization CompQAP # DEP SOP 001/01
- Analytical Lab CompQAP #/HRS Certification # E83182
CompQAP #/HRS Certification # _____
- Lab Name Environmental Conservation Laboratories, Inc.
- Address 10775 Central Point, Orlando, Florida 32824
- Phone Number (407) 826-5314

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 11 2008
SOUTHWEST DISTRICT
TAMPA

**ATTACHMENT 2
ANALYSIS REULSTS COMPARED
TO GROUNDWATER STANDARDS**

**ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS
 ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
 FIRST SEMIANNUAL 2008**

PARAMETER		pH (FIELD)	IRON
STANDARD		6.5-8.5 S.U.**	300 µg/L**
Background			
MW-1	04/18/08	5.09	-
MW-1B	04/15/08	-	-
Detection			
MW-3B	04/15/08	-	-
MW-4B	04/15/08	-	-
MW-5A	04/15/08	4.77	646
MW-5B	04/16/08	-	-
MW-6	04/16/08	6.26	-
MW-7BR	04/16/08	9.05	-
MW-8B	04/16/08	6.1	2530
MW-9B	04/16/08	-	-
MW-10B	04/16/08	6.43	-
MW-11B	04/18/08	-	-
MW-12B	04/17/08	6.22	-
Other, Water Supply			
Supply Well	04/17/08	-	-
QAQC			
TRIP1	04/16/08	NM	NM
TRIP2	04/17/08	NM	NM
Surface Water			
POND 1	04/18/08	-	-

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
FIRST SEMIANNUAL 2008

PARAMETER	CONDUC- TIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	BIARIUM	CHROMIUM	COBALT
UNITS	(1) umhos/cm	(1) ppm	(1) NGVD FT	6.5-8.5 S.U.**	(1) mV	(1) deg C	(1) NTU	2.8 mg/L***	250 mg/L**	10 mg/L*	500 mg/L**	2000 µg/L*	100 µg/L*	140µg/L***
Background														
MW-1	04/18/08	40	7.65	29.6	5.09	109	1.64	0.015 I	5.6	1.4	46	<5.00	1.31 IV	<0.500
MW-1B	04/15/08	269	7.59	107.7	7.49	476	8.38	<0.008	9.7	3.9	160	<5.00	3.53 IV	<0.500
Detection														
MW-3B	04/15/08	304	5.34	18.21	7.14	106	3.57	<0.008	5.1	0.66 I	190	<5.00	2.67 IV	<0.500
MW-4B	04/15/08	277	3.56	34.25	7.27	79	15.2	<0.008	5.8	0.50 I	160	<5.00	2.57 IV	<0.500
MW-5A	04/15/08	69	7.21	22.24	4.77	311	75.8	<0.008	4.6 I	0.55 I	70	<5.00	4.73 IV	<0.500
MW-5B	04/16/08	268	4.02	19.3	6.88	42	2.95	<0.008	4.2 I	1.1	160	<5.00	1.69 I	<0.500
MW-6	04/16/08	90	6.78	23.6	6.26	123	3.48	<0.008	6.8	1.3	68	<5.00	<0.690	<0.500
MW-7BR	04/16/08	190	1.37	36.8	9.05	-64	19.9	0.015 I	4.5 I	1.1	96	<5.00	13.3	<0.500
MW-8B	04/16/08	590	0.80	42.0	6.10	-84	8.88	0.34	5.1	0.16 I	360	129	<0.690	0.714 I
MW-9B	04/16/08	318	6.98	43.1	6.78	48	4.12	<0.008	7.1	2.5	200	<5.00	0.971 I	<0.500
MW-10B	04/16/08	173	0.60	43.2	6.43	-99	0.52	0.050	6.2	0.25 I	120	<5.00	<0.690	<0.500
MW-11B	04/18/08	227	6.18	39.6	6.76	71	12.2	0.014 I	7.1	2.5	120	<5.00	2.50 IV	<0.500
MW-12B	04/17/08	167	8.03	55.0	6.22	96	6.98	<0.008	10	5.9	130	<5.00	0.883 I	<0.500
Other, Water Supply														
Supply Well	04/17/08	281	6.58	-	7.26	85	0.24	<0.008	7.6	2.8	180	<5.00	<0.690	<0.500
Surface Water														
Pond 1	04/18/08	324	11.65	-	8.14	119	11.0	0.029	19	<0.004	220	<5.00	2.80 IV	<0.500

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

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
 ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
 FIRST SEMIANNUAL 2008

PARAMETER	IRON	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	BENZENE	CARBON DISULFIDE	TOLUENE	TRICHLORO-FLUORO-METHANE
STANDARD UNITS	300 µg/L**	15 µg/L*	2 µg/L*	100 µg/L*	160 mg/L*	49 µg/L***	5000 µg/L**	6300 µg/L***	5 µg/L*	700 µg/L***	40 µg/L**	2100 µg/L***
Background												
MW-1	70.0 V	<0.500	<0.009	<0.500	3.38 V	<0.500	7.42 IV	2.8 I	<0.34	<0.50	<0.38	<0.52
MW-1B	57.9	<0.500	<0.009	<0.500	5.79 V	2.15 I	<6.60	8.2	<0.34	<0.50	<0.38	<0.52
Detection												
MW-3B	12.7 I	<0.500	<0.009	<0.500	4.55 V	2.46 I	12.0 I	<0.74	<0.34	<0.50	<0.38	<0.52
MW-4B	84.4	<0.500	<0.009	<0.500	5.18 V	3.76 I	15.0 I	<0.74	<0.34	<0.50	<0.38	<0.52
MW-5A	646	1.22 I	<0.009	0.808 I	4.16 V	1.53 I	<6.60	<0.74	<0.34	<0.50	<0.38	<0.52
MW-5B	7.22 I	0.576 IV	<0.009	<0.500	3.95 V	6.99 I	<6.60	<0.74	<0.34	1.7 I	0.59 I	<0.52
MW-6	38.1 I	0.683 IV	<0.009	<0.500	5.26 V	<0.500	<6.60	<0.74	<0.34	1.1 I	0.55 I	<0.52
MW-7BR	51.6	0.676 IV	<0.009	<0.500	7.8 V	13.1	<6.60	<0.74	<0.34	1.1 I	<0.38	<0.52
MW-8B	2530	0.657 IV	0.06 I	4.07 I	5.28 V	<0.500	<6.60	35	0.39 I	2.2 I	0.56 I	<0.52
MW-9B	19.2 I	0.615 IV	<0.009	<0.500	4.95 V	2.60 I	<6.60	<0.74	<0.34	2.8 I	0.61 I	2.6
MW-10B	181	0.602 IV	<0.009	2.19 I	4.73 V	<0.500	<6.60	<0.74	<0.34	3.5 I	0.76 I	<0.52
MW-11B	168 V	0.702 I	<0.009	0.733 I	4.93 V	3.49 I	13.6 IV	6.5	<0.34	0.53 I	<0.38	1.7
MW-12B	92.7	0.778 IV	<0.009	<0.500	6.73 V	1.81 I	17.6 I	<0.74	<0.34	0.91 I	0.40 I	1.2
Other, Water Supply												
Supply Well	8.04 I	0.865 IV	<0.009	<0.500	4.93 V	3.07 I	55.1	<0.74	<0.34	0.51 I	<0.38	<0.52
Surface Water												
Pond 1	158 V	<0.500	<0.009	0.782 I	12.6 V	1.72 I	20.4 IV	9.8	<0.34	1.5 I	<0.38	<0.52

LEGEND
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 (I) =No Standard
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 I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
 J = Estimated value
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ATTACHMENT 4
PARAMETER MONITORING REPORT FORMS

Enterprise Class III Landfill and Recycling Facility Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: 87895

Test Site ID #:

Well Name: Pond 1

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 04/18/08 1:25:00 PM

Report Period: FIRST SEMI ANNUAL 2008

Well Purged:

Well Type: Background
 Intermediate
 Compliance
 Other
 Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000094	CONDUCTIVITY (FIELD)	E	No	EPA 120.1	04/18/08 1:25:00 PM	324	µmhos/cm	
000400	pH (FIELD)	E	No	EPA 150.1	04/18/08 1:25:00 PM	8.14	pH Units	
070300	TOTAL DISSOLVED SOLIDS	E	No	EPA 160.1	04/23/08 11:50:00 PM	220	mg/L	10mg/L
000010	TEMPERATURE (FIELD)	E	No	EPA 170.1	04/18/08 1:25:00 PM	27.0	°C	
082078	TURBIDITY (FIELD)	E	No	EPA 180.1	04/18/08 1:25:00 PM	11.0	NTU	
000940	CHLORIDE	E	No	EPA 300.0	04/18/08 6:05:00 PM	19	mg/L	0.05mg/L
000620	NITRATE NITROGEN	E	No	EPA 300.0	04/18/08 6:05:00 PM	<0.004	mg/L	0.004mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	04/21/08 12:33:00 PM	0.029	mg/L	0.008mg/L
000299	DISSOLVED OXYGEN (FIELD)	E	No	EPA 360.1	04/18/08 1:25:00 PM	11.65	mg/L	
001097	ANTIMONY	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.820	µg/L	0.820µg/L
001002	ARSENIC	E	No	EPA 6020	04/22/08 4:57:00 PM	<1.10	µg/L	1.10µg/L
001007	BARIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	<5.00	µg/L	5.00µg/L
001012	BERYLLIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.730	µg/L	0.730µg/L
001027	CADMIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.820	µg/L	0.820µg/L
001034	CHROMIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	2.80 IV	µg/L	0.690µg/L
001037	COBALT	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.500	µg/L	0.500µg/L
001042	COPPER	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.500	µg/L	0.500µg/L
001045	IRON	E	No	EPA 6020	04/22/08 4:57:00 PM	158 V	µg/L	2.80µg/L
001051	LEAD	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.500	µg/L	0.500µg/L
001067	NICKEL	E	No	EPA 6020	04/22/08 4:57:00 PM	0.782 I	µg/L	0.500µg/L
001147	SELENIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	<3.10	µg/L	3.10µg/L
001077	SILVER	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.072	µg/L	0.072µg/L
000929	SODIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	12.6 V	mg/L	1 mg/L
001059	THALLIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	<0.200	µg/L	0.200µg/L
001087	VANADIUM	E	No	EPA 6020	04/22/08 4:57:00 PM	1.72 I	µg/L	0.500µg/L
001092	ZINC	E	No	EPA 6020	04/22/08 4:57:00 PM	20.4 IV	µg/L	6.60µg/L
071900	MERCURY	E	No	EPA 7470A	04/22/08 8:25:00 AM	<0.009	µg/L	0.009µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	04/22/08 12:31:00 AM	<0.008	µg/L	0.008µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	04/22/08 12:31:00 AM	<0.010	µg/L	0.010µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.45	µg/L	0.45µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.50	µg/L	0.50µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.22	µg/L	0.22µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.35	µg/L	0.35µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.46	µg/L	0.46µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.36	µg/L	0.36µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.39	µg/L	0.39µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
077103	2-HEXANONE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.75	µg/L	0.75µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.97	µg/L	0.97µg/L
081552	ACETONE	E	No	EPA 8260B	04/22/08 11:01:00 PM	9.8	µg/L	0.74µg/L

* Attach Laboratory Reports

Enterprise Class III Landfill and Recycling Facility Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: 87895

Test Site ID #:

Well Name: Pond 1

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 04/18/08 1:25:00 PM

Report Period: FIRST SEMIANNUAL 2008

Well Purged:

- Well Type: Background
 Intermediate
 Compliance
 Other
 Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034215	ACRYLONITRILE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<3.5	µg/L	3.5µg/L
034030	BENZENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.34	µg/L	0.34µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.22	µg/L	0.22µg/L
032104	BROMOFORM	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.33	µg/L	0.33µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.68	µg/L	0.68µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	04/22/08 11:01:00 PM	1.51	µg/L	0.50µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.47	µg/L	0.47µg/L
034301	CHLOROENZENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.27	µg/L	0.27µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.54	µg/L	0.54µg/L
032106	CHLOROFORM	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.36	µg/L	0.36µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.37	µg/L	0.37µg/L
077093	CIS-1,2-DICHLOROETHYLENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.34	µg/L	0.34µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.20	µg/L	0.20µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.23	µg/L	0.23µg/L
046361	DIBROMOMETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.52	µg/L	0.52µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.36	µg/L	0.36µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.52	µg/L	0.52µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<2.5	µg/L	2.5µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.98	µg/L	0.98µg/L
034423	METHYLENE CHLORIDE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.49	µg/L	0.49µg/L
077135	O-XYLENES	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.35	µg/L	0.35µg/L
077128	STYRENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.23	µg/L	0.23µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.47	µg/L	0.47µg/L
034010	TOLUENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.38	µg/L	0.38µg/L
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.58	µg/L	0.58µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.54	µg/L	0.54µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.30	µg/L	0.30µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.52	µg/L	0.52µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.42	µg/L	0.42µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.91	µg/L	0.91µg/L
081551	XYLENES	E	No	EPA 8260B	04/22/08 11:01:00 PM	<0.52	µg/L	0.52µg/L
046480	REDOX POTENTIAL (FIELD)	E	No	SM2580B	04/18/08 1:25:00 PM	119	mV	

ATTACHMENT 5
ORIGINAL LABORATORY DATA INCLUDING
CHAIN-OF-CUSTODY FORMS

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Monday, April 28, 2008

HDR, Inc. (HD002)

Attn: Lynne McDaniel

4140 NW 37th Place, Suite A

Gainesville, FL 32606

**RE: Project Number: 0-60365, Project Name/Desc: Angelo's Enterprise
ENCO Workorder: A802171**

Dear Lynne McDaniel,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, April 18, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Marcia Colon'.

Marcia Colon

Project Manager

Enclosure(s)



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LAB #	A802171-01	A802171-02	A802171-03	A802171-04	A802171-05	-	
MATRIX	Minimum	Ground Water	Ground Water	Surface Water	Ground Water	Ground Water	-
SAMPLE ID	Reporting Limit	MW-11B	MW-1	Pond	Equipment Blank	Trip Blank	-

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1 ug/L	<0.37 [5]	<0.37 [5]	<0.37 [5]	<0.37 [5]	<0.37 [5]	-
Vinyl chloride	1 ug/L	<0.91 [5]	<0.91 [5]	<0.91 [5]	<0.91 [5]	<0.91 [5]	-
Bromomethane	1 ug/L	<0.68 [5]	<0.68 [5]	<0.68 [5]	<0.68 [5]	<0.68 [5]	-
Chloroethane	1 ug/L	<0.54 [5]	<0.54 [5]	<0.54 [5]	<0.54 [5]	<0.54 [5]	-
Trichlorofluoromethane	1 ug/L	1.7	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	-
Acetone	5 ug/L	6.5	2.8 [2]	9.8	8.9	<0.74 [5]	-
1,1-Dichloroethene	1 ug/L	<0.46 [5]	<0.46 [5]	<0.46 [5]	<0.46 [5]	<0.46 [5]	-
Iodomethane	3 ug/L	<0.98 [5]	<0.98 [5]	<0.98 [5]	<0.98 [5]	<0.98 [5]	-
Carbon disulfide	5 ug/L	0.53 [2]	<0.50 [5]	1.5 [2]	<0.50 [5]	<0.50 [5]	-
Methylene chloride	1 ug/L	<0.49 [5]	<0.49 [5]	<0.49 [5]	<0.49 [5]	<0.49 [5]	-
Acrylonitrile	5 ug/L	<3.5 [5]	<3.5 [5]	<3.5 [5]	<3.5 [5]	<3.5 [5]	-
trans-1,2-Dichloroethene	1 ug/L	<0.58 [5]	<0.58 [5]	<0.58 [5]	<0.58 [5]	<0.58 [5]	-
cis-1,2-Dichloroethene	1 ug/L	<0.34 [5]	<0.34 [5]	<0.34 [5]	<0.34 [5]	<0.34 [5]	-
1,1-Dichloroethane	1 ug/L	<0.35 [5]	<0.35 [5]	<0.35 [5]	<0.35 [5]	<0.35 [5]	-
Vinyl acetate	1 ug/L	<0.42 [5]	<0.42 [5]	<0.42 [5]	<0.42 [5]	<0.42 [5]	-
2-Butanone	5 ug/L	<2.5 [5]	<2.5 [5]	<2.5 [5]	<2.5 [5]	<2.5 [5]	-
Chloroform	1 ug/L	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	-
Bromochloromethane	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-
1,1,1-Trichloroethane	1 ug/L	<0.50 [5]	<0.50 [5]	<0.50 [5]	<0.50 [5]	<0.50 [5]	-
Carbon tetrachloride	1 ug/L	<0.47 [5]	<0.47 [5]	<0.47 [5]	<0.47 [5]	<0.47 [5]	-
1,2-Dichloroethane	1 ug/L	<0.39 [5]	<0.39 [5]	<0.39 [5]	<0.39 [5]	<0.39 [5]	-
Benzene	1 ug/L	<0.34 [5]	<0.34 [5]	<0.34 [5]	<0.34 [5]	<0.34 [5]	-
Trichloroethene	1 ug/L	<0.30 [5]	<0.30 [5]	<0.30 [5]	<0.30 [5]	<0.30 [5]	-
1,2-Dichloropropane	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-
Bromodichloromethane	1 ug/L	<0.22 [5]	<0.22 [5]	<0.22 [5]	<0.22 [5]	<0.22 [5]	-
Dibromomethane	1 ug/L	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	-
4-Methyl-2-pentanone	5 ug/L	<0.97 [5]	<0.97 [5]	<0.97 [5]	<0.97 [5]	<0.97 [5]	-
2-Hexanone	5 ug/L	<0.75 [5]	<0.75 [5]	<0.75 [5]	<0.75 [5]	<0.75 [5]	-
cis-1,3-Dichloropropene	1 ug/L	<0.20 [5]	<0.20 [5]	<0.20 [5]	<0.20 [5]	<0.20 [5]	-
Toluene	1 ug/L	<0.38 [5]	<0.38 [5]	<0.38 [5]	2.6	<0.38 [5]	-
trans-1,3-Dichloropropene	1 ug/L	<0.20 [5]	<0.20 [5]	<0.20 [5]	<0.20 [5]	<0.20 [5]	-
1,1,2-Trichloroethane	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-
Tetrachloroethene	1 ug/L	<0.47 [5]	<0.47 [5]	<0.47 [5]	<0.47 [5]	<0.47 [5]	-
Dibromochloromethane	1 ug/L	<0.23 [5]	<0.23 [5]	<0.23 [5]	<0.23 [5]	<0.23 [5]	-
Chlorobenzene	1 ug/L	<0.27 [5]	<0.27 [5]	<0.27 [5]	<0.27 [5]	<0.27 [5]	-
1,1,1,2-Tetrachloroethane	1 ug/L	<0.45 [5]	<0.45 [5]	<0.45 [5]	<0.45 [5]	<0.45 [5]	-
Ethylbenzene	1 ug/L	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	-
m,p-Xylenes	1 ug/L	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	-
o-Xylene	1 ug/L	<0.35 [5]	<0.35 [5]	<0.35 [5]	<0.35 [5]	<0.35 [5]	-
Bromoform	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-
Styrene	1 ug/L	<0.23 [5]	<0.23 [5]	<0.23 [5]	<0.23 [5]	<0.23 [5]	-
1,2,3-Trichloropropane	1 ug/L	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	<0.36 [5]	-
1,1,2,2-Tetrachloroethane	1 ug/L	<0.22 [5]	<0.22 [5]	<0.22 [5]	<0.22 [5]	<0.22 [5]	-
trans-1,4-Dichloro-2-butene	1 ug/L	<0.54 [5]	<0.54 [5]	<0.54 [5]	<0.54 [5]	<0.54 [5]	-
1,4-Dichlorobenzene	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-



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LAB #		A802171-01	A802171-02	A802171-03	A802171-04	A802171-05	-
MATRIX	Minimum	Ground Water	Ground Water	Surface Water	Ground Water	Ground Water	-
SAMPLE ID	Reporting Limit	MW-11B	MW-1	Pond	Equipment Blank	Trip Blank	-

Volatile Organic Compounds by GCMS (continued)

1,2-Dichlorobenzene	1 ug/L	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	<0.33 [5]	-
Xylenes (Total)	1 ug/L	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	<0.52 [5]	-
Dibromofluoromethane	141 [surr]	124%	129%	131%	139%	132%	-
Toluene-d8	134 [surr]	111%	118%	114%	116%	111%	-
4-Bromofluorobenzene	147 [surr]	128%	131%	126%	136%	133%	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.02 ug/L	<0.010 [5]	<0.010 [5]	<0.010 [5]	<0.010 [5]	-	-
1,2-Dibromo-3-chloropropane	0.02 ug/L	<0.008 [5]	<0.008 [5]	<0.008 [5]	<0.008 [5]	-	-
1,3-Dichlorobenzene	150 [surr]	94.1%	87.3%	96.1%	94.1%	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5 ug/L	<0.820 [5]	<0.820 [5]	<0.820 [5]	<0.820 [5]	-	-
Arsenic	10 ug/L	<1.10 [5]	<1.10 [5]	<1.10 [5]	<1.10 [5]	-	-
Barium	100 ug/L	<5.00 [5]	<5.00 [5]	<5.00 [5]	<5.00 [5]	-	-
Beryllium	1 ug/L	<0.730 [5]	<0.730 [5]	<0.730 [5]	<0.730 [5]	-	-
Cadmium	3 ug/L	<0.820 [5]	<0.820 [5]	<0.820 [5]	<0.820 [5]	-	-
Chromium	10 ug/L	2.50 [1] [2] [3]	1.31 [1] [2] [3]	2.80 [1] [2] [3]	2.07 [1] [2] [3]	-	-
Cobalt	10 ug/L	<0.500 [5]	<0.500 [5]	<0.500 [5]	<0.500 [5]	-	-
Copper	10 ug/L	<0.500 [5]	<0.500 [5]	<0.500 [5]	<0.500 [5]	-	-
Iron	50 ug/L	168 [1] [4]	70.0 [1] [3]	158 [1] [4]	5.43 [1] [2] [3]	-	-
Lead	5 ug/L	0.702 [2]	<0.500 [5]	<0.500 [5]	<0.500 [5]	-	-
Mercury	0.20 ug/L	<0.009	<0.009	<0.009	<0.009	-	-
Nickel	10 ug/L	0.733 [2]	<0.500 [5]	0.782 [2]	<0.500 [5]	-	-
Selenium	10 ug/L	<3.10 [5]	<3.10 [5]	<3.10 [5]	<3.10 [5]	-	-
Silver	1 ug/L	<0.072 [5]	<0.072 [5]	<0.072 [5]	<0.072 [5]	-	-
Sodium	1000 ug/L	4930 [1] [4]	3380 [1] [4]	12600 [1] [4]	316 [1] [2] [3]	-	-
Thallium	1 ug/L	<0.200 [5]	<0.200 [5]	<0.200 [5]	<0.200 [5]	-	-
Vanadium	10 ug/L	3.49 [2]	<0.500 [5]	1.72 [2]	<0.500 [5]	-	-
Zinc	50 ug/L	13.6 [1] [2] [3]	7.42 [1] [2] [3]	20.4 [1] [2] [3]	7.96 [1] [2] [3]	-	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	0.014 [2]	0.015 [2]	0.029	0.014 [2]	-	-
Chloride	5.0 mg/L	7.1	5.6	19	0.91	-	-
Nitrate as N	1.0 mg/L	2.5	1.4	<0.004 [5]	0.13 [2]	-	-
Total Dissolved Solids	10 mg/L	120	46	220	<10 [5]	-	-

Field Parameters (Water)

Specific Conductance (EC)	0.00 umhos/cm	227	40	324	-	-	-
Dissolved Oxygen	0.00 mg/L	6.18	7.65	11.65	-	-	-
pH	pH Units	6.76	5.09	8.14	-	-	-
Oxidation/Reduction Potential	mV	71	109	119	-	-	-
Temperature	0.00 °C	23.8	23.9	27.0	-	-	-
Turbidity	0.00 NTU	12.2	1.64	11.0	-	-	-
Depth to Water	Ft	39.65	29.55	-	-	-	-



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8D22011 - EPA 5030B_MS

Blank (8D22011-BLK1)

Prepared: 04/22/2008 12:49 Analyzed: 04/22/2008 14:58

Chloromethane	0.37 U	1.0	ug/L							U
Vinyl chloride	0.91 U	1.0	ug/L							U
Bromomethane	0.68 U	1.0	ug/L							U
Chloroethane	0.54 U	1.0	ug/L							U
Trichlorofluoromethane	0.52 U	1.0	ug/L							U
Acetone	0.74 U	5.0	ug/L							U
1,1-Dichloroethene	0.46 U	1.0	ug/L							U
Iodomethane	0.98 U	3.0	ug/L							U
Carbon disulfide	0.50 U	5.0	ug/L							U
Methylene chloride	0.49 U	1.0	ug/L							U
Acrylonitrile	3.5 U	5.0	ug/L							U
trans-1,2-Dichloroethene	0.58 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.34 U	1.0	ug/L							U
1,1-Dichloroethane	0.35 U	1.0	ug/L							U
Vinyl acetate	0.42 U	1.0	ug/L							U
2-Butanone	2.5 U	5.0	ug/L							U
Chloroform	0.36 U	1.0	ug/L							U
Bromochloromethane	0.33 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.50 U	1.0	ug/L							U
Carbon tetrachloride	0.47 U	1.0	ug/L							U
1,2-Dichloroethane	0.39 U	1.0	ug/L							U
Benzene	0.34 U	1.0	ug/L							U
Trichloroethene	0.30 U	1.0	ug/L							U
1,2-Dichloropropane	0.33 U	1.0	ug/L							U
Bromodichloromethane	0.22 U	1.0	ug/L							U
Dibromomethane	0.52 U	1.0	ug/L							U
4-Methyl-2-pentanone	0.97 U	5.0	ug/L							U
2-Hexanone	0.75 U	5.0	ug/L							U
cis-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
Toluene	0.38 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.33 U	1.0	ug/L							U
Tetrachloroethene	0.47 U	1.0	ug/L							U
Dibromochloromethane	0.23 U	1.0	ug/L							U
Chlorobenzene	0.27 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.45 U	1.0	ug/L							U
Ethylbenzene	0.36 U	1.0	ug/L							U
m,p-Xylenes	0.52 U	1.0	ug/L							U
o-Xylene	0.35 U	1.0	ug/L							U
Bromoform	0.33 U	1.0	ug/L							U
Styrene	0.23 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.36 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.22 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.54 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.33 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.33 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
Volatile Organic Compounds by GCMS - Quality Control										
<i>Batch 8D22011 - EPA 5030B_MS</i>										
Blank (8D22011-BLK1) Continued Prepared: 04/22/2008 12:49 Analyzed: 04/22/2008 14:58										
Xylenes (Total)	0.52 U	1.0	ug/L							U
<i>Surrogate: Dibromofluoromethane</i>	64		ug/L	50.0		128	40-141			
<i>Surrogate: Toluene-d8</i>	56		ug/L	50.0		111	64-134			
<i>Surrogate: 4-Bromofluorobenzene</i>	62		ug/L	50.0		124	52-147			
LCS (8D22011-BS1) Prepared: 04/22/2008 12:49 Analyzed: 04/22/2008 14:28										
1,1-Dichloroethene	16	1.0	ug/L	20.0		81	57-142			
Benzene	16	1.0	ug/L	20.0		82	55-131			
Trichloroethene	20	1.0	ug/L	20.0		99	52-135			
Toluene	18	1.0	ug/L	20.0		89	58-148			
Chlorobenzene	19	1.0	ug/L	20.0		93	57-140			
<i>Surrogate: Dibromofluoromethane</i>	64		ug/L	50.0		129	40-141			
<i>Surrogate: Toluene-d8</i>	57		ug/L	50.0		114	64-134			
<i>Surrogate: 4-Bromofluorobenzene</i>	61		ug/L	50.0		123	52-147			
Matrix Spike (8D22011-MS1) Source: A802154-01 Prepared: 04/22/2008 12:49 Analyzed: 04/22/2008 15:29										
1,1-Dichloroethene	16	1.0	ug/L	20.0	0.46 U	81	57-142			
Benzene	17	1.0	ug/L	20.0	0.34 U	85	55-131			
Trichloroethene	21	1.0	ug/L	20.0	0.30 U	104	52-135			
Toluene	18	1.0	ug/L	20.0	0.46	90	58-148			
Chlorobenzene	19	1.0	ug/L	20.0	0.27 U	97	57-140			
<i>Surrogate: Dibromofluoromethane</i>	65		ug/L	50.0		131	40-141			
<i>Surrogate: Toluene-d8</i>	55		ug/L	50.0		110	64-134			
<i>Surrogate: 4-Bromofluorobenzene</i>	63		ug/L	50.0		125	52-147			
Matrix Spike Dup (8D22011-MSD1) Source: A802154-01 Prepared: 04/22/2008 12:49 Analyzed: 04/22/2008 15:59										
1,1-Dichloroethene	17	1.0	ug/L	20.0	0.46 U	84	57-142	4		16
Benzene	17	1.0	ug/L	20.0	0.34 U	83	55-131	3		12
Trichloroethene	20	1.0	ug/L	20.0	0.30 U	100	52-135	4		40
Toluene	18	1.0	ug/L	20.0	0.46	89	58-148	1		21
Chlorobenzene	19	1.0	ug/L	20.0	0.27 U	97	57-140	0.7		20
<i>Surrogate: Dibromofluoromethane</i>	69		ug/L	50.0		138	40-141			
<i>Surrogate: Toluene-d8</i>	54		ug/L	50.0		109	64-134			
<i>Surrogate: 4-Bromofluorobenzene</i>	64		ug/L	50.0		129	52-147			
Semivolatiles Organic Compounds by GC - Quality Control										
<i>Batch 8D21027 - EPA 504/8011</i>										
Blank (8D21027-BLK1) Prepared: 04/21/2008 15:04 Analyzed: 04/21/2008 22:33										
1,2-Dibromoethane	0.010 U	0.020	ug/L							U
1,2-Dibromo-3-chloropropane	0.008 U	0.020	ug/L							U
<i>Surrogate: 1,3-Dichlorobenzene</i>	0.23		ug/L	0.250		94	83-150			
LCS (8D21027-BS1) Prepared: 04/21/2008 15:04 Analyzed: 04/21/2008 22:46										
1,2-Dibromoethane	0.19	0.020	ug/L	0.250		75	49-154			
1,2-Dibromo-3-chloropropane	0.18	0.020	ug/L	0.250		73	49-140			
<i>Surrogate: 1,3-Dichlorobenzene</i>	0.26		ug/L	0.250		102	83-150			
Matrix Spike (8D21027-MS1) Source: A802182-02 Prepared: 04/21/2008 15:04 Analyzed: 04/21/2008 22:59										
1,2-Dibromoethane	0.23	0.020	ug/L	0.250		91	49-154			
1,2-Dibromo-3-chloropropane	0.18	0.020	ug/L	0.250		73	49-140			



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GC - Quality Control

Batch 8D21027 - EPA 504/8011

Matrix Spike (8D21027-MS1) Continued		Source: A802182-02		Prepared: 04/21/2008 15:04 Analyzed: 04/21/2008 22:59	
Surrogate: 1,3-Dichlorobenzene	0.23		ug/L	0.250	92 83-150
Matrix Spike Dup (8D21027-MSD1)		Source: A802182-02		Prepared: 04/21/2008 15:04 Analyzed: 04/21/2008 23:12	
1,2-Dibromoethane	0.22	0.020	ug/L	0.250	88 49-154 4 11
1,2-Dibromo-3-chloropropane	0.17	0.020	ug/L	0.250	70 49-140 5 15
Surrogate: 1,3-Dichlorobenzene	0.23		ug/L	0.250	91 83-150

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D17005 - EPA 7470A

Blank (8D17005-BLK1)				Prepared: 04/21/2008 10:19 Analyzed: 04/22/2008 07:20	
Mercury	0.009 U	0.20	ug/L		
LCS (8D17005-BS1)				Prepared: 04/21/2008 10:19 Analyzed: 04/22/2008 07:23	
Mercury	5.15	0.20	ug/L	5.00	103 90-110
Matrix Spike (8D17005-MS1)		Source: A801502-01		Prepared: 04/21/2008 10:19 Analyzed: 04/22/2008 07:29	
Mercury	5.36	0.20	ug/L	5.00 0.009 U	107 90-110
Matrix Spike Dup (8D17005-MSD1)		Source: A801502-01		Prepared: 04/21/2008 10:19 Analyzed: 04/22/2008 07:32	
Mercury	5.36	0.20	ug/L	5.00 0.009 U	107 90-110 0.03 10
Post Spike (8D17005-PS1)		Source: A801502-01		Prepared: 04/22/2008 06:00 Analyzed: 04/22/2008 07:35	
Mercury	5.76	0.20	ug/L	5.61 -0.007	103 0-200

Batch 8D21006 - EPA 3005A

Blank (8D21006-BLK1)				Prepared: 04/21/2008 11:29 Analyzed: 04/22/2008 12:36	
Antimony	0.820 U	5.00	ug/L		U
Arsenic	1.10 U	10.0	ug/L		U
Barium	5.00 U	100	ug/L		U
Beryllium	0.730 U	1.00	ug/L		U
Cadmium	0.820 U	3.00	ug/L		U
Chromium	1.78 I	10.0	ug/L		J
Cobalt	0.500 U	10.0	ug/L		U
Copper	0.500 U	10.0	ug/L		U
Iron	11.5 I	50.0	ug/L		J
Lead	0.500 U	5.00	ug/L		U
Nickel	0.500 U	10.0	ug/L		U
Selenium	3.10 U	10.0	ug/L		U
Silver	0.072 U	1.00	ug/L		U
Sodium	266 I	1000	ug/L		J
Thallium	0.200 U	1.00	ug/L		U
Vanadium	0.500 U	10.0	ug/L		U
Zinc	11.8 I	50.0	ug/L		J
LCS (8D21006-BS1)				Prepared: 04/21/2008 11:29 Analyzed: 04/22/2008 12:44	
Antimony	51.0	5.00	ug/L	50.0	102 85-115
Arsenic	485	10.0	ug/L	500	97 85-115
Barium	502	100	ug/L	500	100 85-115
Beryllium	50.7	1.00	ug/L	50.0	101 85-115
Cadmium	49.9	3.00	ug/L	50.0	100 85-115
Chromium	482 V	10.0	ug/L	500	96 85-115
Cobalt	500	10.0	ug/L	500	100 85-115
Copper	501	10.0	ug/L	500	100 85-115



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D21006 - EPA 3005A

LCS (8D21006-BS1) Continued

Prepared: 04/21/2008 11:29 Analyzed: 04/22/2008 12:44

Iron	1020 V	50.0	ug/L	1000		102	85-115			B
Lead	504	5.00	ug/L	500		101	85-115			
Nickel	509	10.0	ug/L	500		102	85-115			
Selenium	505	10.0	ug/L	500		101	85-115			
Silver	50.8	1.00	ug/L	50.0		102	85-115			
Sodium	24300 V	1000	ug/L	25000		97	85-115			B
Thallium	51.3	1.00	ug/L	50.0		103	85-115			
Vanadium	506	10.0	ug/L	500		101	85-115			
Zinc	489 V	50.0	ug/L	500		98	85-115			B

Matrix Spike (8D21006-MS1)

Source: A802171-04

Prepared: 04/21/2008 11:29 Analyzed: 04/22/2008 13:00

Antimony	51.1	5.00	ug/L	50.0	0.820 U	102	85-115			
Arsenic	488	10.0	ug/L	500	1.10 U	98	85-115			
Barium	496	100	ug/L	500	5.00 U	99	85-115			
Beryllium	49.0	1.00	ug/L	50.0	0.730 U	98	85-115			
Cadmium	49.7	3.00	ug/L	50.0	0.820 U	99	85-115			
Chromium	475 V	10.0	ug/L	500	2.07	95	85-115			B
Cobalt	491	10.0	ug/L	500	0.500 U	98	85-115			
Copper	502	10.0	ug/L	500	0.500 U	100	85-115			
Iron	998 V	50.0	ug/L	1000	5.43	99	85-115			B
Lead	500	5.00	ug/L	500	0.500 U	100	85-115			
Nickel	505	10.0	ug/L	500	0.500 U	101	85-115			
Selenium	498	10.0	ug/L	500	3.10 U	100	85-115			
Silver	49.3	1.00	ug/L	50.0	0.072 U	99	85-115			
Sodium	23800 V	1000	ug/L	25000	316	94	85-115			B
Thallium	50.6	1.00	ug/L	50.0	0.200 U	101	85-115			
Vanadium	498	10.0	ug/L	500	0.500 U	100	85-115			
Zinc	497 V	50.0	ug/L	500	7.96	98	85-115			B

Matrix Spike Dup (8D21006-MSD1)

Source: A802171-04

Prepared: 04/21/2008 11:29 Analyzed: 04/22/2008 13:09

Antimony	51.2	5.00	ug/L	50.0	0.820 U	102	85-115	0.2	20	
Arsenic	478	10.0	ug/L	500	1.10 U	96	85-115	2	20	
Barium	498	100	ug/L	500	5.00 U	100	85-115	0.5	20	
Beryllium	46.4	1.00	ug/L	50.0	0.730 U	93	85-115	6	20	
Cadmium	49.5	3.00	ug/L	50.0	0.820 U	99	85-115	0.4	20	
Chromium	475 V	10.0	ug/L	500	2.07	95	85-115	0.02	20	B
Cobalt	494	10.0	ug/L	500	0.500 U	99	85-115	0.6	20	
Copper	493	10.0	ug/L	500	0.500 U	99	85-115	2	20	
Iron	991 V	50.0	ug/L	1000	5.43	99	85-115	0.8	20	B
Lead	496	5.00	ug/L	500	0.500 U	99	85-115	0.9	20	
Nickel	502	10.0	ug/L	500	0.500 U	100	85-115	0.5	20	
Selenium	474	10.0	ug/L	500	3.10 U	95	85-115	5	20	
Silver	50.1	1.00	ug/L	50.0	0.072 U	100	85-115	2	20	
Sodium	25000 V	1000	ug/L	25000	316	99	85-115	5	20	B
Thallium	50.8	1.00	ug/L	50.0	0.200 U	102	85-115	0.4	20	
Vanadium	501	10.0	ug/L	500	0.500 U	100	85-115	0.6	20	
Zinc	492 V	50.0	ug/L	500	7.96	97	85-115	1	20	B

Post Spike (8D21006-PS1)

Source: A802171-04

Prepared: 04/22/2008 10:00 Analyzed: 04/22/2008 13:17

Antimony	4.91	0.500	ug/L	4.90	0.072	99	75-125			
Arsenic	45.4	1.00	ug/L	49.0	-0.279	93	75-125			



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D21006 - EPA 3005A

Post Spike (8D21006-PS1) Continued	Source: A802171-04			Prepared: 04/22/2008 10:00 Analyzed: 04/22/2008 13:17						
Barium	48.0	10.0	ug/L	49.0	-0.829	100	75-125			
Beryllium	4.74	0.100	ug/L	4.90	-0.010	97	75-125			
Cadmium	4.93	0.300	ug/L	4.90	-0.055	102	75-125			
Chromium	47.1 V	1.00	ug/L	49.0	0.203	96	75-125			B
Cobalt	47.7	1.00	ug/L	49.0	-0.116	98	75-125			
Copper	48.9	1.00	ug/L	49.0	-0.081	100	75-125			
Iron	95.9 V	5.00	ug/L	98.0	0.532	97	75-125			B
Lead	48.3	0.500	ug/L	49.0	0.026	99	75-125			
Nickel	48.6	1.00	ug/L	49.0	-0.056	99	75-125			
Selenium	45.6	1.00	ug/L	49.0	0.103	93	75-125			
Silver	4.70	0.100	ug/L	4.90	-0.006	96	75-125			
Sodium	2400 V	100	ug/L	2450	31.0	97	75-125			B
Thallium	4.86	0.100	ug/L	4.90	-0.003	99	75-125			
Vanadium	45.2	1.00	ug/L	49.0	-0.045	92	75-125			
Zinc	48.7 V	5.00	ug/L	49.0	0.780	98	75-125			B

Batch AA03737 - 8D18017

Serial Dilution (AA03737-SRD1)	Source: A801502-01			Prepared: 04/19/2008 00:00 Analyzed: 04/22/2008 07:39							
Mercury	0.06 U	1.20	ug/L					0.06 U			200
Serial Dilution (AA03737-SRD2)	Source: A802159-02			Prepared: 04/19/2008 00:00 Analyzed: 04/22/2008 08:56							
Mercury	0.06 U	1.20	ug/L								200

Batch AA03750 - 8D21024

Serial Dilution (AA03750-SRD3)	Source: A802121-01			Prepared: 04/21/2008 00:00 Analyzed: 04/22/2008 19:46							
Iron	2790	250	ug/L								10

Classical Chemistry Parameters - Quality Control

Batch 8D18019 - NO PREP

Blank (8D18019-BLK1)	Prepared: 04/18/2008 06:45 Analyzed: 04/18/2008 07:06										
Nitrate as N	0.004 U	1.0	mg/L								U
Chloride	0.05 U	5.0	mg/L								
LCS (8D18019-BS1)	Prepared: 04/18/2008 06:45 Analyzed: 04/18/2008 07:42										
Nitrate as N	10	1.0	mg/L	10.0		103	90-112				
Chloride	51	5.0	mg/L	50.0		102	85-118				
Matrix Spike (8D18019-MS1)	Source: A801914-01			Prepared: 04/18/2008 06:45 Analyzed: 04/18/2008 07:59							
Nitrate as N	11	1.0	mg/L	10.2	0.90	99	90-112				
Chloride	53	5.0	mg/L	51.0	1.4	101	85-118				
Matrix Spike Dup (8D18019-MSD1)	Source: A801914-01			Prepared: 04/18/2008 06:45 Analyzed: 04/18/2008 08:17							
Nitrate as N	11	1.0	mg/L	10.2	0.90	99	90-112	0.5		16	
Chloride	54	5.0	mg/L	51.0	1.4	103	85-118	1		10	

Batch 8D21016 - NO PREP

Blank (8D21016-BLK1)	Prepared: 04/21/2008 11:43 Analyzed: 04/21/2008 12:24										
Ammonia as N	0.008 U	0.020	mg/L								U
LCS (8D21016-BS1)	Prepared: 04/21/2008 11:43 Analyzed: 04/21/2008 12:26										
Ammonia as N	1.0	0.020	mg/L	1.00		103	90-110				
Matrix Spike (8D21016-MS1)	Source: A802171-01			Prepared: 04/21/2008 11:43 Analyzed: 04/21/2008 12:29							
Ammonia as N	0.95	0.020	mg/L	1.00	0.014	93	90-110				
Matrix Spike Dup (8D21016-MSD1)	Source: A802171-01			Prepared: 04/21/2008 11:43 Analyzed: 04/21/2008 12:30							



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control

Batch 8D21016 - NO PREP

Matrix Spike Dup (8D21016-MSD1) Continued **Source: A802171-01** Prepared: 04/21/2008 11:43 Analyzed: 04/21/2008 12:30

Ammonia as N	0.94	0.020	mg/L	1.00	0.014	93	90-110	0.6	10	
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Batch 8D22002 - NO PREP

Blank (8D22002-BLK1) Prepared: 04/22/2008 16:40 Analyzed: 04/23/2008 23:50

Total Dissolved Solids	10 U	10	mg/L							U
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LCS (8D22002-BS1) Prepared: 04/22/2008 16:40 Analyzed: 04/23/2008 23:50

Total Dissolved Solids	300	10	mg/L	300		101	87-114			
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Duplicate (8D22002-DUP1) **Source: A802218-04** Prepared: 04/22/2008 16:40 Analyzed: 04/23/2008 23:50

Total Dissolved Solids	410	10	mg/L	410				0.5	10	
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Special Notes

- [1] V = Analyte is found in the associated blank as well as in the sample (CLP B-flag).
- [2] I = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- [3] I-01 = Result is estimated due to positive results in the associated method blank.
- [4] QV-0 = The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact on the deviation.
- [5] U = Analyte included in the analysis, but not detected



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LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7000	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182

