

**ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
SECOND SEMIANNUAL COMPLIANCE MONITORING REPORT 2013
DEP PERMIT NO. 177982-020-SO/T3, WACS No. 87895
DEP Due Date: December 8, 2013**

Prepared by:

**LOCKLEAR AND ASSOCIATES, INC.
4140 NW 37th Place, Suite A
Gainesville, Florida 32606**

December 2013





December 2, 2013

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 2013
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-020-SO/T3
WACS No. 87895

Dear Mr. Morris:

This report presents data from the initial sampling event of BW-1A, BW-1B, and MW-6B and the second semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on August 5, September 25, 26, and 27, 2013.

Monitoring wells BW-1A, BW-1B, and MW-6B were installed and sampled per Appendix 3.3 of the above permit. All groundwater wells which require semiannual sampling were sampled and analyzed for the parameters listed in Appendix 3.4.c of the permit with the exception of MW-1A, MW-8, MW-9, MW-10, and MW-12A which were dry and BW-1A which contained insufficient water for sampling. The supply well was sampled for parameters listed in Appendix 3.4.c of the permit however the Temporary Pond was dry and not sampled. Quality Assurance/Quality Control samples were also collected.

Monitoring wells BW-1A, MW-8, MW-9, MW-10, 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 with the exception of the Mercury in MW-11B which is a first time exceedance. We recommend continued semiannual monitoring as specified in the current permit.

If you have any questions regarding this report, please contact me at (352) 672-6867.

Sincerely,

A handwritten signature in blue ink that reads "John Locklear".

John Locklear, P.G.
President

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\2013\13S2\13s2_letter.doc

Xc: John Arnold

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
Attachment 5:	ADaPT Files and Laboratory Reports including Chains-of-Custody



Florida Department of Environmental Protection

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.

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 Pasco
Telephone Number ()
(2) WACS Facility ID 87895
(3) DEP Permit Number 177982-020-SO/T3
(4) Authorized Representative's Name John P. Arnold, P.E. Title _____
Address 41111 Enterprise Road
City Dade City, Florida Zip 33525 County Pasco
Telephone Number (813) 477-1719
Email address (if available) john.phillip.arnold@gmail.com

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.

12/4/13

(Date)

[Signature]

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

- Sampling Organization Ideal Tech Services
Analytical Lab NELAC / HRS Certification # E83079
Lab Name Environmental Conservation Laboratories, Inc.
Address 10775 Central Port Drive, Orlando, Florida 32824
Phone Number (407) 826-5314
Email address (if available) _____

Northwest District
180 Government Center
Pensacola, FL 32501-5794
850-695-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3787
407-894-7555

Southwest District
13051 N. Telecom Pkwy.
Tempe Terrace, FL
813-632-7800

South District
2295 Victoria Ave., Ste. 384
Fort Myers, FL 33902-2849
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-8600

Attachment 1
Groundwater Elevation Data and Groundwater Contour Maps

GROUNDWATER ELEVATION DATA

Enterprise Class III Landfill and Recycling Facility 13S2

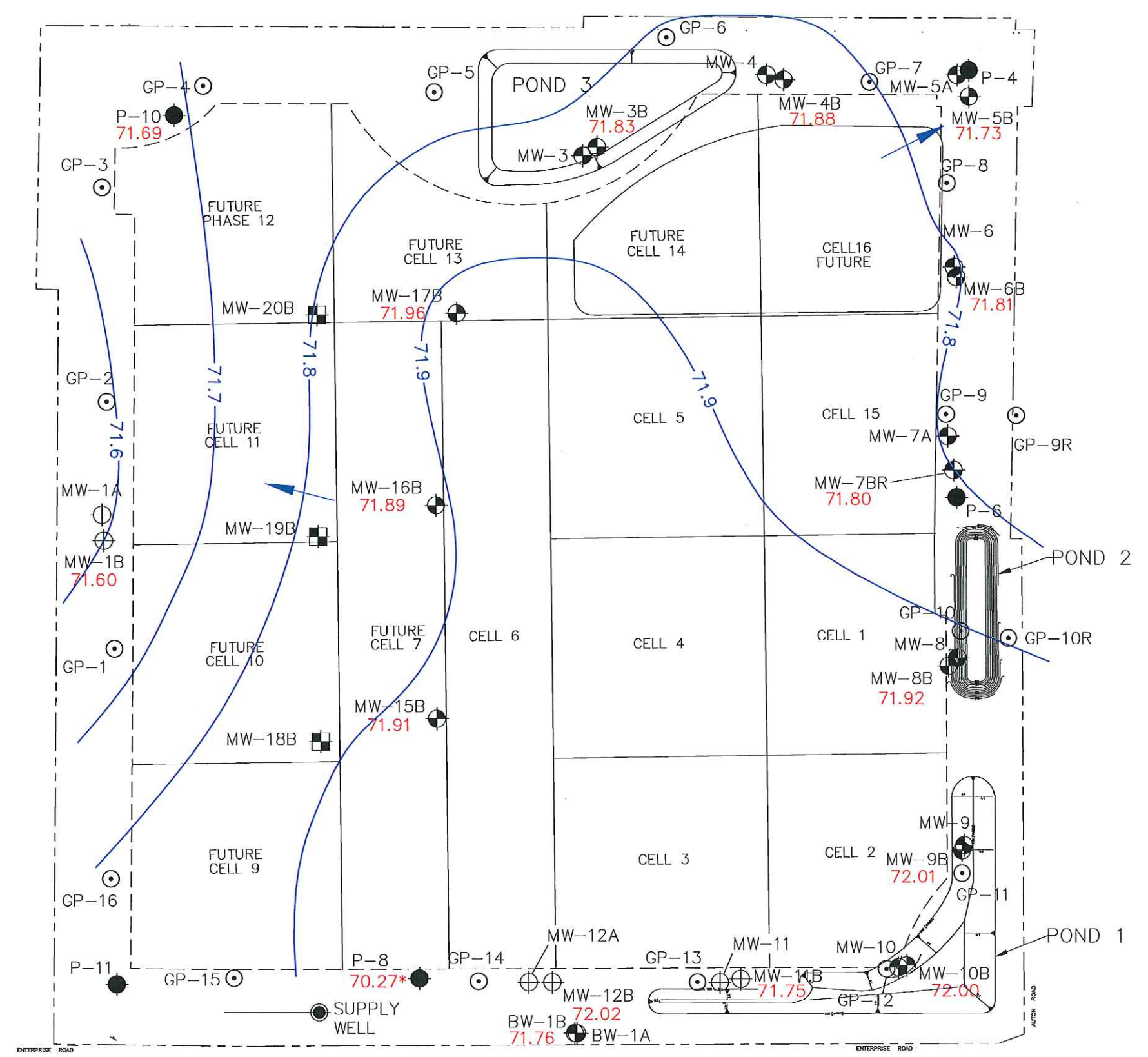
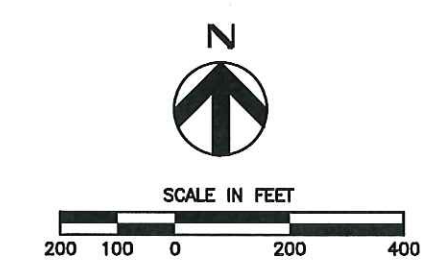
WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUDWATER ELEVATION	DEPTH TO WATER	GROUDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1A	173.77	NM	NM	NS	NS
BW-1A	122.50	50.88	71.62	NS	NS
MW1B	174.11	102.51	71.60	102.51	71.60
BW-1B	122.82	51.06	71.76	51.06	71.76
MW-3	85.39	13.54	71.85	13.29	72.10
MW-3B	84.80	12.97	71.83	12.67	72.13
MW-4	100.59	17.89	82.70	17.82	82.77
MW-4B	100.87	28.99	71.88	28.74	72.13
MW-5A	86.74	10.00	76.74	9.69	77.05
MW-5B	85.70	13.97	71.73	13.74	71.96
MW-6	88.65	6.38	82.27	6.38	82.27
MW-6B	89.10	17.29	71.81	17.29	71.81
MW-7A	100.72	27.14	73.58	27.14	73.58
MW-7BR	103.27	31.47	71.80	31.47	71.80
MW-8	100.10	33.24	66.86	NS	NS
MW-8B	108.52	36.60	71.92	36.60	71.92
MW-9	108.00	29.37	78.63	NS	NS
MW-9B	109.75	37.74	72.01	37.74	72.01
MW-10	111.62	37.30	74.32	NS	NS
MW-10B	110.00	38.00	72.00	38.00	72.00
MW-11	104.45	31.89	72.56	31.89	72.56
MW-11B	106.11	34.36	71.75	34.36	71.75
MW-12A	121.43	50.07	71.36	NS	NS
MW-12B	121.84	49.82	72.02	49.82	72.02
MW-12B D	121.84	49.82	72.02	49.82	72.02
MW-15B	147.87	75.96	71.91	75.96	71.91
MW-16B	138.01	66.12	71.89	66.12	71.89
MW-17B	87.21	15.25	71.96	15.25	71.96
P-4	84.55	12.51	72.04	NS	NS
P-6	94.16	21.40	72.76	NS	NS
P-8	133.94	63.67	70.27	NS	NS
P-10	132.60	60.91	71.69	NS	NS
P-11	150.76	56.34	94.42	NS	NS
SUPPLY WELL	NM	NM	NM	NS	NS

1 2 3 4 5 6 7 8

LEGEND

- MW-4B MONITORING WELL LOCATION
- 71.88 GROUNDWATER ELEVATION
- GP-1 GAS PROBE LOCATION
- SUPPLY WELL LOCATION
- P-11 PIEZOMETER WELL LOCATION
- MW-12A WATER LEVEL ONLY WELL LOCATION
- MW-18B FUTURE MONITOR WELL LOCATION**
- PROPERTY BOUNDARY
- LANDFILL LIMITS
- CELL BOUNDARY
- 71.8 GROUNDWATER CONTOUR LINE (0.1' INTERVALS)
- GROUNDWATER FLOW DIRECTION

** WELLS TO BE INSTALLED WITH FUTURE CELL 7



PROJECT MANAGER	J. LOCKLEAR
DESIGNED	J. LOCKLEAR
CHECKED BY	J. LOCKLEAR
DRAWN BY	S. KARWAN
PROJECT NUMBER	114-001

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

FLORIDAN AQUIFER
GROUNDWATER CONTOUR MAP

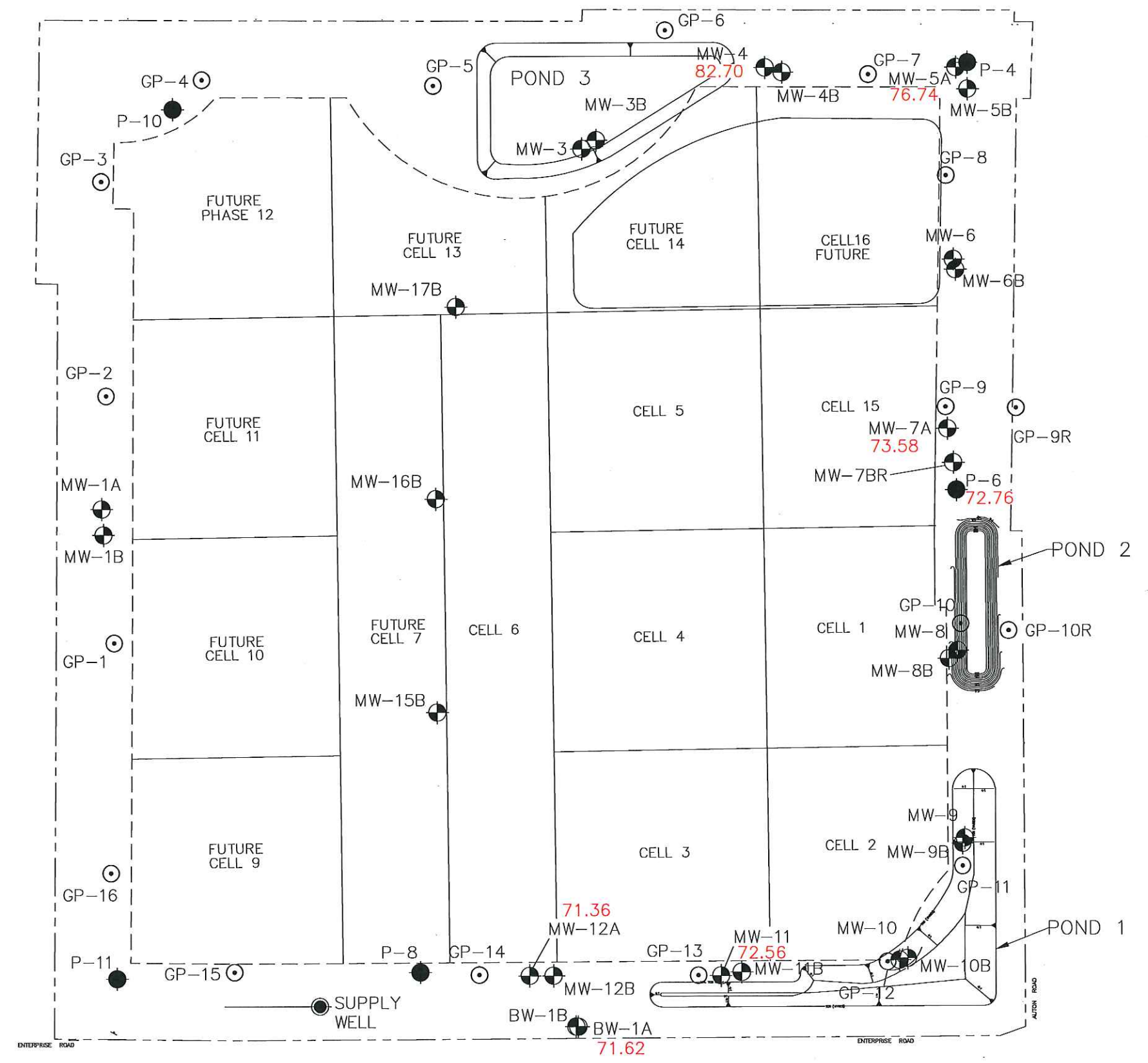
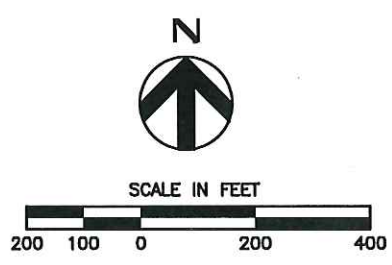
September 9, 2013

FILENAME	SHEET
SCALE	

1 2 3 4 5 6 7 8

LEGEND

- MW-4 MONITORING WELL LOCATION
- 82.70 GROUNDWATER ELEVATION
- GP-1 GAS PROBE LOCATION
- SUPPLY WELL LOCATION
- P-11 PIEZOMETER WELL LOCATION
- PROPERTY BOUNDARY
- LANDFILL LIMITS
- CELL BOUNDARY



PROJECT MANAGER	J. LOCKLEAR
DESIGNED	J. LOCKLEAR
CHECKED BY	J. LOCKLEAR
DRAWN BY	S. KARWAN
PROJECT NUMBER	114-001

**ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA**

**SURFICIAL AQUIFER
GROUNDWATER CONTOUR MAP**

SEPTEMBER 9, 2013	
FILENAME	SHEET
SCALE	

Attachment 2
Analysis Results Compared to Groundwater Standards

ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
SECOND SEMIANNUAL 2013

PARAMETER		ph (FIELD)	IRON	MERCURY
STANDARD		6.5-8.5 S.U.**	300 µg/L**	2 µg/L*
Background				
MW-1B	9/25/2013	-	-	-
BW-1B	9/26/2013	-	-	-
Detection				
MW-3	9/27/2013	-	-	-
MW-3B	9/27/2013	-	-	-
MW-4	9/27/2013	-	-	-
MW-4B	9/27/2013	-	-	-
MW-5A	9/27/2013	6.41	-	-
MW-5B	9/27/2013	-	-	-
MW-6	9/26/2013	4.6	-	-
MW-6B	9/26/2013	-	-	-
MW-7A	9/26/2013	5.3	1370	-
MW-7BR	9/26/2013	-	-	-
MW-8B	9/26/2013	-	4730	-
MW-9B	9/25/2013	-	-	-
MW-10B	9/25/2013	-	-	-
MW-11	9/25/2013	5.87	14700	-
MW-11B	9/25/2013	6	-	2.35
MW-12B	9/25/2013	6.45	-	-
MW-15B	9/26/2013	-	-	-
MW-16B	9/26/2013	8.55	-	-
MW-17B	9/25/2013	-	-	-
Other, Water Supply				
Supply Well	9/26/2013	-	786	-
QA/QC				
EQUBLK	9/26/2013	NM	-	-
TRIP1	9/25/2013	NM	NM	NM
TRIP2	9/26/2013	NM	NM	NM
TRIP3	9/26/2013	NM	NM	NM

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
HISTORICAL DATA

PARAMETER	CONDUCTIVITY (FIELD)	DEPTH TO WATER FROM MEASURE PT	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPERATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ARSENIC
STANDARD UNITS	(1) $\mu\text{mhos/cm}$	(1) FT	(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**	6 $\mu\text{g/L}$ *	10 $\mu\text{g/L}$ *
Background														
BW-1A	335	-	3.90	52.48	10.44	66.0	25.50	796	0.0096 I	19	4.1	210	2.05 I	7.30 I
MW-1B	377	102.52	6.33	-	7.43	101.1	24.48	0.900	<0.0073	26	7.2	270	<1.10	<6.10
BW-1B	333	-	6.33	52.60	7.30	199.2	25.50	1.20	<0.0073	15	4.7	180	<1.10	<6.10
BW-1B	270	52.03	6.00	-	6.97	106.8	24.52	1.30	<0.0073	14	4.2	180	<1.10	<6.10
Detection														
MW-3	417	13.56	3.39	-	7.61	120.0	27.83	0.500	<0.0073	3.8 I	0.21 I	230	<1.10	<6.10
MW-3B	330	12.69	2.29	-	7.35	94.0	25.30	0.900	<0.0073	4.1 I	0.52 I	220	<1.10	<6.10
MW-4	557	22.36	3.40	-	6.83	169.8	25.17	6.00	<0.0073	8.6	0.15 I	310	<1.10	<6.10
MW-4B	245	28.78	2.93	-	7.52	117.0	24.05	0.200	<0.0073	4.2 I	0.54 I	160	<1.10	<6.10
MW-5A	79	10.45	4.83	-	6.41	259.5	25.88	0.800	<0.0073	2.7 I	1.7	36	<1.10	<6.10
MW-5B	249	13.85	3.80	-	7.57	103.0	23.64	0.400	<0.0073	3.2 I	1.0	170	<1.10	<6.10
MW-6	83	18.06	6.63	-	4.60	537.6	26.54	3.00	<0.0073	5.7	1.7	50	<1.10	<6.10
MW-6B	237	-	1.69	18.81	8.89	233.0	24.44	4.68	<0.0073	3.6 I	0.78 I	140	<1.10	<6.10
MW-6B	193	17.08	2.20	-	7.80	333.0	24.22	7.00	<0.0073	3.6 I	0.73 I	84	<1.10	<6.10
MW-7A	137	35.20	0.97	-	5.30	109.9	26.69	7.90	0.013 I	16	0.17 I	94	<1.10	<6.10
MW-7BR	246	31.51	1.53	-	7.50	104.5	24.62	8.00	<0.0073	4.1 I	0.78 I	140	<1.10	<6.10
MW-8B	557	36.70	0.53	-	6.76	-100.4	27.25	0.500	1.5	6.9	<0.052	330	<1.10	<6.10
MW-9B	499	37.91	2.50	-	6.94	94.7	26.18	3.50	<0.0073	6.0	3.0	310	<1.10	<6.10
MW-10B	290	38.03	0.30	-	6.69	-14.9	26.26	0.500	<0.0073	5.0	1.4	200	<1.10	<6.10
MW-11	104	33.52	0.39	-	5.87	-76.2	25.60	17.0	0.42	8.3	<0.052	64	<1.10	<6.10
MW-11B	164	34.79	0.71	-	6.00	165.7	24.35	1.50	<0.0073	6.2	0.78 I	110	<1.10	<6.10
MW-12B	246	49.87	-	-	6.45	-	24.31	1.20	<0.0073	-	4.9	180	-	-
MW-12B D	-	-	6.45	-	-	117.0	-	-	-	10	5.0	170	<1.10	<6.10
MW-15B	261	76.00	5.24	-	7.60	118.3	24.63	1.20	<0.0073	13	5.3	180	<1.10	<6.10
MW-16B	214	66.18	7.17	-	8.55	98.6	24.42	0.900	<0.0073	14	5.6	170	<1.10	<6.10
MW-17B	410	15.48	5.28	-	7.10	136.6	23.34	3.60	<0.0073	6.1	2.9	240	<1.10	<6.10
Other, Water Supply														
Supply Well	350	-	2.60	-	7.20	39.8	24.50	5.80	<0.0073	19	3.0	240	<1.10	<6.10

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
HISTORICAL DATA

PARAMETER	CONDUC- TIVITY (FIELD)	DEPTH TO WATER FROM MEASURE PT	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ARSENIC
STANDARD UNITS	(1) µmhos/cm	(1) FT	(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
QA/QC														
EQUBLK	9/26/2013	-	-	-	-	-	-	-	<0.0073	<0.29	<0.052	<10	<1.10	<6.10
EQUBLK1	8/5/2013	-	-	-	-	-	-	-	<0.0073	<0.29	<0.052	<10	<1.10	<6.10
EQUBLK2	8/5/2013	-	-	-	-	-	-	-	<0.0073	<0.29	<0.052	<10	<1.10	<6.10
TRIP1	9/25/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
TRIP2	9/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
TRIP3	9/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-

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
HISTORICAL DATA

PARAMETER	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	IRON	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	CHLORO-FORM
STANDARD UNITS	2000 µg/L*	4 µg/L*	5 µg/L*	100 µg/L*	1000 µg/L**	300 µg/L**	15 µg/L*	2 µg/L*	100 µg/L*	160 mg/L*	49 µg/L***	5000 µg/L**	6300 µg/L***	70 µg/L***
Background														
BW-1A	8/5/2013	528	1.99	2.98 I	74.8	13.1	18600	25.8	9.94 I	8.90	67.4	55.6	<1.8	<0.80
MW-1B	9/25/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	9.08	<2.00	22.9 I	<1.8	1.1
BW-1B	8/5/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	7.85	<2.00	<16.0	<1.8	<0.80
BW-1B	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	7.68	<2.00	<16.0	<1.8	<0.80
Detection														
MW-3	9/27/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	7.34	<2.00	<16.0	<1.8	<0.80
MW-3B	9/27/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	4.30	2.04 I	<16.0	<1.8	<0.80
MW-4	9/27/2013	25.6 I	<0.940	<1.10	<4.50	<2.20	163	<0.0230	<3.20	16.2	<2.00	<16.0	<1.8	<0.80
MW-4B	9/27/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	4.82	<2.00	<16.0	<1.8	<0.80
MW-5A	9/27/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	4.02	<2.00	<16.0	<1.8	<0.80
MW-5B	9/27/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	3.73	5.38 I	<16.0	<1.8	<0.80
MW-6	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	4.64	<2.00	<16.0	<1.8	<0.80
MW-6B	8/5/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	5.55	6.43 I	<16.0	<1.8	<0.80
MW-6B	9/26/2013	24.6 I	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	5.50	5.60 I	<16.0	<1.8	<0.80
MW-7A	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	1370	<0.0230	<3.20	6.81	<2.00	<16.0	<1.8	<0.80
MW-7BR	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	3.93	9.13 I	<16.0	<1.8	<0.80
MW-8B	9/26/2013	67.1 I	<0.940	<1.10	<4.50	<2.20	4730	<0.0230	3.43 I	6.65	<2.00	<16.0	<1.8	<0.80
MW-9B	9/25/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	5.61 I	5.90	2.37 I	<16.0	<1.8	<0.80
MW-10B	9/25/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	5.41	<2.00	<16.0	<1.8	<0.80
MW-11	9/25/2013	<20.0	<0.940	<1.10	<4.50	6.75 I	14700	<0.0230	<3.20	7.14	<2.00	<16.0	<1.8	<0.80
MW-11B	9/25/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	2.35	<3.20	7.38	<2.00	<16.0	<1.8	<0.80
MW-12B	9/25/2013	-	<0.940	<1.10	<4.50	-	<38.0	-	-	7.25	<2.00	<16.0	-	-
MW-12B D	9/25/2013	<20.0	-	-	<2.20	<2.20	-	<0.0230	<3.20	7.24	-	-	<1.8	<0.80
MW-15B	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	7.75	<2.00	<16.0	<1.8	<0.80
MW-16B	9/26/2013	96.0 I	<0.940	<1.10	<4.50	<2.20	<38.0	<0.0230	<3.20	9.08	<2.00	<16.0	<1.8	<0.80
MW-17B	9/25/2013	<20.0	<0.940	<1.10	<4.50	<2.20	83.3	<0.0230	<3.20	6.14	<2.00	<16.0	<1.8	<0.80
Other, Water Supply														
Supply Well	9/26/2013	<20.0	<0.940	<1.10	<4.50	<2.20	786	<0.0230	<3.20	13.1	2.10 I	155	<1.8	7.6

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
HISTORICAL DATA

PARAMETER	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	IRON	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	CHLORO-FORM
STANDARD	2000 µg/L*	4 µg/L*	5 µg/L*	100 µg/L*	1000 µg/L**	300 µg/L**	15 µg/L*	2 µg/L*	100 µg/L*	180 mg/L*	49 µg/L***	5000 µg/L**	6300 µg/L***	70 µg/L***
UNITS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
QA/QC														
EQUBLK	9/26/2013	<0.940	<1.10	<4.50	<2.20	<38.0	<1.60	<0.0230	<3.20	<0.320	<2.00	<16.0	<1.8	<0.80
EQUBLK1	8/5/2013	<0.940	<1.10	<4.50	<2.20	<38.0	<1.60	<0.0230	<3.20	<0.320	<2.00	<16.0	7.4	<0.80
EQUBLK2	8/5/2013	<0.940	<1.10	<4.50	<2.20	<38.0	<1.60	<0.0230	<3.20	<0.320	<2.00	<16.0	9.3	<0.80
TRIP1	9/25/2013	-	-	-	-	-	-	-	-	-	-	-	<1.8	<0.80
TRIP2	9/26/2013	-	-	-	-	-	-	-	-	-	-	-	<1.8	<0.80
TRIP3	9/26/2013	-	-	-	-	-	-	-	-	-	-	-	<1.8	<0.80

LEGEND

- * =Primary Drinking Water Standard
 ** =Secondary Drinking Water Standard
 *** =Chapter 62-777-Groundwater Cleanup Target Level (GCTL)
 (I) =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
HISTORICAL DATA

PARAMETER	METHYLETHYL KETONE	TOLUENE	TOTAL VOCs
STANDARD UNITS			
Background			
BW-1A 8/5/2013	<4.5	<0.72	-
MW-1B 9/25/2013	<4.5	<0.72	1.1
BW-1B 8/5/2013	<4.5	<0.72	-
BW-1B 9/26/2013	<4.5	<0.72	-
Detection			
MW-3 9/27/2013	<4.5	<0.72	-
MW-3B 9/27/2013	<4.5	<0.72	-
MW-4 9/27/2013	<4.5	<0.72	-
MW-4B 9/27/2013	<4.5	<0.72	-
MW-5A 9/27/2013	<4.5	<0.72	-
MW-5B 9/27/2013	<4.5	<0.72	-
MW-6 9/26/2013	<4.5	<0.72	-
MW-6B 8/5/2013	<4.5	<0.72	-
MW-6B 9/26/2013	<4.5	<0.72	-
MW-7A 9/26/2013	<4.5	<0.72	-
MW-7BR 9/26/2013	<4.5	<0.72	-
MW-8B 9/26/2013	<4.5	<0.72	-
MW-9B 9/25/2013	<4.5	<0.72	-
MW-10B 9/25/2013	<4.5	<0.72	-
MW-11 9/25/2013	<4.5	5.0	5
MW-11B 9/25/2013	<4.5	<0.72	-
MW-12B 9/25/2013	<4.5	<0.72	-
MW-12B D 9/25/2013	-	-	-
MW-15B 9/26/2013	<4.5	<0.72	-
MW-16B 9/26/2013	<4.5	<0.72	-
MW-17B 9/25/2013	<4.5	<0.72	-
Other, Water Supply			
Supply Well 9/26/2013	<4.5	<0.72	7.6

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
HISTORICAL DATA

PARAMETER	METHYLETHYL KETONE	TOLUENE	TOTAL VOCs
STANDARD UNITS			
QA/QC			
EQUBLK	9/26/2013	<4.5	<0.72
			-
EQUBLK1	8/5/2013	11	<0.72
			18.4
EQUBLK2	8/5/2013	8.9	<0.72
			18.2
TRIP1	9/25/2013	<4.5	<0.72
			-
TRIP2	9/26/2013	<4.5	<0.72
			-
TRIP3	9/26/2013	<4.5	<0.72
			-

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

Attachment 4

Field Forms

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-12A		WACS_WELL: 19582	DATE: 09 / 25 / 13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: <u>PE</u>			FIELD FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (replaced)							DUPLICATE: Y ☐ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-12A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-12A	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈	
MW-12A	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈	
MW-12A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈	
MW-12A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: <i>Historical information shows this well can not be sampled when the water level is below 47.43F</i> <i>Dry well</i>										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

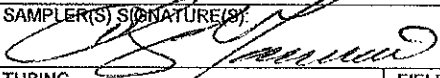
Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-8	WACS_WELL: 19578		DATE: 08/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (replaced) ☐							DUPLICATE: Y ☐ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-8	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-8	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈	
MW-8	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈	
MW-8	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈	
MW-8	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: Hi's vertical information shows this well cannot be sampled when the water level is below 28.99 feet. Dry Well										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

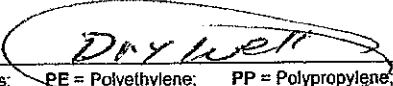
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-9		WACS_WELL: 19579	DATE: 09/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: _____		SAMPLING ENDED AT: _____	
PUMP OR TUBING DEPTH IN WELL (feet): _____				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☐ N (replaced) ☒							DUPLICATE: Y ☐ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-9	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-9	1	PE	250 mL	HNO ₃	None		Metals		Stainless ESP	≈
MW-9	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		Stainless ESP	≈
MW-9	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈
MW-9	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS:				Historical information shows this well can not be sampled when the water level is below 29.37  Dry Well						
MATERIAL CODES:				AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)						
SAMPLING EQUIPMENT CODES:				APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)						

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-10		WACS_WELL: 19580	DATE: 09/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-10	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈
MW-10	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈
MW-10	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈
MW-10	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
REMARKS: <i>Historical information shows this well can not be sampled when the water level is below 37.24</i>									
<i>Dry Well</i>									

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2);
 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-17B		WACS_WELL:	
		DATE: 09 / 25 / 13	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1229		SAMPLING ENDED AT: 1234	
PUMP OR TUBING DEPTH IN WELL (feet): 16.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-17B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-17B	1	PE	250 mL	HNO ₃	None	✓	Metals	Stainless ESP	≈ 1135	
MW-17B	1	PE	250 mL	H ₂ SO ₄	None	✓	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-17B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-17B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: DRP = +136.6 slowed pump to sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-10B	1	PE	250 mL	HNO ₃	None	6.2	Metals	Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	H ₂ SO ₄	None	6.2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-10B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: ORP = -14.9

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 9):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

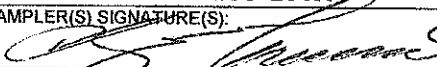
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-11		WACS_WELL: 19581	DATE: 09/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.							1426		1432	
PUMP OR TUBING DEPTH IN WELL (feet): 34.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☐ N ☒		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ N (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-11	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-11	1	PE	250 mL	HNO ₃	None	LL	Metals	Stainless ESP	≈ 492	
MW-11	1	PE	250 mL	H ₂ SO ₄	None	LL	Ammonia (350.1)	Stainless ESP	≈ 492	
MW-11	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 492	
MW-11	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: OR P = -76.2										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

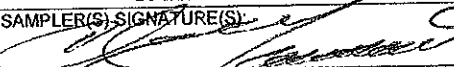
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-11B		WACS_WELL: 22593	DATE: 09/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1456		SAMPLING ENDED AT: 1501		
PUMP OR TUBING DEPTH IN WELL (feet): 35.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP ☒ N				TUBING Y ☒ (replaced)			DUPLICATE: Y ☒ N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-11B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-11B	1	PE	250 mL	HNO ₃	None	< 2	Metals		Stainless ESP		≈ 1135
MW-11B	1	PE	250 mL	H ₂ SO ₄	None	< 2	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-11B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-11B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: ORP = +165.7 Slowed pump to sample											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-12B		WACS_WELL: 19583	DATE: 09/25/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1553		SAMPLING ENDED AT: 1603	
PUMP OR TUBING DEPTH IN WELL (feet): 51.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N				TUBING Y ☒ N (replaced)			DUPLICATE: ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-12B	816	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-12B	12	PE	250 mL	HNO ₃	None	12 12	Metals	Stainless ESP	≈ 1135	
MW-12B	12	PE	250 mL	H ₂ SO ₄	None	12 12	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-12B	12	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-12B	24	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
	12		1125/13							

REMARKS: *ORP: +117.0* *Slowed pump to sample*

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
 PFD = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:**
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1624		SAMPLING ENDED AT: 1629		
PUMP OR TUBING DEPTH IN WELL (feet): 39.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (replaced) ☐							DUPLICATE: Y ☐ N ☒				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-9B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-9B	1	PE	250 mL	HNO ₃	None	6.2	Metals		Stainless ESP		≈ 1135
MW-9B	1	PE	250 mL	H ₂ SO ₄	None	6.2	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-9B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-9B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: ORP = +94.7 Slowed pump to sample											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FIG 22-12), SECTION 2:
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill

SITE
LOCATION: Pasco County, Florida

WELL NO: MW-1A

WACS WELL: 19567

DATE: 09 / 25 / 13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): DRY	FORGE PUMP TYPE OR BAILER: Stainless ESP
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DIAMETER (inches): 2	DIAMETER (inches): 3/5	DEPTH, ONK feet to ONK feet	TO WATER (ft)
$\text{WELL VOLUME} = (\text{TOTAL WELL DEPTH} - \text{STATIC DEPTH TO WATER}) \times \text{WELL CAPACITY}$			

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH) X (WELL DIAMETER) X (PI) X (WELL LENGTH) X (WELL DIAMETER)² / 4 X 144
(only fill out if applicable) = 1 x 67.05 feet = 67.05 feet X .16 gallons/foot = 10.73 gallons

$$= (67.05 \text{ feet} - \text{feet}) \times .10 \text{ gallons/foot}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (FOOTING CAPACITY X
(only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons

	gallons	gallons	
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
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WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: _____	SAMPLING ENDED AT: _____
PUMP OR TUBING SERIAL NO. WELL ID#	TUBING MATERIAL CODE: PE	FIELD FILTERED: Y ☒ N ☐ Filtration Equipment Type: _____	FILTER SIZE: _____ µm

DEPTH IN WELL (feet):		WATER SAMPLE		DUPLICATE: Y N	
FIELD DECONTAMINATION:	PUMP Y N	TUBING Y	N (replaced)		

[illegible]

REMARKS: Dry well

MATERIAL CODES:	AG = Amber Glass;	CG = Clear Glass;	PE = Polyethylene;	PP = Polypropylene;	S = Silicone;	T = Teflon;	O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump;	B = Bailor;	BP = Bladder Pump;	ESP = Electric Submersible Pump;			
	RFPP = Reverse Flow Peristaltic Pump;	SM = Straw Method (Tubing Gravity Drain);	O = Other (Specify)				

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2
optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24

SITE
NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill

SITE
LOCATION: Pasco County, Florida

DATE: 09/26/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	TO WATER (feet): 50.00	OR BAILER: Stainless ESP
------------------------------	-----------------------------------	---	------------------------	--------------------------

DIAMETER (inches): 2	DIAMETER (inches): .375	DEPTH: 0.00 feet to 0.00 feet	WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY	
(only fill out if applicable)		feet - 50.88	feet X .16	gallons/foot = 4.24 gallons

(only fill out if applicable)

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

(only fill out if applicable)

gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT: 1002		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):	
						DISSOLVED			

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		SAMPLER(S) SIGNATURE(S): 		SAMPLING INITIATED AT: / /		SAMPLING ENDED AT: / /	
		FIELD FILTERED: Y ☒ N ☒				FILTER SIZE: _____ µm	

PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE: <u>PE</u>		FIELD FILTERED: ☒ Filtration Equipment Type:	
DUPLICATE:	Y	N	TUBING	Y	N (replaced)

DEPTH IN WELL (feet):		PUMP		☒ Y	☐ N	TUBING	Y	☒ N (replaced)	DUPLICATE:			Y	☒ N
FIELD DECONTAMINATION:									INTENDED	SAMPLING	SAMPLE PUM		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
BW-1A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
BW-1A	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	$\approx$
BW-1A	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	$\approx$
BW-1A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	$\approx$
BW-1A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Severe well draw at lowest admissible flow rate forced us to end purge at 1 gallon to reset pump with more tubing. It's installed enough tubing to advance to total depth if needed. Restart purge @ 1019.10 - 1.5% pm (est) @ 3 gallons water is yellow and 4000 NTU. 1120 Abandoned purge due to draw NTU

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

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 9):**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-1B		WACS_WELL: 19568	DATE: 09 / 25 / 13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1143		SAMPLING ENDED AT: 1147		
PUMP OR TUBING DEPTH IN WELL (feet): 103.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ N (replaced)							DUPLICATE: Y ☒ N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-1B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-1B	1	PE	250 mL	HNO ₃	None	22	Metals		Stainless ESP		≈ 1135
MW-1B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-1B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-1B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: ORP = 701.1 Slowed pump to sample											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: BW-1B		WACS_WELL:	DATE: 09 / 26 / 13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
BW-1B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
BW-1B	1	PE	250 mL	HNO ₃	None	2	Metals	Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	H ₂ SO ₄	None	2	Ammonia (350.1)	Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
BW-1B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
REMARKS: <i>orp = +106.8</i> <i>stowed pump to sample</i>									

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2200-2):
 pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2);
 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

SITE
NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill

SITE
LOCATION: Pasco County, Florida

DATE: 09/24/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 36.40	PURGE PUMP TYPE OR BAILER: Stainless ESP
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DIAMETER (inches): 2		DIAMETER (inches): 1.575		DEPTH (feet): 10	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY					
(only fill out if applicable):		= 1	57.00	feet -	36.40
				feet) X	.16
					gallons/foot = 3.24
					gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	37.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	37.50	PURGING INITIATED AT:	1218	PURGING ENDED AT:	1233	TOTAL VOLUME PURGED (gallons):	6.00
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.76" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
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PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-8B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-8B	1	PE	250 mL	HNO ₃	None	2	Metals	Stainless ESP	≈ 1135
MW-8B	1	PE	250 mL	H ₂ SO ₄	None	2	Ammonia (350.1)	Stainless ESP	≈ 135
MW-8B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-8B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: ORP = -100.4 slowed pump to sample

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-1)
optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-6B		WACS_WELL:	DATE: 09/26/13

2/13 PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1531		SAMPLING ENDED AT: 1537	
PUMP OR TUBING DEPTH IN WELL (feet): 18.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N				TUBING Y ☒ N (replaced)			DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-6B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-6B	1	PE	250 mL	HNO ₃	None	12	Metals	Stainless ESP	≈ 605	
MW-6B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)	Stainless ESP	≈ 605	
MW-6B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 605	
MW-6B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: ORP = +333				tiny bubbles observed in turbidity cuvette						
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

GROUNDWATER SAMPLING LOG

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-6	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	RFPP Stainless ESP	≈ 100
MW-6	1	PE	250 mL	HNO ₃	None	22	Metals	RFPP Stainless ESP	≈ 284
MW-6	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	RFPP Stainless ESP	≈ 284
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	RFPP Stainless ESP	≈ 284
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011	RFPP Stainless ESP	≈ 100

REMARKS: DRP = +537.4 DTW @ Sample end = 19.38

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE TABLE FS 2200-2):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-7A	1	PE	250 mL	HNO ₃	None	22	Metals	Stainless ESP	≈ 492
MW-7A	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	Stainless ESP	≈ 492
MW-7A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 492
MW-7A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: ORP = +109.9 DTW = 36.15 @ sample end

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-100, F.A.S.
 2. READING MUST BE DONE AT LEAST THREE CONSECUTIVE READINGS (SEE ES 2212, SECTION 3)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE 1.0.2.2.12, SECTION 1.0.2.2.13)
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill

SITE
LOCATION: Pasco County, Florida

DATE: 09/24/13

WELL NO: MW-16B

WACS_WELL:

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	TO WATER (feet): 66.12	OR BAILER: Stainless ESP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
$= (103.40 \text{ feet} - 66.12 \text{ feet}) \times .16 \text{ gallons/foot} = 5.96 \text{ gallons}$				
TUBING LENGTH + FLOW CELL VOLUME				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FEET OF TUBING IN EQUIPMENT

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 67.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 67.00	PURGING INITIATED AT: 1706	PURGING ENDED AT: 1724	TOTAL VOLUME PURGED (gallons): 4.00
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Penstatic Pump; S = Sucker Rod Pump

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1724	SAMPLING ENDED AT: 1729
PUMP OR TUBING DEPTH IN WELL (feet): 67.00			

DEPTH IN WELL (feet):		PUMP		☒ Y	☐ N	TUBING	☒ Y	☒ N (replaced)	DUPLICATE:			☒ Y	☒ N
FIELD DECONTAMINATION:		PUMP		☒ Y	☐ N	TUBING	☒ Y	☒ N (replaced)	INTENDED	SAMPLING	SAMPLE PUMP		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	CONTAINER EQUIPMENT CODE	FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
				HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-16B	3	CG	40 mL	HNO ₃	None	LZ	Metals	Stainless ESP	≈ 1135
MW-16B	1	PE	250 mL	H ₂ SO ₄	None	LZ	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-16B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-16B	1	PE	250 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
MW-16B	2	CG	40 mL						

REMARKS: ORP = +98.6 Slowed pump to sample

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = bladder Pump; L = Low Flow Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-100, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2);
optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: SUPPLY WELL (SW)		WACS_WELL: 21326	DATE: 09/24/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
SW	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	In Place Plumbing	≈ 100
SW	1	PE	250 mL	HNO ₃	None	✓	Metals	In Place Plumbing	≈ 1135
SW	1	PE	250 mL	H ₂ SO ₄	None	✓	Ammonia (350.1)	In Place Plumbing	≈ 1135
SW	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	In Place Plumbing	≈ 1135
SW	2	CG	40 mL	4° C	None	Not Req'd	8011	In Place Plumbing	≈ 100

REMARKS: ORP = +39.8 Slowed pump to sample

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-15B		WACS_WELL:	DATE: 09/26/13

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 75.96	PURGE PUMP TYPE OR BAILER: Stainless ESP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (103.40 feet - 75.96 feet) X .16 gallons/foot = 4.39 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 77.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 77.00	PURGING INITIATED AT: 1747	PURGING ENDED AT: 1802	TOTAL VOLUME PURGED (gallons): 7.50

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1802		SAMPLING ENDED AT: 1807	
PUMP OR TUBING DEPTH IN WELL (feet): 77.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (replaced)							DUPLICATE: Y ☐ N ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-15B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-15B	1	PE	250 mL	HNO ₃	None	62	Metals	Stainless ESP	≈ 1135	
MW-15B	1	PE	250 mL	H ₂ SO ₄	None	62	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-15B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-15B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	

REMARKS: CRP = +118.3 Slowed pump to sample

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form ID 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-7BR		WACS_WELL: 22592	DATE: 09/26/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7BR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-7BR	1	PE	250 mL	HNO ₃	None	12	Metals	Stainless ESP	≈ 1135
MW-7BR	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-7BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-7BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: ORP = +104.5 Slowed pump to sample

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA** FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (see Table FS 2200-2):
pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2);
 optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

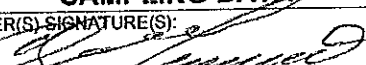
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-5B		WACS_WELL: 19574	DATE: 09/27/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 		SAMPLING INITIATED AT: 1023	SAMPLING ENDED AT: 1029		
PUMP OR TUBING DEPTH IN WELL (feet): 14.50				TUBING MATERIAL CODE: PE		FIELD-FILTERED: Y ☒ N	FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ N (replaced)				DUPLICATE: Y ☒ N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-5B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	RFPP	≈ 100
MW-5B	1	PE	250 mL	HNO ₃	None	12	Metals	PP	≈ 681
MW-5B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)	PP	≈ 681
MW-5B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 681
MW-5B	2	CG	40 mL	4° C	None	Not Req'd	8011	RFPP	≈ 100
REMARKS: ORP = +103.0									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE TABLE FS 2200-2):
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

WACS WELL: 19573

PURGING DATA

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 0.875" = 0.025; 1.125" = 0.045; 1.375" = 0.075; 1.625" = 0.11; 1.875" = 0.15; 2.125" = 0.20; 2.375" = 0.26; 2.625" = 0.33; 2.875" = 0.41; 3.125" = 0.50; 3.375" = 0.60; 3.625" = 0.71; 3.875" = 0.83; 4.125" = 0.96; 4.375" = 1.10; 4.625" = 1.25; 4.875" = 1.41; 5.125" = 1.58; 5.375" = 1.76; 5.625" = 1.95; 5.875" = 2.15; 6.125" = 2.36; 6.375" = 2.58; 6.625" = 2.81; 6.875" = 3.05; 7.125" = 3.30; 7.375" = 3.56; 7.625" = 3.83; 7.875" = 4.11; 8.125" = 4.40; 8.375" = 4.70; 8.625" = 5.01; 8.875" = 5.33; 9.125" = 5.66; 9.375" = 6.00; 9.625" = 6.35; 9.875" = 6.71; 10.125" = 7.08; 10.375" = 7.46; 10.625" = 7.85; 10.875" = 8.25; 11.125" = 8.66; 11.375" = 9.08; 11.625" = 9.51; 11.875" = 9.95; 12.125" = 10.40; 12.375" = 10.86; 12.625" = 11.33; 12.875" = 11.81; 13.125" = 12.30; 13.375" = 12.80; 13.625" = 13.31; 13.875" = 13.83; 14.125" = 14.36; 14.375" = 14.90; 14.625" = 15.45; 14.875" = 16.01; 15.125" = 16.58; 15.375" = 17.16; 15.625" = 17.75; 15.875" = 18.35; 16.125" = 18.96; 16.375" = 19.58; 16.625" = 20.21; 16.875" = 20.85; 17.125" = 21.50; 17.375" = 22.16; 17.625" = 22.83; 17.875" = 23.51; 18.125" = 24.20; 18.375" = 24.90; 18.625" = 25.61; 18.875" = 26.33; 19.125" = 27.06; 19.375" = 27.80; 19.625" = 28.55; 19.875" = 29.31; 20.125" = 30.08; 20.375" = 30.86; 20.625" = 31.65; 20.875" = 32.45; 21.125" = 33.26; 21.375" = 34.08; 21.625" = 34.91; 21.875" = 35.75; 22.125" = 36.60; 22.375" = 37.46; 22.625" = 38.33; 22.875" = 39.21; 23.125" = 40.10; 23.375" = 41.00; 23.625" = 41.91; 23.875" = 42.83; 24.125" = 43.76; 24.375" = 44.70; 24.625" = 45.65; 24.875" = 46.61; 25.125" = 47.58; 25.375" = 48.56; 25.625" = 49.55; 25.875" = 50.55; 26.125" = 51.56; 26.375" = 52.58; 26.625" = 53.61; 26.875" = 54.65; 27.125" = 55.70; 27.375" = 56.76; 27.625" = 57.83; 27.875" = 58.91; 28.125" = 60.00; 28.375" = 61.10; 28.625" = 62.21; 28.875" = 63.33; 29.125" = 64.46; 29.375" = 65.60; 29.625" = 66.75; 29.875" = 67.91; 30.125" = 69.08; 30.375" = 70.26; 30.625" = 71.45; 30.875" = 72.65; 31.125" = 73.86; 31.375" = 75.08; 31.625" = 76.31; 31.875" = 77.55; 32.125" = 78.80; 32.375" = 80.06; 32.625" = 81.33; 32.875" = 82.61; 33.125" = 83.90; 33.375" = 85.20; 33.625" = 86.51; 33.875" = 87.83; 34.125" = 89.16; 34.375" = 90.50; 34.625" = 91.85; 34.875" = 93.21; 35.125" = 94.58; 35.375" = 95.96; 35.625" = 97.35; 35.875" = 98.75; 36.125" = 100.16; 36.375" = 101.58; 36.625" = 103.01; 36.875" = 104.45; 37.125" = 105.90; 37.375" = 107.36; 37.625" = 108.83; 37.875" = 110.31; 38.125" = 111.80; 38.375" = 113.30; 38.625" = 114.81; 38.875" = 116.33; 39.125" = 117.86; 39.375" = 119.40; 39.625" = 120.95; 39.875" = 122.51; 40.125" = 124.08; 40.375" = 125.66; 40.625" = 127.25; 40.875" = 128.85; 41.125" = 130.46; 41.375" = 132.08; 41.625" = 133.71; 41.875" = 135.35; 42.125" = 137.00; 42.375" = 138.66; 42.625" = 140.33; 42.875" = 142.01; 43.125" = 143.70; 43.375" = 145.40; 43.625" = 147.11; 43.875" = 148.83; 44.125" = 150.56; 44.375" = 152.30; 44.625" = 154.05; 44.875" = 155.81; 45.125" = 157.58; 45.375" = 159.36; 45.625" = 161.15; 45.875" = 162.95; 46.125" = 164.76; 46.375" = 166.58; 46.625" = 168.41; 46.875" = 170.25; 47.125" = 172.10; 47.375" = 173.96; 47.625" = 175.83; 47.875" = 177.71; 48.125" = 179.60; 48.375" = 181.50; 48.625" = 183.41; 48.875" = 185.33; 49.125" = 187.26; 49.375" = 189.20; 49.625" = 191.15; 49.875" = 193.11; 50.125" = 195.08; 50.375" = 197.06; 50.625" = 199.05; 50.875" = 201.05; 51.125" = 203.06; 51.375" = 205.08; 51.625" = 207.11; 51.875" = 209.15; 52.125" = 211.20; 52.375" = 213.26; 52.625" = 215.33; 52.875" = 217.41; 53.125" = 219.50; 53.375" = 221.60; 53.625" = 223.71; 53.875" = 225.83; 54.125" = 227.96; 54.375" = 230.10; 54.625" = 232.25; 54.875" = 234.41; 55.125" = 236.58; 55.375" = 238.76; 55.625" = 240.95; 55.875" = 243.15; 56.125" = 245.36; 56.375" = 247.58; 56.625" = 249.81; 56.875" = 252.05; 57.125" = 254.30; 57.375" = 256.56; 57.625" = 258.83; 57.875" = 261.11; 58.125" = 263.40; 58.375" = 265.70; 58.625" = 268.01; 58.875" = 270.33; 59.125" = 272.66; 59.375" = 275.00; 59.625" = 277.35; 59.875" = 279.71; 60.125" = 282.08; 60.375" = 284.46; 60.625" = 286.85; 60.875" = 289.25; 61.125" = 291.66; 61.375" = 294.08; 61.625" = 296.51; 61.875" = 298.95; 62.125" = 301.40; 62.375" = 303.86; 62.

SAMPLING DATA

REMARKS: ORP = +259.5

NOTES: 1. The above do not constitute all of the information required by Chapter 62-100, Florida Statutes.

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table 1) or ± 2.0 mg/L; optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-4		WACS_WELL: 19572	DATE: 09 / 27 / 13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-4	1	PE	250 mL	HNO ₃	None	12	Metals	Stainless ESP	≈ 378
MW-4	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)	Stainless ESP	≈ 378
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 378
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: ORP = +169.8

23.15 = DTW @ sample end

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE TABLE FS 2200-2):**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-4B		WACS_WELL: 21965	DATE: 09/27/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.							1151		1156	
PUMP OR TUBING DEPTH IN WELL (feet): 30.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (replaced)							DUPLICATE: Y ☒ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-4B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-4B	1	PE	250 mL	HNO ₃	None	22	Metals	Stainless ESP	≈ 1135	
MW-4B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-4B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-4B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: ORP = +117.0										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-3B		WACS_WELL: 21964	DATE: 09/27/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1250		SAMPLING ENDED AT: 1256	
PUMP OR TUBING DEPTH IN WELL (feet): 13.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y ☒ N TUBING Y ☒ N (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-3B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	RFPP	≈ 100	
MW-3B	1	PE	250 mL	HNO ₃	None	< 2	Metals	PP	≈ 644	
MW-3B	1	PE	250 mL	H ₂ SO ₄	None	< 2	Ammonia (350.1)	PP	≈ 644	
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 644	
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011	RFPP	≈ 100	
REMARKS: ORP = 44.0										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-3		WACS_WELL: 19571	DATE: 09/27/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-3	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP PE Stainless ESP	≈ 100
MW-3	1	PE	250 mL	HNO ₃	None	12	Metals	PP Stainless ESP	≈ 114
MW-3	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)	PP PE Stainless ESP	≈ 114
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP PE Stainless ESP	≈ 114
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011	PP PE Stainless ESP	≈ 100
REMARKS: DRP = +120.0									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

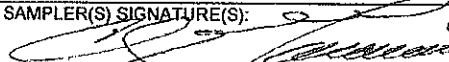
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: EP-1		WACS_WELL:	DATE: 09/26/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1349		SAMPLING ENDED AT: 1355	
PUMP OR TUBING DEPTH IN WELL (feet): 13.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ N (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
EP-1	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP	≈ 100	
EP-1	1	PE	250 mL	HNO ₃	None	2	Metals	PP	≈ 833	
EP-1	1	PE	250 mL	H ₂ SO ₄	None	2	Ammonia (350.1)	PP	≈ 833	
EP-1	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 833	
EP-1	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100	
REMARKS: ORP = +250.9										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

Revision Date: February 12, 2009



CALIBRATION LOG

ITS Work Order Number:

ARM-EL-16-092713

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

Site: Enterprise Class III Landfill

START CAL DATE @ TIME: 09/27/13 @ 0800

END CALIBRATION DATE @ TIME: 09/27/13 @ 1700

Page 3 of 3

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 5.22

pH Sensor Per DEP-SOP-001/01 FT 1100					Temperature Sensor Per DEP-SOP-001/01 FT 1400					
Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE	STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	INITIAL	CCV					LOW	HIGH		
4.005	4.00	3.99	✓	cc163104	Aug-13	LOW	4.90	4.93	NA	04/10/13
7.000	7.00	7.02	7.00	cc148108	Oct-13	HIGH	30.50	30.54		04/10/13
10.012	10.00	10.00	✓	cc163104	Aug-14					
Standards are prepared by OAKTON. Liquid Temp: N/A					Thermometer is N.I.S.T. certified and manufactured by ERTCO, S/N 2206. Temp is in °C unless otherwise noted. YSI is checked against ERTCO once per Quarter					
Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500					Conductivity Sensor Per DEP-SOP-001/01 FT 1200					
STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE	STANDARD "mhos	METER READING		LOT NUMBER	EXPIRATION DATE	
	INITIAL	CCV				INITIAL	CCV			
0.00	1.8	1.8	2AH331	Aug-13	8,974	NM	NM	2AF201	Jun-13	
fresh air @					2,764	2764	2776	2AF515	Jun-13	
24.77 °C	8.30				447	NM	NM	NA	NA	
29.29 °C		7.65			84	84	84	2AG014	Jul-13	
Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.					Standards prepared by Oakton. All standards are potassium chloride solutions.					
ORP Sensor Per DEP-SOP-001/01 FT 2100					HACH POCKET COLORIMETER II S/N 06070D052733					
STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE	STANDARD ID	BLANK	1	2	3	
	INITIAL	CCV								
200	200	201	3AB760	Apr-13	MFGR VALUE mg/L	0.00	.21	0.90	1.61	
400	400	399	2AK075	Nov-13	VERIFIED VALUE mg/L	0.00	0.23	0.95	1.62	
Standard is ORP solution +/- 5% @ 25° C, prepared by USA Blue Book					CCV METER mg/L	NM	NM	NM	NM	
HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19067 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)					Standard is HACH DPD Chlorine LR secondary Gel Standard. Lot A5318 Verified 6/18/12					
STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE	Remarks: Partly Cloudy					
	INITIAL	CCV			Weather Conditions: 80-85°F					
1000	NM	NM	See Below	Nov-14	Equipment Blank with D.I. water					
100	100	100	See Below	Nov-14	Zephyrhills brand Lot #061913170WF2330747BB					
10	10	10	See Below	Nov-14	Exp Date 12/31/14					
0.02	.02	.02	See Below	Nov-14	Equipment Blank Data - Collected @ none collected					
Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 21155					pH = / Cond = /					
					Temp = / D.O. = /					
					Turbidity = /					

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.22 on 04/15/13: Update ORP Cal Solutions

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COPY TO: John Arnold, P.E.

SIGNED:

Chris Monaco or Karen LeBeau



CALIBRATION LOG

ITS Work Order Number:

ARM-EL-16-092613

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

START CAL DATE @ TIME: 09/26/13 @ 0700

Site: Enterprise Class III Landfill

END CALIBRATION DATE @ TIME: 09/26/13 @ 2130

Page 2 of 3

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 5.22

pH Sensor Per DEP-SOP-001/01 FT 1100						Temperature Sensor Per DEP-SOP-001/01 FT 1400				
Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE	STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	INITIAL	CCV					LOW	HIGH		
4.005	4.00	3.98	✓	cc163104	Aug-13					
7.000	7.00	7.01	7.00	cc148108	Oct-13	LOW 4.90	4.93		NA	04/10/13
10.012	10.00	9.98	✓	cc163104	Aug-14	HIGH 30.50		30.54		04/10/13
Standards are prepared by OAKTON. Liquid Temp: N/A						Thermometer is N.I.S.T. certified and manufactured by ERTCO, S/N 2206. Temp is in °C unless otherwise noted. YSI is checked against ERTCO once per Quarter				
Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500						Conductivity Sensor Per DEP-SOP-001/01 FT 1200				
STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE	STANDARD "mhos	METER READING		LOT NUMBER	EXPIRATION DATE	
	INITIAL	CCV				INITIAL	CCV			
0.00	.19	.18	2AH331	Aug-13						
fresh air @					8,974	NM	NM	2AF201	Jun-13	
24.11 °C	8.40				2,764	2,764	2,774	2AF515	Jun-13	
29.01 °C		7.69			447	NM	NM	NA	NA	
					84	84	84	2AG014	Jul-13	
Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.						Standards prepared by Oakton. All standards are potassium chloride solutions.				
ORP Sensor Per DEP-SOP-001/01 FT 2100						HACH POCKET COLORIMETER II S/N 06070D052733				
STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE	STANDARD ID	BLANK	1	2	3	
	INITIAL	CCV								
200	200	201	3AB760	Apr-13	MFGR VALUE mg/L	0.00	.21	0.90	1.61	
400	400	400	2AK075	Nov-13	VERIFIED VALUE mg/L	0.00	0.23	0.95	1.62	
Standard is ORP solution +/- 5% @ 25° C, prepared by USA Blue Book						CCV METER mg/L	NM	NM	NM	NM
HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)						Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 6/18/12				
STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE	Remarks: light rain at times in AM					
	INITIAL	CCV			Weather Conditions: 80-85°F Cloudy					
1000	NM	NM	See Below	Nov-14	Equipment Blank with D.I. water					
100	100	100	See Below	Nov-14	Zephyrhills brand Lot #061913170WF2330747BB					
10	10	10	See Below	Nov-14	Exp Date 12/31/14					
0.02	.02	.02	See Below	Nov-14	Equipment Blank Data - Collected @ 0950 SSEST					
Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 21155						pH = ✓	Cond = ✓			
						Temp = ✓	D.O. = ✓			
						Turbidity = ✓				

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.22 on 04/15/13: Update ORP Cal Solutions

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COPY TO: John Arnold, P.E.

SIGNED:

Karen Le Beau
Chris Monaco or Karen Le Beau



CALIBRATION LOG

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
START CAL DATE @ TIME: 09/25/13 @ 0700

ITS Work Order Number: ARM-EL-16-092513

Site: Enterprise Class III Landfill

END CALIBRATION DATE @ TIME: 09/25/13 @ 1900

Page 1 of 3

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 5.22

pH Sensor Per DEP-SOP-001/01 FT 1100						Temperature Sensor Per DEP-SOP-001/01 FT 1400			
Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE	STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER
	INITIAL	CCV					LOW	HIGH	
4.005	4.00	3.99	✓	cc163104	Aug-13				
7.000	7.00	7.02	7.00	cc148108	Oct-13	LOW 4.90	4.93		NA
10.012	10.00	9.98	✓	cc163104	Aug-14	HIGH 30.50		30.54	

Standards are prepared by OAKTON. Liquid Temp: N/A

Thermometer is N.I.S.T. certified and manufactured by ERTCO, S/N 2206. Temp is in °C unless otherwise noted. YSI is checked against ERTCO once per Quarter

Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500				
STANDARD (ppm)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.18	.18	2AH331	Aug-13
fresh air @				
24.40 °C	8.35			
28.63 °C		7.74		

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.

Conductivity Sensor Per DEP-SOP-001/01 FT 1200				
STANDARD μmhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	2AF201	Jun-13
2,764	2,764	2,773	2AF515	Jun-13
447	NM	NM	NA	NA
84	84	84	2AG014	Jul-13

Standards prepared by Oakton. All standards are potassium chloride solutions.

ORP Sensor Per DEP-SOP-001/01 FT 2100				
STANDARD (mV)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
200	200	200	3AB760	Apr-13
400	400	399	2AK075	Nov-13

Standard is ORP solution +/- 5% @ 25° C, prepared by USA Blue Book

HACH POCKET COLORIMETER II S/N 06070D052733				
STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.23	0.95	1.62
CCV METER mg/L	NM	NM	NM	NM

Standard is HACH DPD Chlorine LR secondary GEL Standard, Lot A5318 Verified 6/18/12

HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)				
STANDARD (ntu)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
1000	NM	NM	See Below	Nov-14
100	100	100	See Below	Nov-14
10	10	10	See Below	Nov-14
0.02	.02	.02	See Below	Nov-14

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 21155

Remarks: light rain on and off
Weather Conditions: overcast ex-85°F
Equipment Blank with D.I. water
Zephyrhills brand Lot #061913170WF2330747BB
Exp Date 12/31/14
Equipment Blank Data - Collected @ none collected
pH = - Cond = -
Temp = - D.O. = -
Turbidity = -

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.22 on 04/15/13: Update ORP Cal Solutions

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COPY TO: John Arnold, P.E.

SIGNED:

Karen LeBeau
Chris Monaco or Karen LeBeau



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page 1 of 1

Client Name Angelo's Recycled Materials (AN010)		Project Number 87895	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARSON & SON, INC.)	
City/ST/Zip Dade City, FL 33525		PO # / Billing Info	
Tel (352) 339-1408		Reporting Contact John Arnold	
Fax		Billing Contact John Arnold	
Sampler(s) Name, Affiliation (Print) Chris Monaco Services Inc.		Site Location / Time Zone FL/EST	
Sampler(s) Signature <i>[Signature]</i>			

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)										Sample Comments
							I	H	M	N	I	I	I	I	I	I	
	MW-1B	9-25-13	1147	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-17B	9-25-13	1234	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-10B	9-25-13	1324	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-11	9-25-13	1432	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-11B	9-25-13	1501	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-12B	9-25-13	1603	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	Dup	9-25-13	1603	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	MW-9B	9-25-13	1629	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	
	trip blank 1	-	-	-	O	2	-	X	-	-	-	-	-	-	-	-	Lab DI water
	BW-1B	9-26-13	1159	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	OT-Field DI water
	Equipment Blank	9-26-13	0950	Grab	OT	8	X	X	X	X	X	X	X	X	X	X	
	MW-8B	9-26-13	1238	Grab	GW	8	X	X	X	X	X	X	X	X	X	X	

Sample Kit Prepared By <i>[Signature]</i>	Date/Time 9-19-13	Relinquished By <i>[Signature]</i>	Date/Time 9-19-13	Received By <i>[Signature]</i>	Date/Time 9-20-13 1800
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 9-26-13 1255	Received By <i>[Signature]</i>	Date/Time 9-26-13 1255
		Relinquished By <i>[Signature]</i>	Date/Time 9-26-13 1350	Received By <i>[Signature]</i>	Date/Time 9-26-13 1350
Cooler #s & Temps on Receipt			Condition Upon Receipt		
			Acceptable Unacceptable		

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)
Preservation: H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)
Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist



ENVIRONMENTAL CONSERVATION LABORATORIES

10775 Central Port Dr.
Orlando, FL 32824
(407) 828-5314 Fax (407) 850-6945

CHAIN-OF-CUSTODY RECORD

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

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Page 1 of 2

Client Name Angelo's Recycled Materials (AN010)		Project Number 87895	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARIN & SON, INC.)	
City/ST/Zip Dade City, FL 33525		PO # / Billing Info	
Tel (352) 339-1408		Reporting Contact John Arnold	
Fax		Billing Contact John Arnold	
Sampler(s) Name, Affiliation (Print) Chris Monico Services Inc.		Site Location / Time Zone FL/EST	
Sampler(s) Signature			

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)				Sample Comments
							I	H	N	S	
	MW-6B	9-26-13	1537	Grab	GW	8	X	X	X	X	
	MW-6	9-26-13	1549	Grab	GW	8	X	X	X	X	
	MW-7A	9-26-13	1639	Grab	GW	8	X	X	X	X	
	MW-16B	9-26-13	1729	Grab	GW	8	X	X	X	X	
	MW-15B	9-26-13	1807	Grab	GW	8	X	X	X	X	
	MW-7BR	9-26-13	1841	Grab	GW	8	X	X	X	X	
	Supply Well	9-26-13	1920	Grab	GW	8	X	X	X	X	
	trip blank 2	-	-	-	0	2		X			0-16 DI water
	MW-5B	9-27-13	1029	Grab	GW	8	X	X	X	X	
	MW-5A	9-27-13	1052	Grab	GW	8	X	X	X	X	
	MW-4	9-27-13	1128	Grab	GW	8	X	X	X	X	
	MW-4B	9-27-13	1156	Grab	GW	8	X	X	X	X	

Sample Kit Prepared By JB	Date/Time 9-19-13	Relinquished By Jennifer Barks	Date/Time 9-19-13	Received By [Signature]	Date/Time 9-20-13 1800
Comments/Special Reporting Requirements		Relinquished By [Signature]	Date/Time 9-27-13 1432	Received By [Signature]	Date/Time 9-27-13 1432
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt Acceptable Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)
Preservation: HCl H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)
Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

[illegible]

		<- Total # of Containers	
Sample Kit Prepared By <i>[Signature]</i>	Date/Time 9-19-13	Relinquished By <i>[Signature]</i>	Date/Time 9-10-15
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 9-19-13
		Relinquished By <i>[Signature]</i>	Date/Time 9/27/15
		Relinquished By <i>[Signature]</i>	Date/Time
Cooler #'s & Temps on Receipt		Condition Upon Receipt	
		☐ Acceptable ☒ Unacceptable	

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

Attachment 5
ADaPT Files and Laboratory Reports including Chains-of-Custody