

**ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
FIRST SEMIANNUAL COMPLIANCE MONITORING REPORT 2013
DEP PERMIT NO. 177982-018-SO/MM, WACS No. 87895
DEP Due Date: June 4, 2013**

Prepared by:

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

May 2013

[Handwritten Signature] 5/22/13
FL RG 2467



May 15, 2013

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

RE: Compliance Monitoring Report – First Semiannual 2013
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-018-SO/MM
WACS No. 87895

Dear Mr. Morris:

This report presents data from the semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on March 19, 20, and 21, 2013.

All groundwater wells which require sampling were sampled during this event for the parameters listed in Specific Condition 4.c. of the permit with the exception of MW-1A, MW-3A, MW-4A, MW-6, MW-8, MW-9, MW-10, MW-11, and MW-12A which contained insufficient water for sampling. The supply well was sampled for parameters listed in Specific Condition 4.c. of the permit however the Temporary Pond was dry and not sampled. Quality Assurance/Quality Control samples were also collected.

Monitoring wells MW-3A, MW-4A, MW-8, MW-9, MW-10, MW-11, and MW-12A are surficial aquifer monitoring wells. Water levels within the surficial aquifer have declined in recent years and may not be laterally continuous in all areas. Each monitoring location with a dry surficial aquifer well has an existing Floridan aquifer well installed in a cluster with the exception of MW-6. A Floridan aquifer well (MW-6B) is scheduled to be installed in cluster with MW-6 as part of the pending renewal of the current permit. 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. 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 black ink, appearing to read "John Locklear", is written over a horizontal line.

John Locklear, P.G.
President

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\2013\13S1\13s1_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 (352) 339 1408
- (2) WACS Facility ID 87895
- (3) DEP Permit Number 177982-018-SO/MM
- (4) Authorized Representative's Name John P. Arnold, P.E. Title Proj. Mgr.
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.

May 14, 2013
(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
160 Government Center
Pensacola, FL 32501-5704
850-695-6390

Northeast District
7026 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7690
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3707
407-884-7555

Southwest District
13051 N. Telecom Pkwy.
Tempe Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 384
Fort Myers, FL 33902-2549
239-332-6976

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

Attachment 1
Groundwater Elevation Data and Groundwater Contour Map

GROUNDWATER ELEVATION DATA
Enterprise Class III Landfill and Recycling Facility
13S1

WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUNDWATER ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1A	173.77	NM	NM	NS	NS
MW-1B	174.11	105.29	68.82	105.29	68.82
MW-3	85.39	NM	NM	NS	NS
MW-3B	84.80	14.72	70.08	14.72	70.08
MW-4	100.59	24.65	75.94	NS	NS
MW-4B	100.87	31.76	69.11	31.76	69.11
MW-5A	86.74	15.00	71.74	15.07	71.67
MW-5B	85.70	16.76	68.94	16.84	68.86
MW-6	88.65	19.34	69.31	NS	NS
MW-7A	101.16	31.93	69.23	31.93	69.23
MW-7BR	103.27	34.23	69.04	34.23	69.04
MW-8	100.10	35.38	64.72	NS	NS
MW-8B	108.52	39.40	69.12	39.40	69.12
MW-9	108.00	29.52	78.48	NS	NS
MW-9B	109.75	40.50	69.25	40.50	69.25
MW-10	111.62	37.29	74.33	NS	NS
MW-10B	110.00	40.74	69.26	40.74	69.26
MW-11	104.45	34.97	69.48	NS	NS
MW-11B	106.11	37.10	69.01	37.10	69.01
MW-12A	121.43	52.08	69.35	NS	NS
MW-12B	121.84	52.55	69.29	52.55	69.29
MW-15B	147.87	78.81	69.06	78.81	69.06
MW-16B	138.01	68.89	69.12	68.89	69.12
MW-17B	87.21	18.07	69.14	18.07	69.14
P-4	84.55	16.30	68.25	NS	NS
P-6	94.16	33.95	60.21	NS	NS
P-8	133.94	66.44	67.50	NS	NS
P-10	132.60	63.69	68.91	NS	NS
P-11	150.76	52.01	98.75	NS	NS
SUPPLY WELL	NA	NM	NM	NS	NS

NGVD - National Geodetic Vertical Datum

NS - Not Sampled

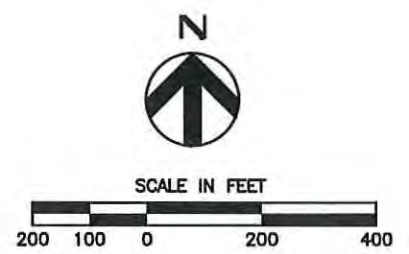
NM - Not Measured

NA - Not Available

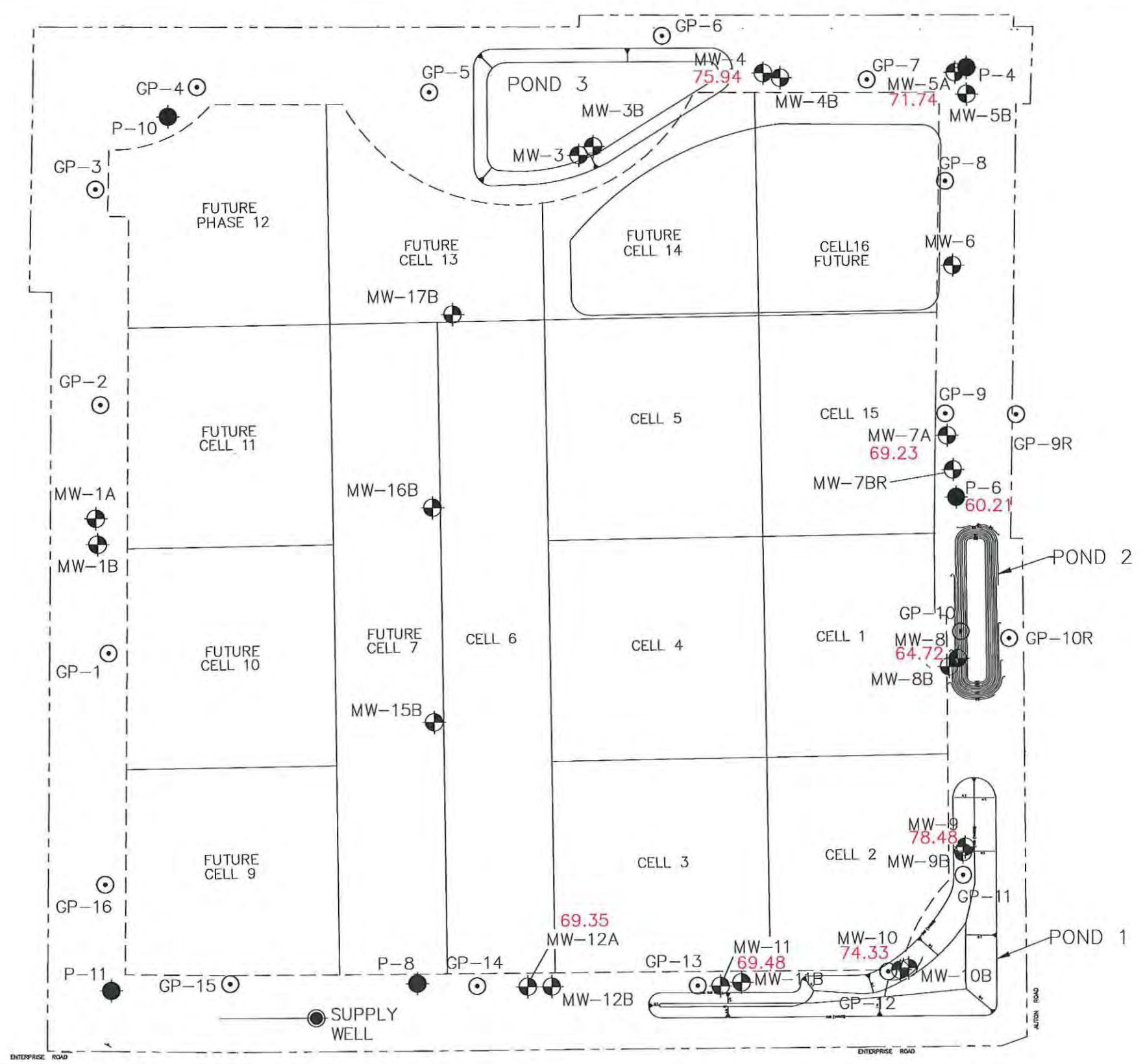
1 2 3 4 5 6 7 8

LEGEND

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



5/22/13
John
PL 2407



PROJECT MANAGER	J. LOCKLEAR
DESIGNED	L. MCDANIEL
CHECKED BY	J. LOCKLEAR
DRAWN BY	S. KARWAN
PROJECT NUMBER	114

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

SURFICIAL AQUIFER
GROUNDWATER CONTOUR MAP

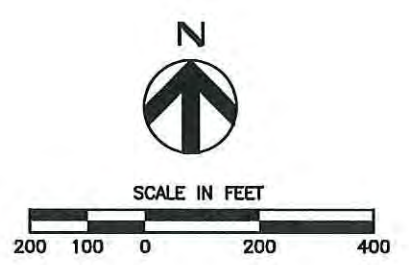
MARCH 19, 2013

FILENAME	SHEET
SCALE	

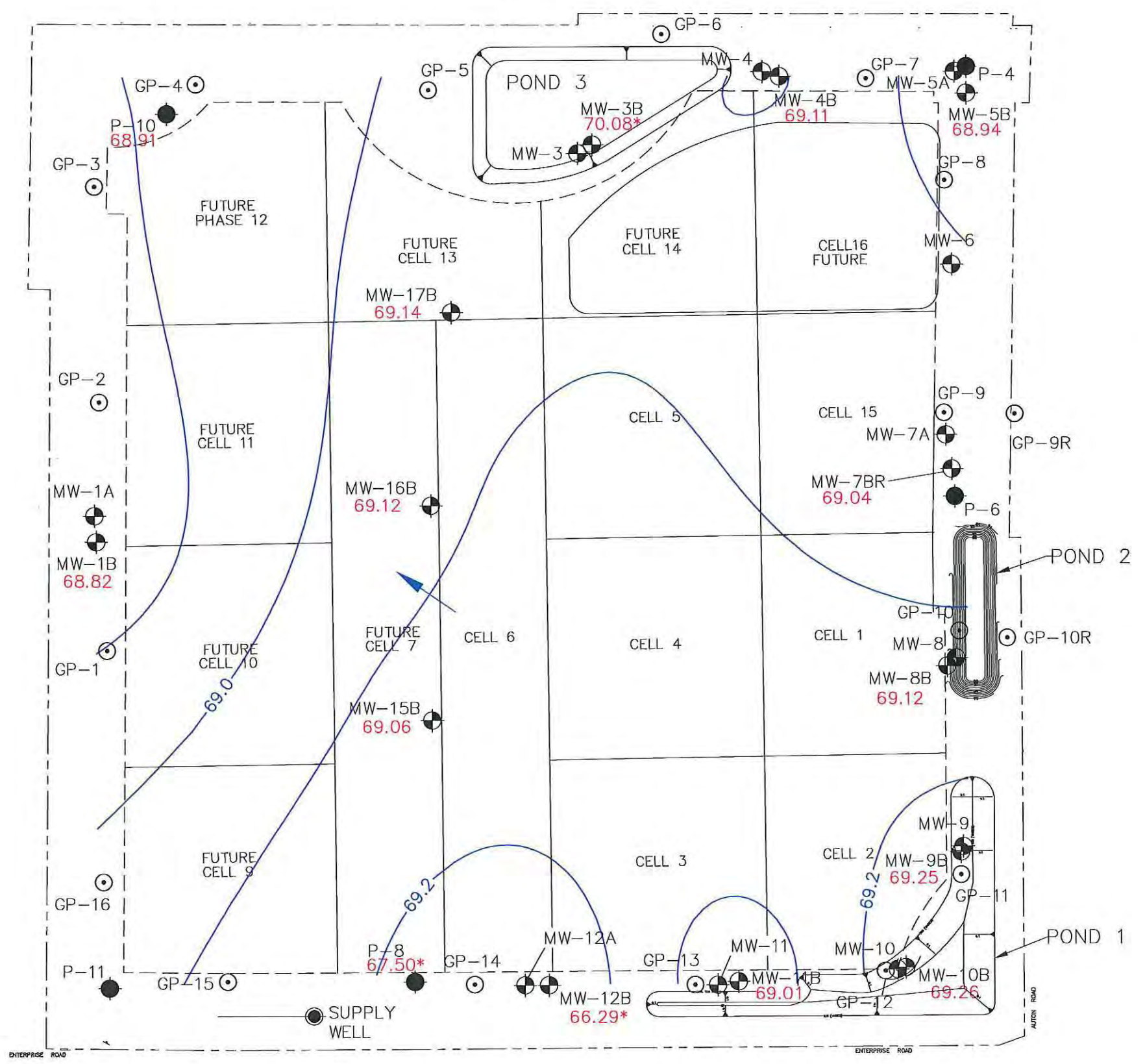
1 2 3 4 5 6 7 8

LEGEND

- MW-4B MONITORING WELL LOCATION
- 69.11 GROUNDWATER ELEVATION
- GP-1 GAS PROBE LOCATION
- SUPPLY WELL LOCATION
- P-11 PIEZOMETER WELL LOCATION
- PROPERTY BOUNDARY
- LANDFILL LIMITS
- CELL BOUNDARY
- 69.0 GROUNDWATER CONTOUR LINE (0.1' INTERVALS)
- GROUNDWATER FLOW DIRECTION
- * NOT USED IN CONTOURING



5/22/13
FL PG 2407



PROJECT MANAGER	J. LOCKLEAR
DESIGNED	L. MCDANIEL
CHECKED BY	J. LOCKLEAR
DRAWN BY	S. KARWAN
PROJECT NUMBER	114

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

**FLORIDAN AQUIFER
GROUNDWATER CONTOUR MAP**

MARCH 19, 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
FIRST SEMIANNUAL 2013

PARAMETER		ph (FIELD)	NITRATE NITROGEN	IRON
STANDARD		6.5-8.5 S.U.**	10 mg/L*	300 µg/L**
Background				
MW-1B	3/19/2013	-	11	-
Detection				
MW-3B	3/20/2013	-	-	-
MW-4B	3/20/2013	-	-	-
MW-5B	3/21/2013	-	-	-
MW-7A	3/19/2013	5.13	-	3260
MW-7BR	3/19/2013	-	-	-
MW-8B	3/19/2013	-	-	4950
MW-9B	3/19/2013	-	-	-
MW-10B	3/19/2013	-	-	-
MW-11B	3/20/2013	5.91	-	-
MW-12B	3/20/2013	6.3	-	-
MW-15B	3/19/2013	-	-	-
MW-16B	3/19/2013	8.65	-	-
MW-17B	3/20/2013	-	-	-
Other, Water Supply				
Supply Well	3/21/2013	-	-	-
QA/QC				
EQUBLK	3/19/2013	NM	-	-
TRIP1	3/19/2013	NM	NM	NM
TRIP2	3/19/2013	NM	NM	NM
TRIP3	3/20/2013	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
FIRST SEMIANNUAL 2013

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	ph (FIELD)	TEMPERATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	BARIUM	CADMIUM	CHROMIUM	COPPER
STANDARD UNITS		(1) $\mu\text{mhos/cm}$	(1) ppm	(1) NGVD FT	6.5-8.5 S.U.** S.U.	(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	2000 $\mu\text{g/L}$ * $\mu\text{g/L}$	5 $\mu\text{g/L}$ * $\mu\text{g/L}$	100 $\mu\text{g/L}$ * $\mu\text{g/L}$	1000 $\mu\text{g/L}$ ** $\mu\text{g/L}$
Background															
MW-1B	3/19/2013	461	7.03	13.21	7.45	24.72	0.900	<0.0073	35	11	280	<20.0	<1.10	<4.50	5.68 I
Detection															
MW-3B	3/20/2013	331	2.23	29.03	7.24	23.61	1.00	<0.0073	4.0 I	0.49 I	180	<20.0	<1.10	5.30 I	11.1
MW-4B	3/20/2013	241	3.13	26.74	7.45	23.80	0.200	<0.0073	4.1 I	0.56 I	120	<20.0	<1.10	<4.50	32.7
MW-5B	3/21/2013	257	4.33	30.16	7.58	22.67	0.500	<0.0073	3.2 I	1.1	150	<20.0	<1.10	<4.50	9.90 I
MW-7A	3/19/2013	160	1.50	13.87	5.13	26.01	12.7	0.23	16	0.12 I	110	<20.0	1.62 I	6.12 I	9.05 I
MW-7BR	3/19/2013	261	1.51	26.77	7.54	24.73	6.00	<0.0073	4.5 I	0.84 I	150	<20.0	1.13 I	<4.50	6.78 I
MW-8B	3/19/2013	627	0.63	17.60	6.72	26.68	0.800	1.5	7.8	<0.052	340	142	<1.10	<4.50	<2.20
MW-9B	3/19/2013	543	2.25	8.40	6.88	26.39	1.50	<0.0073	6.0	4.4	300	<20.0	<1.10	<4.50	2.21 I
MW-10B	3/19/2013	300	0.49	21.16	6.71	25.98	0.200	<0.0073	5.3	1.4	170	<20.0	<1.10	<4.50	6.16 I
MW-11B	3/20/2013	185	0.85	47.40	5.91	24.26	1.40	<0.0073	7.2	1.3	110	<20.0	<1.10	<4.50	6.76 I
MW-12B	3/20/2013	156	7.65	37.65	6.30	24.29	2.90	<0.0073	11	7.8	90	<20.0	<1.10	<4.50	<2.20
MW-15B	3/19/2013	262	5.38	24.59	7.73	24.81	0.200	<0.0073	12	5.6	160	<20.0	<1.10	<4.50	18.6
MW-16B	3/19/2013	226	7.02	34.51	8.65	24.49	0.800	<0.0073	15	6.1	140	81.4 I	<1.10	<4.50	4.17 I
MW-17B	3/20/2013	382	5.71	62.53	7.09	23.44	6.80	<0.0073	5.8	3.2	210	<20.0	<1.10	5.93 I	<2.20
Other, Water Supply															
Supply Well	3/21/2013	318	2.74	-	7.21	22.70	0.400	<0.0073	8.2	2.8	200	<20.0	<1.10	<4.50	3.08 I
QA/QC															
EQUBLK	3/19/2013	-	-	-	-	-	-	<0.0073	<0.29	<0.052	<10	<20.0	<1.10	<4.50	<2.20
TRIP1	3/19/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRIP2	3/19/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRIP3	3/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
FIRST SEMIANNUAL 2013

PARAMETER		IRON	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	CHLORO-FORM	TOLUENE
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	160 mg/L* mg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	6300 µg/L*** µg/L	70 µg/L*** µg/L	40 µg/L** µg/L
Background											
MW-1B	3/19/2013	<38.0	<1.60	<0.0230	<3.20	10.2	<2.00	<16.0	<1.8	1.7	<0.72
Detection											
MW-3B	3/20/2013	<38.0	<1.60	<0.0230	<3.20	3.99	2.37 I	19.1 I	10	<0.80	<0.72
MW-4B	3/20/2013	<38.0	<1.60	<0.0230	<3.20	4.38	2.98 I	<16.0	7.6	<0.80	<0.72
MW-5B	3/21/2013	<38.0	<1.60	<0.0230	<3.20	3.37	5.80 I	<16.0	<1.8	<0.80	<0.72
MW-7A	3/19/2013	3260	<1.60	0.386	4.24 I	6.60	<2.00	<16.0	9.1	<0.80	<0.72
MW-7BR	3/19/2013	<38.0	<1.60	<0.0230	<3.20	3.87	12.6	<16.0	7.7	<0.80	<0.72
MW-8B	3/19/2013	4950	<1.60	<0.0230	3.32 I	7.53	<2.00	<16.0	15	<0.80	<0.72
MW-9B	3/19/2013	<38.0	<1.60	<0.0230	<3.20	7.04	3.36 I	<16.0	7.2	<0.80	<0.72
MW-10B	3/19/2013	108	<1.60	<0.0230	<3.20	5.21	<2.00	<16.0	<1.8	<0.80	<0.72
MW-11B	3/20/2013	<38.0	<1.60	1.61	<3.20	7.00	2.04 I	<16.0	12	<0.80	<0.72
MW-12B	3/20/2013	<38.0	<1.60	<0.0230	<3.20	7.58	<2.00	<16.0	<1.8	<0.80	<0.72
MW-15B	3/19/2013	<38.0	<1.60	<0.0230	<3.20	7.15	2.49 I	<16.0	13	<0.80	<0.72
MW-16B	3/19/2013	<38.0	<1.60	<0.0230	<3.20	9.38	2.79 I	<16.0	14	<0.80	<0.72
MW-17B	3/20/2013	181	<1.60	<0.0230	<3.20	5.69	<2.00	<16.0	11	<0.80	<0.72
Other, Water Supply											
Supply Well	3/21/2013	<38.0	1.60 I	<0.0230	3.39 I	5.20	2.49 I	43.7 I	<1.8	<0.80	<0.72
QA/QC											
EQUBLK	3/19/2013	<38.0	<1.60	<0.0230	<3.20	<0.320	<2.00	<16.0	15	<0.80	1.3
TRIP1	3/19/2013	-	-	-	-	-	-	-	<1.8	<0.80	<0.72
TRIP2	3/19/2013	-	-	-	-	-	-	-	<1.8	<0.80	<0.72
TRIP3	3/20/2013	-	-	-	-	-	-	-	<1.8	<0.80	<0.72

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY
FIRST SEMIANNUAL 2013

PARAMETER	IRON	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM	ZINC	ACETONE	CHLORO-FORM	TOLUENE
STANDARD UNITS	300 µg/L** µg/L	15 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	160 mg/L* mg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	6300 µg/L*** µg/L	70 µg/L*** µg/L	40 µg/L** µg/L

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

Attachment 4
Field Forms


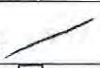
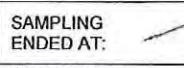
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-4		WACS_WELL: 19572	DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> 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-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		Metals		Stainless ESP	≈
MW-4	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		Stainless ESP	≈
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: ORP										
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

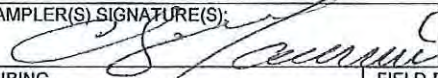
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-3		WACS_WELL: 19571	DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>							DUPLICATE: Y <input type="checkbox"/> N <input type="checkbox"/>			
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)	Stainless ESP	≈ 100	
MW-3	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈	
MW-3	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈	
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈	
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: <u>DRP</u>										
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

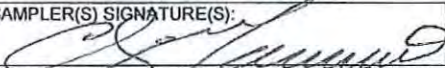
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-1A		WACS_WELL: 19567	
		DATE: 03 / 19 / 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: <u>1</u>		SAMPLING ENDED AT: <u>1</u>	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: <u>PE</u>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> 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-1A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-1A	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈	
MW-1A	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈	
MW-1A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈	
MW-1A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: ORP										
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: ± 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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

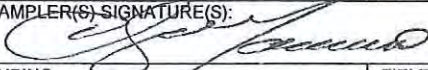
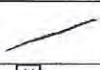

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-8	WACS_WELL: 19578	DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> 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: DRP 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: ± 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

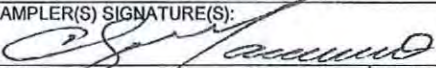

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-9		WACS_WELL: 19579	
		DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> 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-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: ORP 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; 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 $+10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009


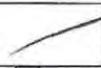

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-10	WACS_WELL: 19580	DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> <u>N (replaced)</u>							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-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: <div>ORP</div> <div>DRY WELL</div>										
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (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-12A		WACS_WELL: 19582	DATE: 03 / 19 / 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 <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> 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-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: orp 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: ± 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-1B	WACS_WELL: 19568		DATE: 03 / 19 / 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): 105.29		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) <div style="text-align: right;">= (118.50 feet - 105.29 feet) X .16 gallons/foot = 2.11 gallons</div>											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) <div style="text-align: right;">= gallons + (gallons/foot X feet) + gallons = gallons</div>											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 107.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 107.00			PURGING INITIATED AT: 1145		PURGING ENDED AT: 1155		TOTAL VOLUME PURGED (gallons): 12.50	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg/L}}{\% \text{ saturation}}$	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1149	5.00	5.00	1.25	105.35	7.47	24.66	471	7.16	.90	Clear	None
1152	3.75	8.75	1.25	105.35	7.46	24.70	464	7.08	.90	Clear	None
1155	3.75	12.50	1.25	105.35	7.45	24.72	461	7.03	.90	Clear	None
WELL CAPACITY (Gallons Per Foot): .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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
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: 1155		SAMPLING ENDED AT: 1200	
PUMP OR TUBING DEPTH IN WELL (feet): 107.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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	62	Metals	Stainless ESP	≈ 1135	
MW-1B	1	PE	250 mL	H ₂ SO ₄	None	62	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: Slowed pump to sample ORP = +148.1										
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 $+ 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (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-15B	WACS_WELL:	DATE: 03 / 19 / 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): 78.81		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 - 78.81 feet) X .16 gallons/foot = 3.93 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): 80.50			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 80.50			PURGING INITIATED AT: 1222		PURGING ENDED AT: 1240		TOTAL VOLUME PURGED (gallons): 6.30	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg}}{\text{L}}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1234	4.20	4.20	.35	78.82	7.74	24.89	260	5.38	.30	clear	None
1237	1.05	5.25	.35	78.82	7.74	24.83	262	5.37	.30	clear	None
1240	1.05	6.30	.35	78.82	7.73	24.81	262	5.38	.20	clear	None
WELL CAPACITY (Gallons Per Foot): .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: 1240		SAMPLING ENDED AT: 1244	
PUMP OR TUBING DEPTH IN WELL (feet): 80.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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	22	Metals	Stainless ESP	≈ 1325	
MW-15B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	Stainless ESP	≈ 1325	
MW-15B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1325	
MW-15B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: DRP = +172.5										
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

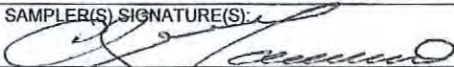
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-16B	WACS_WELL:		DATE: 03 / 19 / 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: 1317		SAMPLING ENDED AT: 1322		
PUMP OR TUBING DEPTH IN WELL (feet): 70.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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-16B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-16B	1	PE	250 mL	HNO ₃	None	22	Metals		Stainless ESP		≈ 1135
MW-16B	1	PE	250 mL	H ₂ SO ₄	None	22	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	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: slowed pump to sample ORP = +148.7											
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

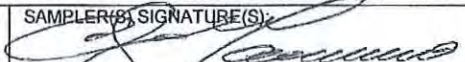
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-10B		WACS_WELL: 21325	DATE: 03 / 19 / 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): 40.74		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) <div style="text-align: right;">= (81.90 feet – 40.74 feet) X .16 gallons/foot = 3.39 gallons</div>											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) <div style="text-align: center;">= gallons + (gallons/foot X feet) + gallons = gallons</div>											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 42.50			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42.50			PURGING INITIATED AT: 1404		PURGING ENDED AT: 1422		TOTAL VOLUME PURGED (gallons): 5.40	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg/L}}{\% \text{ saturation}}$	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1416	3.60	3.60	.30	40.76	6.60	26.05	289	.43	.40	clear	None
1419	.90	4.50	.30	40.76	6.67	26.04	291	.45	.40	clear	None
1422	.90	5.40	.30	40.76	6.71	25.98	300	.49	.20	clear	None
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 & SIGNATURE(S): 			SAMPLING INITIATED AT: 1422		SAMPLING ENDED AT: 1435	
PUMP OR TUBING DEPTH IN WELL (feet): 42.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: <input checked="" type="checkbox"/> 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-10B	86	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-10B	12	PE	250 mL	HNO ₃	None	22 22	Metals	Stainless ESP	≈ 1135	
MW-10B	12	PE	250 mL	H ₂ SO ₄	None	22 22	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-10B	12	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-10B	24	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
16 3/19/13				sample/pup						

REMARKS:

ORP = 5.7

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 $+ 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (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-9B	WACS_WELL: 21324		DATE: 03 / 19 / 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: 1454		SAMPLING ENDED AT: 1459	
PUMP OR TUBING DEPTH IN WELL (feet): 42.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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	62	Metals	Stainless ESP	≈ 135	
MW-9B	1	PE	250 mL	H ₂ SO ₄	None	62	Ammonia (350.1)	Stainless ESP	≈ 135	
MW-9B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 135	
MW-9B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: Slowed pump to sample ORP = +116.4										
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: MW-8B		WACS_WELL: 21323	
		DATE: 03 / 19 / 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: 1520		SAMPLING ENDED AT: 1525		
PUMP OR TUBING DEPTH IN WELL (feet): 41.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>				
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	12	Metals		Stainless ESP		≈ 1135
MW-8B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		Stainless ESP		≈ 1135
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: Slowed pump to sample ORP = -87.5											
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 $+ 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (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-7BR	WACS_WELL: 22592		DATE: 03 / 19 / 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: 1547		SAMPLING ENDED AT: 1552	
PUMP OR TUBING DEPTH IN WELL (feet): 36.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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	✓	Metals	Stainless ESP	≈ 1135	
MW-7BR	1	PE	250 mL	H ₂ SO ₄	None	✓	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: Blowed pump to sample ORP = +89.3										
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: MW-7A	WACS_WELL: 19576	DATE: 03 / 19 / 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: 1633		SAMPLING ENDED AT: 1640	
PUMP OR TUBING DEPTH IN WELL (feet): 42.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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-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	12	Metals		Stainless ESP	≈ 567
MW-7A	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		Stainless ESP	≈ 567
MW-7A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 567
MW-7A	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: white and black particles and high turbidity @ purge start ORP = +195.4 NTV @ Metals Collection = 9.90										
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

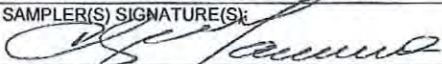
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-6		WACS_WELL: 19575	DATE: 03 / 20 / 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): 29.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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)	Stainless ESP	≈ 100	
MW-6	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	≈	
MW-6	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	≈	
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈	
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: ORP										
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



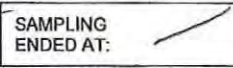
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-11	WACS_WELL: 19581		DATE: 03/ 20 /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: <i>PE</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>						DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				
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	\approx 100	
MW-11	1	PE	250 mL	HNO ₃	None		Metals	Stainless ESP	\approx	
MW-11	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)	Stainless ESP	\approx	
MW-11	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	\approx	
MW-11	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	\approx 100	
REMARKS: <i>pumped well for 5 minutes at 125 gpm which was the lowest achievable flow rate. we removed 4 gallons before well purged dry. water level was below our pump 42.2 Ft. Final NTC when well purged dry = 85.7</i> <i>* Can not sample 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

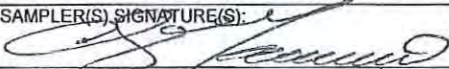
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-12B	WACS_WELL: 19583	DATE: 03/20/13	

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: 1045		SAMPLING ENDED AT: 1049		
PUMP OR TUBING DEPTH IN WELL (feet): 54.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				
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	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-12B	1	PE	250 mL	HNO ₃	None	12	Metals		Stainless ESP		≈ 1135
MW-12B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-12B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-12B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: Slowed pump to sample ORP = +232											
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (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: 03 / 20 / 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: 1113		SAMPLING ENDED AT: 1117		
PUMP OR TUBING DEPTH IN WELL (feet): 39.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>				
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	LZ	Metals		Stainless ESP	≈ 1135	
MW-11B	1	PE	250 mL	H ₂ SO ₄	None	LZ	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: Slowed pump to sample ORP: +244.4											
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-4B		WACS_WELL: 21965	DATE: 03 / 20 / 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: 1329		SAMPLING ENDED AT: 1333	
PUMP OR TUBING DEPTH IN WELL (feet): 33.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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-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	~2	Metals		Stainless ESP ≈ 1135	
MW-4B	1	PE	250 mL	H ₂ SO ₄	None	~2	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: slowed pump to sample ORP = +179.2										
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 = 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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (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: 03 / 20 / 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): 18.07	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) $= (80.60 \text{ feet} - 18.07 \text{ feet}) \times .16 \text{ gallons/foot} = 10.00 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.00	PURGING INITIATED AT: 1452	PURGING ENDED AT: 1508	TOTAL VOLUME PURGED (gallons): 20.00							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg/L}}{\% \text{ saturation}}$	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1502	12.50	12.50	1.25	18.30	7.10	23.42	384	5.70	7.10	clear	none
1505	3.75	16.25	1.25	18.30	7.10	23.44	384	5.69	6.20	↓	↓
1508	3.75	20.00	1.25	18.30	7.09	23.44	382	5.71	6.80	↓	↓
WELL CAPACITY (Gallons Per Foot): .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: 1508		SAMPLING ENDED AT: 1513	
PUMP OR TUBING DEPTH IN WELL (feet): 20.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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-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	2.2	Metals		Stainless ESP	≈ 1135
MW-17B	1	PE	250 mL	H ₂ SO ₄	None	2.2	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: ORP+274.8 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 = 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

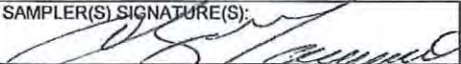
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-3B		WACS_WELL: 21964	DATE: 03/20/13

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: 1620		SAMPLING ENDED AT: 1627	
PUMP OR TUBING DEPTH IN WELL (feet): 17.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)							DUPLICATE: Y <input checked="" type="checkbox"/> 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	≈ 7.57	
MW-3B	1	PE	250 mL	H ₂ SO ₄	None	<2	Ammonia (350.1)	PP	≈ 7.57	
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 7.57	
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100	
REMARKS: ORP = 194.5										
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 $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (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-5B		WACS_WELL: 19574	DATE: 03/21/13

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 16.84	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (47.00 feet - 16.84 feet) X .16 gallons/foot = 4.83 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				

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)									

REMARKS: tiny bubbles observed in turbidity cuvette
ORP: +257.9

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)

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-5A		WACS_WELL: 19573	DATE: 03/ 21 /13

PURGING DATA

WELL	TUBING	WELL SCREEN INTERVAL						STATIC DEPTH		PURGE PUMP TYPE	
DIAMETER (inches): 2	DIAMETER (inches): .170	DEPTH: UNK feet to UNK feet						TO WATER (feet): 15.07		OR BAILER: PP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) <div style="text-align: center;">= (30.10 feet – 15.07 feet) X .16 gallons/foot = 2.40 gallons</div>											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) <div style="text-align: center;">= gallons + (gallons/foot X feet) + gallons = gallons</div>											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):			
17.00		22.00		0946		1044		2.90			
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)
1032	2.60	2.60	.05	20.08	6.68	19.30	59	5.37	4.80	Clear	None
1041	.15	2.75	.05	20.48	6.60	19.40	59	5.30	5.30	Clear	None
1044	.15	2.90	.05	20.89	6.55	19.43	58	5.24	7.20	Clear	Nare
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: 1044		SAMPLING ENDED AT: 1057	
PUMP OR TUBING DEPTH IN WELL (feet): 22.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> 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-5A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	RFPP	≈ 100	
MW-5A	1	PE	250 mL	HNO ₃	None	< 2	Metals	PP	≈ 189	
MW-5A	1	PE	250 mL	H ₂ SO ₄	None	< 2	Ammonia (350.1)	PP	≈ 189	
MW-5A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 189	
MW-5A	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100	
REMARKS: observed white particles in turbidity cuvette. Metals sample obtained prior to NTU reaching 70. By sample end NTU = 44. DTW at sample end = 21.65. Well yield is lower than the lowest achievable flow rate.										
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

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: 03 / 21 / 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: 1157		SAMPLING ENDED AT: 1201	
PUMP OR TUBING DEPTH IN WELL (feet): <i>In Place Plumbing</i>				TUBING MATERIAL CODE: <i>PE</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N (replaced)							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
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	22	Metals	In Place Plumbing	≈ 135	
SW	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	In Place Plumbing	≈ 135	
SW	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	In Place Plumbing	≈ 135	
SW	2	CG	40 mL	4° C	None	Not Req'd	8011	In Place Plumbing	≈ 100	
REMARKS: slowed pump to sample ORP = + 220.0										
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



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

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		Requested Analyses								Requested Turnaround Times	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)		8011	8260B Appendix 1 FL	Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Ni, Pb, Sb, Se, Ti, V, Zn, Hg	Ammonia 350.1	Chloride 300, Nitrate as N 300, TDS 342540C					Note: Rush requests subject to acceptance by the facility
City/ST/Zip Dade City, FL 33525		PO # / Billing Info											
Tel (352) 339-1408	Fax	Reporting Contact John Arnold											
Sampler(s) Name, Affiliation (Print) Chris N. Arnold, Servius Inc.		Billing Contact John Arnold											
Sampler(s) Signature <i>[Signature]</i>		Site Location / Time Zone FL/EST										Due <u> </u> / <u> </u> / <u> </u>	
Lab Workorder A301498													

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	T						Sample Comments
	MW-1B	3-19-13	1200	Grab	GW	8	x	x	x	x	x						
	MW-15B	3-19-13	1244	Grab	GW	8	x	x	x	x	x						
	MW-16B	3-19-13	1322	Grab	GW	8	x	x	x	x	x						
	Equipment Blank	3-19-13	1339	Grab	O	8	x	x	x	x	x						O = DEWATER
	MW-10B	3-19-13	1430	Grab	GW	8	x	x	x	x	x						
	Dup	3-19-13	1430	Grab	GW	8	x	x	x	x	x						
	MW-9B	3-19-13	1459	Grab	GW	8	x	x	x	x	x						
	MW-8B	3-19-13	1525	Grab	GW	8	x	x	x	x	x						
	MW-7BR	3-19-13	1552	Grab	GW	8	x	x	x	x	x						
	MW-7A	3-19-13	1640	Grab	GW	8	x	x	x	x	x						
	trip blank 1			Grab	OT	2		x									OT = Lab OT water
	MW-12B	3-20-13	1049	Grab	GW	8	x	x	x	x	x						

<-- Total # of Containers

Sample Kit Prepared By <i>[Signature]</i>	Date/Time 3-15-13 16:41	Relinquished By <i>[Signature]</i>	Date/Time 3-15-13 16:41	Received By <i>[Signature]</i>	Date/Time 3-19-13 0900
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 3-20-13 1400	Received By <i>[Signature]</i>	Date/Time 3-20-13 1400
		Relinquished By <i>[Signature]</i>	Date/Time 3-20-13 1530	Received By <i>[Signature]</i>	Date/Time 3/20/13 1530
	Cooler #'s & Temps on Receipt				Condition Upon Receipt <u> </u> Acceptable <u> </u> Unacceptable

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD


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Page 2 of 2

Client Name Angelo's Recycled Materials (AN010)		Project Number 87895		<div> <div>8011</div> <div>8260B Appendix 1 FL</div> <div>Ag,As,Ba,Bi,Cd,Co,Cr,Cu,Fa,Na,Ni,Pb, Sb,Se,Ti,V,Zn,Hg</div> <div>Ammonia 350.1</div> <div>Chloride 300,Nitrate as N 300, TDS SM254.0C</div> </div>								Requested Turnaround Times Note : Rush requests subject to acceptance by the facility <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited Due <u> </u> / <u> </u> / <u> </u>	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)											
City/ST/Zip Dade City, FL 33525		PO # / Billing Info											
Tel (352) 339-1408		Fax											
Reporting Contact John Arnold		Billing Contact John Arnold		<div> <div>8011</div> <div>8260B Appendix 1 FL</div> <div>Ag,As,Ba,Bi,Cd,Co,Cr,Cu,Fa,Na,Ni,Pb, Sb,Se,Ti,V,Zn,Hg</div> <div>Ammonia 350.1</div> <div>Chloride 300,Nitrate as N 300, TDS SM254.0C</div> </div>								Lab Workorder A301498	
Sampler(s) Name, Affiliation (Print) Chris Monaco Idrial Tech Services Inc.		Site Location / Time Zone FL/EST											
Sampler(s) Signature 													

[illegible]

Sample Kit Prepared By <i>[Signature]</i>	Date/Time 16:41 3-15-13	Relinquished By <i>[Signature]</i>	Date/Time 16:41 3-15-13	Received By <i>[Signature]</i>	Date/Time 0900 3-19-13
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 3/20/13 1400	Received By Kann LeBeau	Date/Time 3-20-13 1400
		Relinquished By Kann LeBeau	Date/Time 3-20-13 1530	Received By <i>[Signature]</i>	Date/Time 3/20/13 1530
	Cooler #'s & Temps on Receipt				Condition Upon Receipt <input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

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

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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

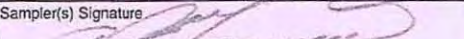
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Page 1 of 1

Client Name Angelo's Recycled Materials (AN010)		Project Number 87895		Requested Analyses										Requested Turnaround Times	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)		<div>8011</div> <div>8260B Appendix 1 FL</div> <div>Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Ni, Pb, Sb, Se, Ti, V, Zn, Hg</div> <div>Ammonia 350.1</div> <div>Chloride 300, Nitrate as N 300, TDS SM2540C.</div>										Note : Rush requests subject to acceptance by the facility	
City/ST/Zip Dade City, FL 33525		PO # / Billing Info												Requested Turnaround Times	
Tel (352) 339-1408	Fax	Reporting Contact John Arnold		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited											
Sampler(s) Name, Affiliation (Print) Chris Monaco, Ideal Tech Services Inc.		Billing Contact John Arnold		Due <u> </u> / <u> </u> / <u> </u>											
Sampler(s) Signature 		Site Location / Time Zone FL EST		Lab Workorder A301498											

[illegible]

Sample Kit Prepared By <i>JB</i>	Date/Time <i>3-15-13 16:41</i>	Relinquished By <i>[Signature]</i>	Date/Time <i>3-15-13 16:41</i>	Received By <i>[Signature]</i>	Date/Time <i>3-19-13 0900</i>
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time <i>3-15-13 1215</i>	Received By <i>Karen Le Bean</i>	Date/Time <i>3-21-13 1213</i>
		Relinquished By <i>Karen Le Bean</i>	Date/Time <i>3-21-13 1350</i>	Received By <i>[Signature]</i>	Date/Time <i>3-21-13 1350</i>
	Cooler #'s & Temps on Receipt				Condition Upon Receipt <input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)	Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)
---	---

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CALIBRATION LOG

ITS Work Order Number: ARM-EL-12-031913

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

START CAL DATE @ TIME: 03/19/13 @ 0715

Site: Enterprise Class III Landfill

END CALIBRATION DATE @ TIME: 03/19/13 @ 1900

Page 1 of 3

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.20

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						
7.000	7.00	7.01	7.00	cc148108	Oct-13	LOW 4.90	4.95		NA	10/15/12	
10.012	10.00	9.99	✓	cc163104	Aug-14	HIGH 30.50		30.52		10/15/12	
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 μmhos	INITIAL		CCV	LOT NUMBER	EXPIRATION DATE	
	INITIAL	CCV				INITIAL	CCV				
0.00	.18	.17	2AA184	Jan-13							
fresh air @					8,974	NM	NM		2AF201	Jun-13	
18.7 °C	9.30				2,764	2764	2773		2AB743	Feb-13	
24.60 °C		8.31			447	NM	NM		NA	NA	
					84	84	84		2AB157	Feb-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	260	202	2AJ047	Apr-13	MFGR VALUE mg/L	0.00	.21	0.90	1.61		
400	401	399	2AE875	May-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 910285 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 1)						Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 6/18/12					
STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE	Remarks: <u>Partly Sunny 65-70°F</u>						
	INITIAL	CCV			Weather Conditions: <u>breeze from South (warm pm)</u>						
1000	NM	NM	See Below	Nov-14	Equipment Blank with D.I. water						
100	100	100	See Below	Nov-14	Zephyrhills brand Lot #011613015WF2331058BB						
10	10	10	See Below	Nov-14	Exp Date 07/31/14						
0.02	.02	.02	See Below	Nov-14	Equipment Blank Data - Collected @ 1339						
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 5.20 on 11/08/12: Update Cal Solutions and 400mv ORP

All equipment used to obtain data at this site is owned, operated, and maintained by Ideal Tech Services Inc., unless otherwise noted. All equipment was purchased new from the manufacturers or authorized distributors. Preventative maintenance will be performed at the intervals specified by the manufacturer of each piece of equipment, or when equipment calibration results are out of tolerance. Equipment maintenance logs will be maintained by Ideal Tech Services Inc.

COPY TO: John Arnold, P.E.

SIGNED: Karen LeBeau

Chris Monaco or Karen LeBeau



CALIBRATION LOG

ITS Work Order Number:

ARM-EL-12-032013

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: 03/20/13 @ 0800

END CALIBRATION DATE @ TIME: 03/20/13 @ 1850

Page 2 of 3

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.20

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		LOT NUMBER	DATE PERFORMED (Quarterly)
	INITIAL	CCV						TEMP READING			
4.005	4.00	3.99	✓	cc163104	Aug-13			LOW	HIGH		
7.000	7.00	6.99	7.00	cc148108	Oct-13	LOW	4.90	4.95		NA	10/15/12
10.012	10.00	10.00	✓	cc163104	Aug-14	HIGH	30.50		30.52		10/15/12

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	.19	.18	2AA184	Jan-13
fresh air @				
19.61 °C	9.15			
25.36 °C		8.21		

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

Conductivity Sensor Per DEP-SOP-001/01 FT 1200

STANDARD "mhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	2AF201	Jun-13
2,764	2,764	2,769	2AB743	Feb-13
447	NM	NM	NA	NA
84	84	84	2AB157	Feb-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	203	2AJ047	Apr-13
400	400	399	2AE875	May-13

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

**HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 S/N 910285
Per DEP-SOP-001/01 FT 1600 (ITSNTU # 1)**

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

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

Remarks:

Weather Conditions: Overcast 65-70°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #011513015WF2331058BB

Exp Date 07/31/14

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 5.20 on 11/08/12: Update Cal Solutions and 400mv ORP

All equipment used to obtain data at this site is owned, operated, and maintained by Ideal Tech Services Inc., unless otherwise noted. All equipment was purchased new from the manufacturers or authorized distributors. Preventative maintenance will be performed at the intervals specified by the manufacturer of each piece of equipment, or when equipment calibration results are out of tolerance. Equipment maintenance logs will be maintained by Ideal Tech Services Inc.

COPY TO: John Arnold, P.E.

SIGNED:

Chris Monaco or Karen LeBeau



CALIBRATION LOG

ITS Work Order Number: ARM-EL-12-032113

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

START CAL DATE @ TIME: 03/21/13 @ 0715

Site: Enterprise Class III Landfill

END CALIBRATION DATE @ TIME: 03/21/13 @ 1600

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YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.20

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	4.01	3.99	✓	cc163104	Aug-13	LOW 4.90	4.95		NA	10/15/12	
7.000	7.00	6.99	7.00	cc148108	Oct-13	HIGH 30.50		30.52		10/15/12	
10.012	10.00	9.98	✓	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	INITIAL		CCV	LOT NUMBER	EXPIRATION DATE	
	INITIAL	CCV				INITIAL	CCV				
0.00	.18	.17	2AA184	Jan-13	8,974	NM	NM		2AF201	Jun-13	
fresh air @					2,764	2764	2771		2AB743	Feb-13	
18.26 °C	9.40				447	NM	NM		NA	NA	
22.34 °C		8.67			84	84	85		2AB157	Feb-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	201	203	2AJ047	Apr-13	MFGR VALUE mg/L	0.00	.21	0.90	1.61		
400	400	398	2AE875	May-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 910285 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 1)						Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 6/18/12					
Remarks: Cool am						Weather Conditions: Sunny 60-65°F					
Equipment Blank with D.I. water						Zephyrhills brand Lot #011513015WF2331058BB					
Exp Date 07/31/14						Equipment Blank Data - Collected @ none collected					
pH = / Cond = /						Temp = / D.O. = /					
Turbidity = /											
Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 21155											

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.20 on 11/08/12: Update Cal Solutions and 400mv ORP

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COPY TO: John Arnold, P.E.

SIGNED: Karen LeBeau

Chris Monaco or Karen LeBeau

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

