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4140 NW 37th Place, Suite A,
Gainesville, FL 32606
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May 31, 2017

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 2017
And 1st Quarter Landfill Gas Report
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-020-SC/T3
WACS No. 87895**

Dear Mr. Morris:

This report presents data from the first 2017 (17S1) semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on March 27 and March 28, 2017. Attachment 5 includes the 1st Quarter Landfill Gas monitoring report per Section 2, Part E.4 of the facility permit.

All groundwater wells which require semiannual sampling were sampled and analyzed for the parameters listed in Appendix 3.4.c of the permit with the exception of BW-1A, MW-3, MW-4, MW-8, MW-9 and MW-10 which were dry or contained insufficient water for sampling. The supply well was sampled for parameters listed in Appendix 3.4.c of the permit. Quality Assurance/Quality Control samples were also collected. All sampling was performed by Ideal Tech Services, Inc. Samples were submitted to Environmental Conservation Laboratories, Inc. (ENCO) in Orlando, Florida.

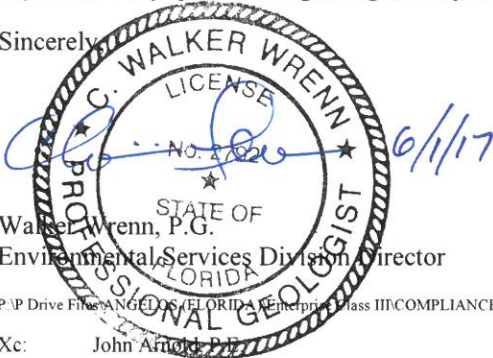
Surficial monitoring wells BW-1A, MW-3, MW-4, MW-8, MW-9 and MW-10 routinely do not contain sufficient water for sampling and are therefore paired with Floridan aquifer wells. Groundwater samples were collected from each of the Floridan aquifer wells.

Parameters reported at or outside groundwater standards are presented in Attachment 2. Parameters outside groundwater standards are consistent with historical results. Parameters above the Method Detection Levels (MDL) are presented in Attachment 3. Sampling field forms are present in Attachment 4. All parameters in the QAQC samples collected during this sampling event fell below the laboratory MDL. Automated Data Processing Tool (ADaPT), Electronic Data Deliverable (EDDs), and Laboratory Reports digitally delivered in accordance with the facility permit. We recommend continued semiannual monitoring as specified in the facility permit.



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

Sincerely,


C. WALKER WRENN
LICENSE
No. 2762
STATE OF
FLORIDA
PROFESSIONAL GEOLOGIST
6/1/17

Walker Wrenn, P.G.
Environmental Services Division Director

P:\P Drive Files\ANGELOS\FLORIDA Enterprise Class III\COMPLIANCE MONITORING\2017\17S1\Figures\17S1 Text.docx

Xc: John Arnold, P.E.

Attachment 1:	Groundwater Elevation Data, and Groundwater Contour Map
Attachment 2:	Analysis Results Compared to Groundwater Standards
Attachment 3:	Groundwater Parameters At or Above the Laboratory Detection Limit
Attachment 4:	Field Forms
Attachment 5:	4 th Quarter Landfill Gas Data



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 (813) 477-1719
- (2) WACS Facility ID 87895
- (3) DEP Permit Number 177982-020-SO/T3
- (4) Authorized Representative's Name Walker Wrenn, P.G. Title Environmental Division
Address 4140 NW 37th Place, Suite A
City Gainesville, Florida Zip 32606 County Alachua
Telephone Number (352) 672-6867
Email address (if available) walker@locklearconsulting.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.

6/1/17

(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) _____

Attachment 1
Groundwater Elevation Data and Groundwater Contour Maps

GROUNDWATER ELEVATION DATA

Enterprise Class III Landfill and Recycling Facility 2017 - First Semiannual Compliance Monitoring Event

WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUDWATER ELEVATION	DEPTH TO WATER	GROUDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1A	173.77	dry	NA	NS	NS
BW-1A	122.50	54.10	68.40	54.10	68.40
MW-1B	174.11	106.33	67.78	NS	NS
BW-1B	122.82	54.88	67.94	54.88	67.94
MW-3	85.39	dry	NA	dry	NA
MW-3B	84.80	16.81	67.99	16.81	67.99
MW-4	100.59	23.84	76.75	23.84	76.75
MW-4B	100.87	32.83	68.04	32.83	68.04
MW-5A	86.74	16.67	70.07	16.67	70.07
MW-5B	85.70	17.81	67.89	17.81	67.89
MW-6	88.65	20.39	68.26	20.39	68.26
MW-6B	89.10	21.11	67.99	21.11	67.99
MW-7A	100.72	33.00	67.72	33.00	67.72
MW-7BR	103.27	35.30	67.97	35.30	67.97
MW-8	100.10	35.31	64.79	dry	NA
MW-8B	108.52	40.47	68.05	40.47	68.05
MW-9	108.00	dry	NA	dry	NA
MW-9B	109.75	41.56	68.19	41.56	68.19
MW-10	111.62	37.25	74.37	37.25	NA
MW-10B	110.00	41.80	68.20	41.80	68.20
MW-11	104.45	36.03	68.42	NS	NS
MW-11B	106.11	38.18	67.93	NS	NS
MW-12A	121.43	53.12	68.31	NS	NS
MW-12B	121.84	53.62	68.22	NS	NS
MW-17B	87.21	19.11	68.10	19.11	68.10
MW-18B	152.58	84.84	67.74	NS	NS
MW-19B	146.88	61.25	85.63	NS	NS
MW-20B	126.86	59.14	67.72	NS	NS
P-4	84.55	17.55	67.00	NS	NS
P-6	94.16	35.05	59.11	NS	NS
P-8	133.94	67.49	66.45	NS	NS
P-10	132.60	64.75	67.85	NS	NS
P-11	150.76	54.44	96.32	NS	NS
SUPPLY WELL	NM	NM	NM	NS	NS


* = new Top of Casing elevations due to riser pipe being cut

NS = Not sampled


NM = Not measured

NA = Not Available


LEGEND

 MW-4B


MONITORING WELL LOCATION

 68.04


GROUNDWATER ELEVATION

 GP-1


GAS PROBE LOCATION

 P-11


SUPPLY WELL LOCATION

 P-11


PIEZOMETER WELL LOCATION

 MW-12A


WATER LEVEL ONLY WELL LOCATION

 MW-18B


FUTURE MONITOR WELL LOCATION**

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PROPERTY BOUNDARY

 ---


LANDFILL LIMITS

 ---


CELL BOUNDARY

 67.9

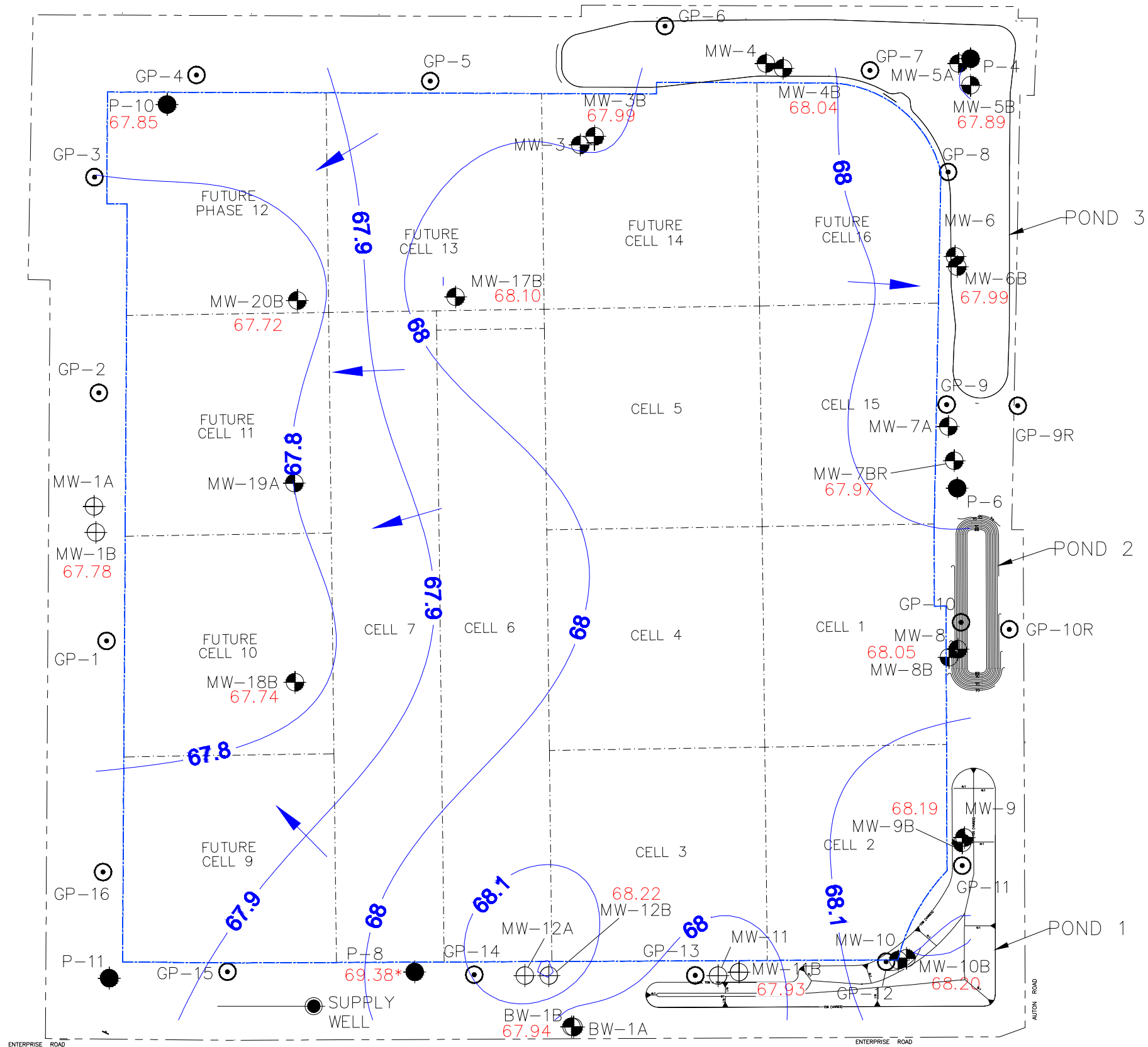
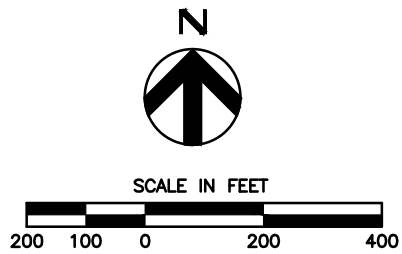
GROUNDWATER CONTOUR LINE (0.1' INTERVALS)

 →

GROUNDWATER FLOW DIRECTION

 *

NOT USED IN CONTOURING



Attachment 2
Analysis Results Compared to Groundwater Standards

Enterprise Class III Landfill and Recycling Facility**Analysis Results Compared to Groundwater Standards****2017 - First Semiannual Compliance Monitoring Sampling Results**

PARAMETER	COLLECTION	pH (FIELD)	NITRATE as N	IRON	LEAD
STANDARD	DATE	6.5-8.5 s.u.**	10 mg/L*	300 µg/L**	15 µg/L*
UNITS	M/D/Y	S.U.	mg/L	µg/L	µg/L
Background					
BW-1B	3/27/2017	-	-	-	-
Detection					
MW-3B	3/28/2017	-	-	-	-
MW-4B	3/28/2017	-	-	-	-
MW-5A	3/28/2017	5.59	-	761	-
MW-5B	3/28/2017	-	-	-	-
MW-6B	3/28/2017	-	-	-	-
MW-7A	3/27/2017	5.3	-	424	-
MW-7BR	3/27/2017	-	-	-	-
MW-8B	3/27/2017	-	-	5300	-
MW-9B	3/27/2017	-	-	-	-
MW-9B DUP	3/27/2017	NM	-	-	-
MW-10B	3/27/2017	-	-	-	-
MW-17B	3/27/2017	-	-	-	-
MW-18B	3/27/2017	-	-	-	-
MW-19A	3/27/2017	6.11	16	366	-
MW-20B	3/27/2017	-	-	-	-
Other, Water Supply					
Supply Well	3/28/2017	-	-	-	18.8
QAQC					
EQUBLK	3/27/2017	NM	-	-	-
TRIP 1	3/27/2017	NM	NM	NM	NM
TRIP 2	3/27/2017	NM	NM	NM	NM
TRIP 3	3/27/2017	NM	NM	NM	NM

LEGEND

* = primary drinking water standard

** = secondary drinking water standard

*** = Chapter 62-777-Groundwater Cleanup Target Level (GCTL)

A = Analysis Result is at Groundwater Standard

- = Analysis Result is not at or outside Groundwater Standard

NS = Not Sampled

NM = Not Measured

Note: Analysis results which were reported above the laboratory detection 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

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2017 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER		CONDUCTIVITY	DISSOLVED OXYGEN	pH (FIELD)	TEMPERATURE	TURBIDITY (FIELD)	AMMONIA as NITROGEN	CHLORIDE
STANDARD	COLLECTION	1	1	6.5-8.5 s.u.**	1	1	1	250 mg/L**
UNITS	DATE	umhos/cm	mg/L	S.U.	deg C	NTU	mg/L	mg/L
Background								
BW-1B	3/27/2017	222	7.44	6.51	24.62	0.5	<0.0073	23
Detection								
MW-3B	3/28/2017	378	1.36	7.51	23.56	0.6	<0.0073	5.8
MW-4B	3/28/2017	298	2.87	7.68	23.85	0.2	<0.0073	3.9 I
MW-5A	3/28/2017	54	4.7	5.59	22.58	14.9	<0.0073	2.3 I
MW-5B	3/28/2017	240	4.6	7.59	24.1	7.5	<0.0073	3.2 I
MW-6B	3/28/2017	270	2.15	7.78	24.02	7.5	<0.0073	3.2 I
MW-7A	3/27/2017	149	0.32	5.3	25.32	4.2	<0.0073	11
MW-7BR	3/27/2017	277	1	7.69	24.87	5.1	<0.0073	5.1
MW-8B	3/27/2017	598	0.12	7.02	26.8	0.4	1.3	11
MW-9B	3/27/2017	495	2.48	7.22	26.53	2.4	<0.0073	6.8
MW-9B DUP	3/27/2017	-	-	-	-	-	<0.0073	6.8
MW-10B	3/27/2017	340	0.27	6.88	25.78	0.4	<0.0073	7.5
MW-17B	3/28/2017	580	4.04	7.11	23.6	1	<0.0073	7.2
MW-18B	3/27/2017	494	0.26	7.33	25.13	8.9	<0.0073	10
MW-19A	3/27/2017	501	2.5	6.11	24.71	12.6	<0.0073	85
MW-20B	3/27/2017	280	4.99	7.85	24.66	14.2	<0.0073	12
Other, Water Supply								
Supply Well	3/28/2017	409	0.78	7.41	24.15	0.2	<0.0073	11

LEGEND

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1 = No Standard

- = Not analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)

J = Estimated value

V = Analyte found in associated method blank

Q = Estimated value; analyte analyzed after acceptable holding time

U = Indicates that the compound was analyzed for but not detected

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2017 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER	NITRATE as N	TDS	BARIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD
STANDARD	10 mg/L*	500 mg/L**	2000 µg/L*	100 µg/L*	140µg/L***	1000 µg/L**	300 µg/L**	15 µg/L*
UNITS	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background								
BW-1B	5.7	150	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
Detection								
MW-3B	0.66 I	210	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-4B	0.51 I	170	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-5A	0.47 I	32	<20.0	<4.50	<2.10	<2.20	761	2.71 I
MW-5B	0.84 I	140	<20.0	<4.50	<2.10	<2.20	45.0 I	3.27 I
MW-6B	0.76 I	140	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-7A	0.14 I	80	<20.0	<4.50	<2.10	<2.20	424	1.65 I
MW-7BR	0.93 I	150	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-8B	<0.052	310	66.1 I	<4.50	<2.10	<2.20	5300	<1.60
MW-9B	4.3	280	<20.0	<4.50	<2.10	<2.20	<38.0	2.81 I
MW-9B DUP	4.4	280	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-10B	3.8	190	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-17B	2.3	310	<20.0	<4.50	<2.10	<2.20	<38.0	<1.60
MW-18B	0.94 I	270	<20.0	8.62 I	<2.10	<2.20	77.7	<1.60
MW-19A	16	300	46.3 I	7.38 I	87.9	<2.20	366	4.49 I
MW-20B	3.2	160	<20.0	<4.50	<2.10	<2.20	184	<1.60
Other, Water Supply								
Supply Well	2.2	230	<20.0	<4.50	<2.10	5.82 I	<38.0	18.8

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- = Not analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)

J = Estimated value

V = Analyte found in associated method blank

Q = Estimated value; analyte analyzed after acceptable holding time

U = Indicates that the compound was analyzed for but not detected

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2017 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER	MERCURY	NICKEL	SODIUM	THALLIUM	VANADIUM	ZINC
STANDARD	2 µg/L*	100 µg/L*	160 mg/L*	2 µg/L*	49 µg/L***	5000 µg/L**
UNITS	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L
Background						
BW-1B	<0.0230	<3.20	9.47	<0.580	<2.00	<16.0
Detection						
MW-3B	<0.0230	<3.20	4.81	<0.580	<2.00	<16.0
MW-4B	<0.0230	<3.20	4.23	<0.580	<2.00	<16.0
MW-5A	<0.0230	<3.20	3.24	<0.580	<2.00	<16.0
MW-5B	<0.0230	<3.20	3.35	<0.580	6.29 I	<16.0
MW-6B	<0.0230	<3.20	3.84	<0.580	4.53 I	<16.0
MW-7A	0.431	<3.20	6.08	<0.580	<2.00	<16.0
MW-7BR	<0.0230	<3.20	3.78	<0.580	5.76 I	<16.0
MW-8B	<0.0230	<3.20	8.34	<0.580	<2.00	<16.0
MW-9B	<0.0230	<3.20	6.14	<0.580	2.54 I	<16.0
MW-9B DUP	<0.0230	<3.20	6.33	<0.580	2.40 I	<16.0
MW-10B	<0.0230	<3.20	5.29	<0.580	<2.00	<16.0
MW-17B	1.24	<3.20	7.31	<0.580	<2.00	<16.0
MW-18B	<0.0230	5.78 I	7.01	<0.580	<2.00	61.1
MW-19A	<0.0230	17.5	13.7	0.984 I	<2.00	<16.0
MW-20B	<0.0230	<3.20	5.98	<0.580	<2.00	<16.0
Other, Water Supply						
Supply Well	<0.0230	<3.20	6.14	<0.580	<2.00	61.0

LEGEND

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- = Not analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)

J = Estimated value

V = Analyte found in associated method blank

Q = Estimated value; analyte analyzed after acceptable holding time

U = Indicates that the compound was analyzed for but not detected

Attachment 4
Field Forms



CALIBRATION LOG

ITS Work Order Number:

ARM-EL-36-032717

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: 03/27/17 @ 0700

END CALIBRATION DATE @ TIME: 03/27/17 @ 1830

Page 1 of 2

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.36

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	3.97	-	CC321306	May-17						
7.000	7.00	7.02	7.00	CC381652	Oct-17	LOW	5.20	5.22		NA	01/22/17
10.012	10.01	9.99		CC364150	Aug-17	HIGH	29.10		29.08		01/22/17

Standards are prepared by OAKTON.

Liquid Temp: N/A

Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500

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

STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE	Conductivity Sensor Per DEP-SOP-001/01 FT 1200			
	INITIAL	CCV			STANDARD "mhos	INITIAL	CCV	LOT NUMBER
0.00	.18	.17	6GC1072	Mar-17				
fresh air @					8,974	NM	NM	6GC051
20.37 °C	8.99				2,764	2764	2787	6GF233
25.45 °C		8.15			447	NM	NM	No Stock
					84	84	84	6GI958

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

STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE	HACH POCKET COLORIMETER II S/N 06070D052733				
	INITIAL	CCV			STANDARD ID	BLANK	1	2	3
200	200	199	6GJ556	Jul-17	MFGR VALUE mg/L	0.00	.21	0.90	1.81
400	400	402	6GH275	Aug-17	VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
					CCV METER mg/L	NM	NM	NM	NM

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

Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 02/09/15

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

STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE	Remarks:				
	INITIAL	CCV			Weather Conditions: Sunny to Partly Cloudy @ 85°F				
1000	NM	NM	See Below	Sep-18	Equipment Blank with D.I. water				
100	100	100	See Below	Sep-18	Zephyrhills brand Lot #010817008WF2331532				
10	10	10	See Below	Sep-18	Exp Date 07/31/18				
0.02	.02	.02	See Below	Sep-18	Equipment Blank Data - Collected @ 1546				

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 60973

pH = - Cond = -

Temp = - D.O. = -

Turbidity = -

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.36 on 01/22/17: Update for Calibration Solutions

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-36-032817

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: 03/28/17 @ 0700

END CALIBRATION DATE @ TIME: 03/28/17 @ 1710

Page 2 of 2

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.36

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	-	CC321306	May-17					
7.000	7.00	7.02	7.00	CC381652	Oct-17	LOW 5.20	5.22		NA	01/22/17
10.012	10.01	10.00	-	CC364150	Aug-17	HIGH 29.10		29.08		01/22/17

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 ° unless otherwise noted. YSI is checked against ERTCO once per Quarter

Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500

STANDARD (ppm)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.18	.17	6GC1072	Mar-17
fresh air @				
20.11 °C	9.04			
26.00 °C		8.07		

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

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

STANDARD μmhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	6GC051	Mar-17
2,764	2764	2779	6GF233	Jun-17
447	NM	NM	No Stock	No Stock
84	84	84	6GI958	Sep-17

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	199	6GJ556	Jul-17
400	400	401	6GH275	Aug-17

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

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
CCV METER mg/L	NM	NM	NM	NM

Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 02/09/15

Remarks:

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	Sep-18
100	100	100	See Below	Sep-18
10	10	10	See Below	Sep-18
0.02	102	102	See Below	Sep-18

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 60973

Weather Conditions: Sunny 80-85°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #010817008WF2331532

Exp Date 07/31/18

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 5.36 on 01/22/17: Update for Calibration Solutions

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
Chris Monaco or Karen LeBeau


DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: BW-1A	WACS_WELL:		DATE: MAR 27 2017

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: HDPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm		
Filtration Equipment Type:				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> N				
Filtration Equipment Type:				TUBING Y <input checked="" type="checkbox"/> N (replaced)		DUPLICATE: Y <input checked="" type="checkbox"/> N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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			SAMPLE PUMP FLOW RATE (mL per minute)	
BWV-1A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
BWV-1A	1	PE	250 mL	HNO ₃	None		Metals		Stainless ESP	≈
BWV-1A	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		Stainless ESP	≈
BWV-1A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈
BWV-1A	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: Not enough water for valid sample, well will draw dry at this depth.										
No Sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: BW-1B	WACS_WELL:	DATE:	MAR 27 2017

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: 1356		SAMPLING ENDED AT: 1400	
PUMP OR TUBING DEPTH IN WELL (feet): 56.00				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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				
BW-1B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
BW-1B	1	PE	250 mL	HNO ₃	None	22	Metals		Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)		Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1135
BW-1B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: black particles observed in purge water, appears to be insect bodies ORP= +208.6 slowed pump to sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; FRPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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



DEP 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:	MAR 27 2017

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: HDPE			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 (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-3	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		pp	≈ 100
MW-3	1	PE	250 mL	HNO ₃	None		Metals		pp	≈
MW-3	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		pp	≈
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		pp	≈
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011		pp	≈ 100
REMARKS: Dry well							No Sample			
ORP=										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) 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)


DEP 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: MAR 28 2017

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: 0954		SAMPLING ENDED AT: 0958	
PUMP OR TUBING DEPTH IN WELL (feet): 36.00				TUBING MATERIAL CODE: HDPE			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-3B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP	≈ 100	
MW-3B	1	PE	250 mL	HNO ₃	None	62	Metals	PP	≈ 567	
MW-3B	1	PE	250 mL	H ₂ SO ₄	None	62	Ammonia (350.1)	PP	≈ 567	
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 567	
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100	
REMARKS:										
ORP= +131.7										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

DEP 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: MAR 27 2017

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: HDPE			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 checked="" type="checkbox"/> N <input type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-4	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-4	1	PE	250 mL	HNO ₃	None		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: Not enough water for valid sample, well will draw dry at this depth. No sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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: MAR 28 2017	

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: 1014		SAMPLING ENDED AT: 1020	
PUMP OR TUBING DEPTH IN WELL (feet): 34.00				TUBING MATERIAL CODE: HDPE		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 (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-4B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-4B	1	PE	250 mL	HNO ₃	None	<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 = +120.3										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) 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)


DEP 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: MAR 28 2017

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: 1056		SAMPLING ENDED AT: 1101	
PUMP OR TUBING DEPTH IN WELL (feet): 21.00				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			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-5A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		PP	≈ 100
MW-5A	1	PE	250 mL	HNO ₃	None	12	Metals		PP	≈ 378
MW-5A	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		PP	≈ 378
MW-5A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		PP	≈ 378
MW-5A	2	CG	40 mL	4° C	None	Not Req'd	8011		PP	≈ 100
REMARKS: Ntu@Metals = 19.20 ORP = +260.7										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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-5B	WACS_WELL: 19574		DATE: MAR 28 2017

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: 1118		SAMPLING ENDED AT: 1122	
PUMP OR TUBING DEPTH IN WELL (feet): 42.00				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-5B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-5B	1	PE	250 mL	HNO ₃	None	22	Metals	Stainless ESP	≈ 757	
MW-5B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)	Stainless ESP	≈ 757	
MW-5B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 757	
MW-5B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: ORP= +116.7										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) 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)

DEP 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: MAR 28 2017

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3.75	WELL SCREEN INTERVAL DEPTH: 10 feet to 30 feet	STATIC DEPTH TO WATER (feet): 20.39	PURGE PUMP TYPE OR BAILER: ESP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (30.05 feet - 20.39 feet) X 16 gallons/foot = 1.55 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = 0.012 gallons/foot X 25.00 feet + .032 gallons = .06 gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.50	PURGING INITIATED AT: 1211	PURGING ENDED AT: 1318	TOTAL VOLUME PURGED (gallons): 6.70							
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) cloudy	ODOR (describe)
1227	1.40	1.40	.10	23.10	5.72	24.79	51	4.14	56.30	white	None
1230	.30	1.90	.10	24.20	5.81	24.83	50	4.06	60.70	white	None
1233	.30	2.20	.10	25.30	5.88	24.84	50	3.99	75.70	white	None
1243	1.00	3.20	.10	26.40	5.88	24.85	50	3.98	78.90	white	None
1253	1.00	4.20	.10	27.20	5.89	24.87	51	3.97	92.20	white	None
1303	1.00	5.20	.10	28.10	5.89	24.90	51	3.95	100	white	None
1313	1.00	6.20	.10	29.00	5.90	24.90	50	3.90	114	white	None
1318	.50	6.70	.10	29.50	5.91	24.93	50	3.91	109	white	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(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: -		SAMPLING ENDED AT: -	
PUMP OR TUBING DEPTH IN WELL (feet): 29.50				TUBING MATERIAL CODE: HDPE				FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: 1 µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y <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 (including wet ice)				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-6	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		ESP PP ≈ 100		
MW-6	1	PE	250 mL	HNO ₃	None		Metals		ESP PP ≈ -		
MW-6	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		ESP PP ≈ -		
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		ESP PP ≈ -		
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011		ESP PP ≈ 100		
REMARKS: well continually draws. Purge starts cloudy and no improvement until well draw dry. ORP = +213.5 No sample @ lowest achievable flow rate.											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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: ± 5% Dissolved Oxygen: all readings ≤ 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)


DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-6B		WACS_WELL:	DATE: MAR 28 2017

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: 1158		SAMPLING ENDED AT: 1202	
PUMP OR TUBING DEPTH IN WELL (feet): 47.00				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
PUMP 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 (including wet ice)			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-6B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-6B	1	PE	250 mL	HNO ₃	None	12	Metals		Stainless ESP	≈ 946
MW-6B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		Stainless ESP	≈ 946
MW-6B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 946
MW-6B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS:										
ORP= +80.5										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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


DEP 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: MAR 27 2017

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: 1432		SAMPLING ENDED AT: 1437		
PUMP OR TUBING DEPTH IN WELL (feet): 44.50				TUBING MATERIAL CODE: HDPE			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 (including wet ice)				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	22	Metals		Stainless ESP ≈ 757		
MW-7A	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)		Stainless ESP ≈ 757		
MW-7A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP ≈ 757		
MW-7A	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP ≈ 100		
REMARKS: ORP = +202.2											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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: MAR 27 2017

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 1509		SAMPLING ENDED AT: 1513	
PUMP OR TUBING DEPTH IN WELL (feet): 36.00				TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y <input 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 (including wet ice)		INTENDED ANALYSIS AND/OR METHOD	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLING EQUIPMENT CODE
MW-7BR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)
MW-7BR	1	PE	250 mL	HNO ₃	None	62	Metals
MW-7BR	1	PE	250 mL	H ₂ SO ₄	None	62	Ammonia (350.1)
MW-7BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS
MW-7BR	2	CG	40 mL	4° C	None	Not Req'd	8011
REMARKS: slowed pump to sample ORP = +163.6							
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)							
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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: MAR 27 2017

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: HDPE			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 (including wet ice)			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				SAMPLE PUMP FLOW RATE (mL per minute)
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: Not enough water to sustain flow.										
ORP=										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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: MAR 27 2017	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet		STATIC DEPTH TO WATER (feet): 40.47		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;">= (57.00 feet - 40.47 feet) X 16 gallons/foot = 264 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): 41.50			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.50			PURGING INITIATED AT: 1522		PURGING ENDED AT: 1534		TOTAL VOLUME PURGED (gallons): 6.00	
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)
1528	3.00	3.00	.50	40.56	4.98	26.88	602	.11	1.10	Clear	None
1531	1.50	4.50	.50	40.56	7.00	26.82	600	.12	.50	Clear	None
1534	1.50	6.00	.50	40.56	7.02	26.80	598	.12	.40	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.				SIGNATURE(S): 			SAMPLING INITIATED AT: 1534		SAMPLING ENDED AT: 1338	
PUMP OR TUBING DEPTH IN WELL (feet): 41.50				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			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-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	62	Metals		Stainless ESP	≈ 1135
MW-8B	1	PE	250 mL	H ₂ SO ₄	None	62	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 = -191.8										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = Ather (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)




DEP 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:	MAR 27 2017

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: HDPE			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 (including wet ice)			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: Dry well										
ORP= No Sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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


DEP 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: MAR 27 2017

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1624		SAMPLING ENDED AT: 1629		
PUMP OR TUBING DEPTH IN WELL (feet): 42.50				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> Y N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			DUPLICATE: <input checked="" type="checkbox"/> Y N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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	26	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-9B	22	PE	250 mL	HNO ₃	None	L2/L2	Metals		Stainless ESP		≈ 1135
MW-9B	22	PE	250 mL	H ₂ SO ₄	None	L2/L2	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-9B	22	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-9B	24	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: 3/27/17 slowed pump to sample ORP = 120.4											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LOPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)




DEP 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: MAR 27 2017

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: HDPE			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 (including wet ice)			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: Not enough water to sustain flow										
ORP= No Sample										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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: MAR 27 2017

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			INITIATED AT: 1600		SAMPLING ENDED AT: 1604	
PUMP OR TUBING DEPTH IN WELL (feet): 43.00				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-10B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-10B	1	PE	250 mL	HNO ₃	None	22	Metals		Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	H ₂ SO ₄	None	22	Ammonia (350.1)		Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1135
MW-10B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: Slowed pump to sample ORP = +86.4										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)

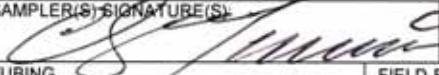
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-17B		WACS_WELL:	DATE: MAR 28 2017

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: 60.60 feet to 80.60 feet		STATIC DEPTH TO WATER (feet): 19.11		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;">= (80.60 feet - 19.11 feet) X .16 gallons/foot = 9.84 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): 20.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.00			PURGING INITIATED AT: 0913		PURGING ENDED AT: 0929		TOTAL VOLUME PURGED (gallons): 16.00	
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) <u>mg/L</u> or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0923	10.00	10.00	1.00	19.32	7.08	23.59	606	3.92	10.70	Clear	None
0924	3.00	13.00	1.00	19.32	7.10	23.60	600	3.99	1.30	Clear	None
0929	3.00	16.00	1.00	19.32	7.11	23.60	580	4.04	1.00	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(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0929		SAMPLING ENDED AT: 0933	
PUMP OR TUBING DEPTH IN WELL (feet): 20.00				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-17B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-17B	1	PE	250 mL	HNO ₃	None	12	Metals		Stainless ESP	≈ 1135
MW-17B	1	PE	250 mL	H ₂ SO ₄	None	12	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: Slowed pump to sample ORP = +152.5										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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-18B		WACS_WELL:	DATE: MAR 27 2017

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			DATING INITIATED AT: 1108		SAMPLING ENDED AT: 1112	
PUMP OR TUBING DEPTH IN WELL (feet): 85.50				TUBING MATERIAL CODE: HDPE			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"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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-18B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-18B	1	PE	250 mL	HNO ₃	None	42	Metals	Stainless ESP	≈ 1135	
MW-18B	1	PE	250 mL	H ₂ SO ₄	None	42	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-18B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-18B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: Slowed pump to sample ORP = +64.2 Native metals = 6.80										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)


DEP 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-19A		WACS_WELL:	DATE: MAR 27 2017

PURGING DATA

[illegible]

~~SAMPLING DATA~~

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER'S SIGNATURE: 			SAMPLING INITIATED AT: 1157		SAMPLING ENDED AT: 1201	
PUMP OR TUBING DEPTH IN WELL (feet): 42.50				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			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-19A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-19A	1	PE	250 mL	HNO ₃	None		Metals		Stainless ESP	≈ 1135
MW-19A	1	PE	250 mL	H ₂ SO ₄	None		Ammonia (350.1)		Stainless ESP	≈ 1135
MW-19A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1135
MW-19A	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: ORP= +203.1										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)

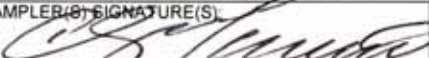
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-20B		WACS_WELL:	DATE: MAR 27 2017

PURGING DATA

WELL	TUBING	WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE					
DIAMETER (inches): 2	DIAMETER (inches): .375	DEPTH: 52.84 feet to 72.84 feet		TO WATER (feet): 59.14		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) $= (\quad 72.84 \text{ feet} - \underline{59.14} \text{ feet}) \times \quad 16 \text{ gallons/foot} = \underline{2.19} \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \qquad\qquad\qquad \text{gallons} + (\qquad\qquad\qquad \text{gallons/foot} \times \qquad\qquad\qquad \text{feet}) + \qquad\qquad\qquad \text{gallons} = \qquad\qquad\qquad \text{gallons}$											
INITIAL PUMP OR TUBING		FINAL PUMP OR TUBING		PURGING		PURGING		TOTAL VOLUME			
DEPTH IN WELL (feet): 60.00		DEPTH IN WELL (feet): 60.00		INITIATED AT: 12:18		ENDED AT: 12:54		PURGED (gallons): 13.30			
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) $\frac{\text{mg/L}}{\% \text{ saturation}}$	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1250	11.20	11.20	.35	59.20	7.82	24.77	282	4.95	19.70	Clear	None
1253	1.05	12.25	.35	59.20	7.85	24.73	281	4.99	16.90	Clear	None
1254	1.05	13.30	.35	59.20	7.85	24.66	280	4.99	14.20	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" = 0.0028; 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

SAMPLER BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER (B) SIGNATURE(S): 			SAMPLING INITIATED AT: 1256		SAMPLING ENDED AT: 1300	
PUMP OR TUBING DEPTH IN WELL (feet): 60.00				TUBING MATERIAL CODE: HDPE			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 (including wet ice)			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-20B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-20B	1	PE	250 mL	HNO ₃	None	12	Metals		Stainless ESP	≈ 1325
MW-20B	1	PE	250 mL	H ₂ SO ₄	None	12	Ammonia (350.1)		Stainless ESP	≈ 1325
MW-20B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1325
MW-20B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: Ntu@metals = 11.70 ORP = +78.4										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LOPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)

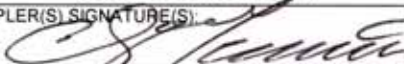
DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

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: MAR 28 2017

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 1340		SAMPLING ENDED AT: 1344			
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 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 (including wet ice)			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)	Stainless ESP	≈ 100
SW	1	PE	250 mL	HNO ₃	None	✓	Metals	Stainless ESP	≈ 1135
SW	1	PE	250 mL	H ₂ SO ₄	None	✓	Ammonia (350.1)	Stainless ESP	≈ 1135
SW	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
SW	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
REMARKS: slowed pump to sample 1C ORP = +116.3									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = Alter (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible 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)

Client Name Angelo's Recycled Materials (A0010)	Project Number 87895	Requested Turnaround Times	
Address 41111 Enterprise Road	Project Name/Desc ENTERPRISE LP A RECYC FWA BLD LAUREN & SOM, INC.)	Note: Rush requests subject to acceptance by the facility	
City/ST/Zip Dade City, FL 33525	PO # / Billing Info	<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Expedited
Tel (352) 521-3607	Reporting Contact Walker Wrenn	Due <u> </u> / <u> </u> / <u> </u>	Lab Workorder
Sample(s) Name, Affiliation (Print) <i>Chris Arnold</i>	Billing Contact John Arnold	AA01594	
Sampler(s) Signature <i>Chris Arnold</i>	Site Location / Time Zone FL/CST		

[illegible]

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Condition Upon Receipt	Acceptable	Unacceptable
ELC	3/17 9:30	[Signature]	3/17 9:30	[Signature]	3/17 1620			
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time			
		[Signature]	3-28-17 1350	[Signature]	3-28-17 1350			
		Relinquished By	Date/Time	Received By	Date/Time			
		[Signature]	3-28-17 1517	[Signature]	3/28/17 177			
		Cooler #'s & Temps on Receipt						

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



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD
10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6045
4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

www.encolabs.com

Page 1 of 2

Client Name	Angelo's Recycled Materials (AN010)	Project Number	87895
Address	41111 Enterprise Road	Project Name/Desc	ENTERPRISE LF & RECYC (F&A) AND L&R&H & SO&A (INC.)
City/ST/Zip	Dade City, FL 33525	PO # / Billing Info	
Tel	(352) 521-3807	Reporting Contact	Walker Wrahn
Sample(s) Name, Affiliation (Print)	Idol Tech	Billing Contact	John Arnold
Sample(s) Signature	Christopher Arnold	Site Location / Time Zone	FL/EST

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Mix (see codes)	Total # of Containers
	MW-18B	3-27-17	1112	Grab	GW	8
	MW-19B	3-27-17	1201	Grab	GW	8
	MW-20B	3-27-17	1300	Grab	GW	8
	BN-1B	3-27-17	1400	Grab	GW	8
	MW-7A	3-27-17	1437	Grab	GW	8
	MW-7BR	3-27-17	1513	Grab	GW	8
	MW-8B	3-27-17	1538	Grab	GW	8
	Equipment Blank	3-27-17	1546	Grab	D	8
	MW-10B	3-27-17	1604	Grab	GW	8
	MW-9B	3-27-17	1629	Grab	GW	8
	Duplicate	3-27-17	1629	Grab	GW	8
	trip blank	-	-	Grab	GW	8

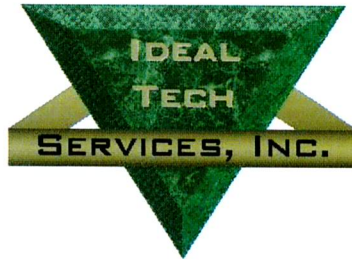
Sample Kit Prepared By	ECG	Date/Time	3/13/17 9:30
Comments/Special Reporting Requirements		Relinquished By	Handwritten Signature
		Relinquished By	Handwritten Signature
		Relinquished By	Handwritten Signature
		Cooler #s & Temps on Receipt	

Requested Turnaround Times	Requested Analyses	Preservation (See Codes) (Combine as necessary)	Sample Comments
Note: Rush requests subject to acceptance by the facility	Chloride 300, Nitrate as N 300	Ag, As, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, Hg, Mn, Ni, Pb, Se, Sr, Ti, V, Zn, Hg	
X Standard	Ammonia 350.1	8260B Appendix 1 FL	
Expedited	TDS SM2540C	8011	
Due 1/1/17			
Lab Workorder			
AA01594			

Date/Time	3/14/17 1620
Date/Time	3/24/17 1517
Date/Time	3/24/17 1517
Condition Upon Receipt	Acceptable
Unacceptable	

Matrix: GW-Groundwater SO-Sol 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

Attachment 5
2017, 1st Quarter Landfill Gas Data



Mr. John Arnold, P.E.
Angelo's Recycled Materials
41111 Enterprise Road
Dade City, Fl 33525-1539

March 28, 2017

Subject Site: Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials) First Quarter 2017 LEL Data

Dear Mr. Arnold,

Ideal Tech services, Inc. (ITS) is pleased to present the following notes pertaining to the site of Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials). The first quarterly landfill gas monitoring event of 2017 was performed on 03/28/2017.

03/28/17 Tuesday:

ITS personnel C. Monaco completed calibration of the gas meter and entered the site to begin landfill gas monitoring. On this day, all of the Landfill Gas wells and the Scale House were measured for % LEL as required by the permit. The results of the measurements are presented in the table located in Attachment A. The instrument calibration was performed at the site and the calibration record for the instrument is included in Attachment B.

ITS personnel logged offsite.

Please don't hesitate to contact us with any questions you may have about the enclosed documents.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "C. Monaco", is written over a light blue horizontal line.

Christopher J. Monaco
Ideal Tech Services, Inc.

Enc: Attachment A, LANDFILL GAS MEASUREMENTS
Attachment B, EQUIPMENT CALIBRATION LOG

Attachment A

LANDFILL GAS MEASUREMENTS

**LANDFILL GAS READINGS ENTERPRISE CLASS III
LANDFILL AND RECYCLING FACILITY
FIRST QUARTER 2017**

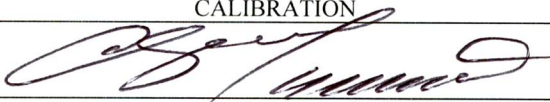
LOCATION	% LEL	REMARKS
GP-1	-	not installed at this time
GP-2	-	not installed at this time
GP-3	-	not installed at this time
GP-4	-	not installed at this time
GP-5	-	not installed at this time
GP-6	0%	
GP-7	0%	
GP-8	0%	
GP-9	-	abandoned
GP-9R	0%	
GP-10R	0%	
GP-11	0%	
GP-12	0%	well marked 12A
GP-13	0%	well marked 13A
GP-14	0%	
GP-15	0%	
GP-16	-	not installed at this time
SCALE HOUSE	0%	staff occupied structure
Date of measurement 03/28/17		

Attachment B

EQUIPMENT CALIBRATION LOGS

LANDFILL GAS CALIBRATION RECORD

ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY FIRST QUARTERLY 2017

IDEAL TECH SERVICES, INC. W.O.# ARM-EL-35 BW Technologies Model: GasAlert Max XT II, Serial # MA212-42142		
Date: 03/28/17	START	END
20 % LEL	20.0%	20.0%
Zero Air	0.0	0.0
Ambient Background	0.0	0.0
Within Limits Yes or No		YES
PRINTED NAME OF PERSON WHO PERFORMED CALIBRATION		SIGNATURE OF PERSON WHO PERFORMED CALIBRATION
Chris Monaco		
Calibration gases prepared by Pine Environmental. Zero Air = Lot Number BBH-1-2 EXP 01/20/2021, 20% LEL Methane Lot Number BBH-135A-1-9 EXP 01/20/2021		