



## **Compliance Monitoring Report – Second Semiannual 2015**

**Enterprise Class III  
Landfill and Recycling Facility**

**DEP Permit No.: 177982-020-SC/T3**





October 19, 2015

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

RE: Compliance Monitoring Report – Second Semiannual 2015  
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 second 2015 semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on September 21, 22 and 23, 2015.

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-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.

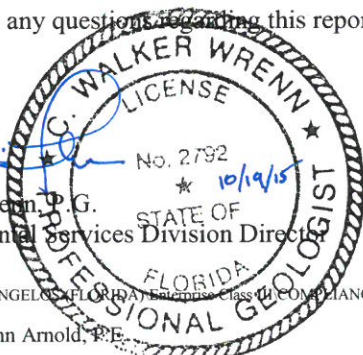
Monitoring wells BW-1A, MW-8, MW-9 and MW-10 are surficial aquifer monitoring wells. Water levels within the surficial aquifer may not be laterally continuous in all areas. Each monitoring location with a dry surficial aquifer well has an existing Floridan aquifer well installed in cluster. Groundwater 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 current facility permit.

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

Sincerely,

Walker Wrenn, P.G.  
Environmental Services Division Director



P:\P Drive Files\ANGELOS\FLORIDA\Enterprise Class III\COMPLIANCE MONITORING\2015\15S2\Figures\15S2\_letter.doc

Xc: John Arnold, P.E.

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





# 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

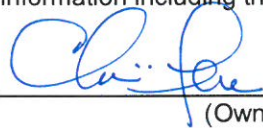
### PART I GENERAL INFORMATION

- (1) Facility Name Enterprise Class III Landfill and Recycling Facility  
Address 41111 Enterprise Road  
City Dade City, Florida Zip 3325 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 John Locklear, P.G. Title President  
Address 4140 NW 37th Place, Suite A  
City Gainesville, Florida Zip 32606 County Alachua  
Telephone Number (352 ) 672-6867  
Email address (if available) john@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.

10/19/15  
(Date)

 for John Locklear  
(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) \_\_\_\_\_

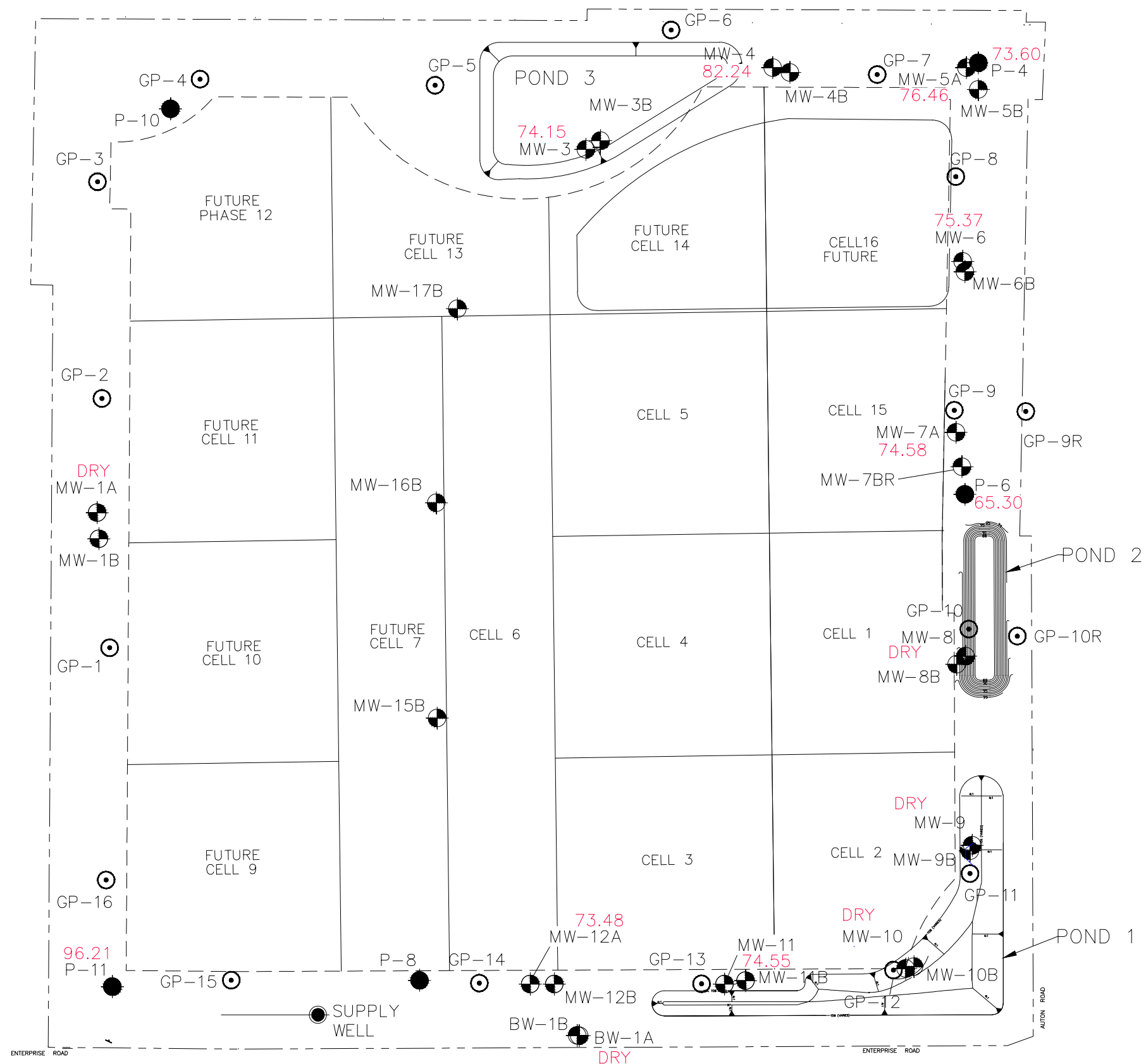
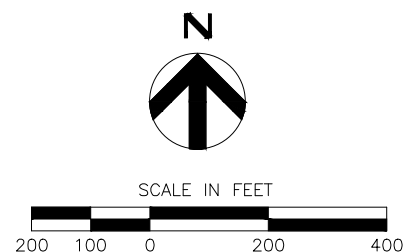
**Attachment 1**  
**Groundwater Elevation Data and Groundwater Contour Maps**

## GROUNDWATER ELEVATION DATA


### Enterprise Class III Landfill and Recycling Facility 2015 - Second 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	NA	NA
BW-1A	122.50	dry	NA	dry	NA
MW-1B	174.11	100.14	73.97	NS	NS
BW-1B	122.82	48.75	74.07	48.79	74.03
MW-3	85.39	11.24	74.15	11.24	74.15
MW-3B	84.80	10.66	74.14	10.66	74.14
MW-4	100.59	18.35	82.24	18.38	82.21
MW-4B	100.87	26.70	74.17	26.72	74.15
MW-5A	86.74	10.28	76.46	10.28	76.46
MW-5B	85.70	11.64	74.06	11.64	74.06
MW-6	88.65	13.28	75.37	13.45	75.20
MW-6B	89.10	14.91	74.19	14.95	74.15
MW-7A	100.72	26.14	74.58	26.14	74.58
MW-7BR	103.27	29.14	74.13	29.14	74.13
MW-8	100.10	dry	NA	dry	NA
MW-8B	108.52	34.37	74.15	34.37	74.15
MW-9	108.00	dry	NA	dry	NA
MW-9B	109.75	35.42	74.33	35.42	74.33
MW-10	111.62	dry	NA	dry	NA
MW-10B	110.00	35.70	74.30	35.70	74.30
MW-11	104.45	29.90	74.55	NS	NS
MW-11B	106.11	32.04	74.07	NS	NS
MW-12A	121.43	47.59	73.84	NS	NS
MW-12B	121.84	47.48	74.36	NS	NS
MW-15B	147.87	43.05	104.82	43.05	104.82
MW-16B	138.01	35.42	102.59	35.42	102.59
MW-17B	87.21	12.91	74.30	12.91	74.30
P-4	84.55	10.95	73.60	NS	NS
P-6	94.16	28.86	65.30	NS	NS
P-8	133.94	61.51	72.43	NS	NS
P-10	132.60	58.56	74.04	NS	NS
P-11	150.76	54.55	96.21	NS	NS
SUPPLY WELL	NM	NM	NM	NS	NS


NS = Not sampled  
 NM = Not measured  
 NA = Not Available




LEGEND

 MW-4B


MONITORING WELL LOCATION

 74.17


GROUNDWATER ELEVATION

 GP-1


GAS PROBE LOCATION

 P-11


SUPPLY WELL LOCATION

 MW-12A


PIEZOMETER WELL LOCATION

 MW-18B


WATER LEVEL ONLY WELL LOCATION

 MW-18B


FUTURE MONITOR WELL LOCATION\*\*

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PROPERTY BOUNDARY

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LANDFILL LIMITS

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
CELL BOUNDARY

 74.1

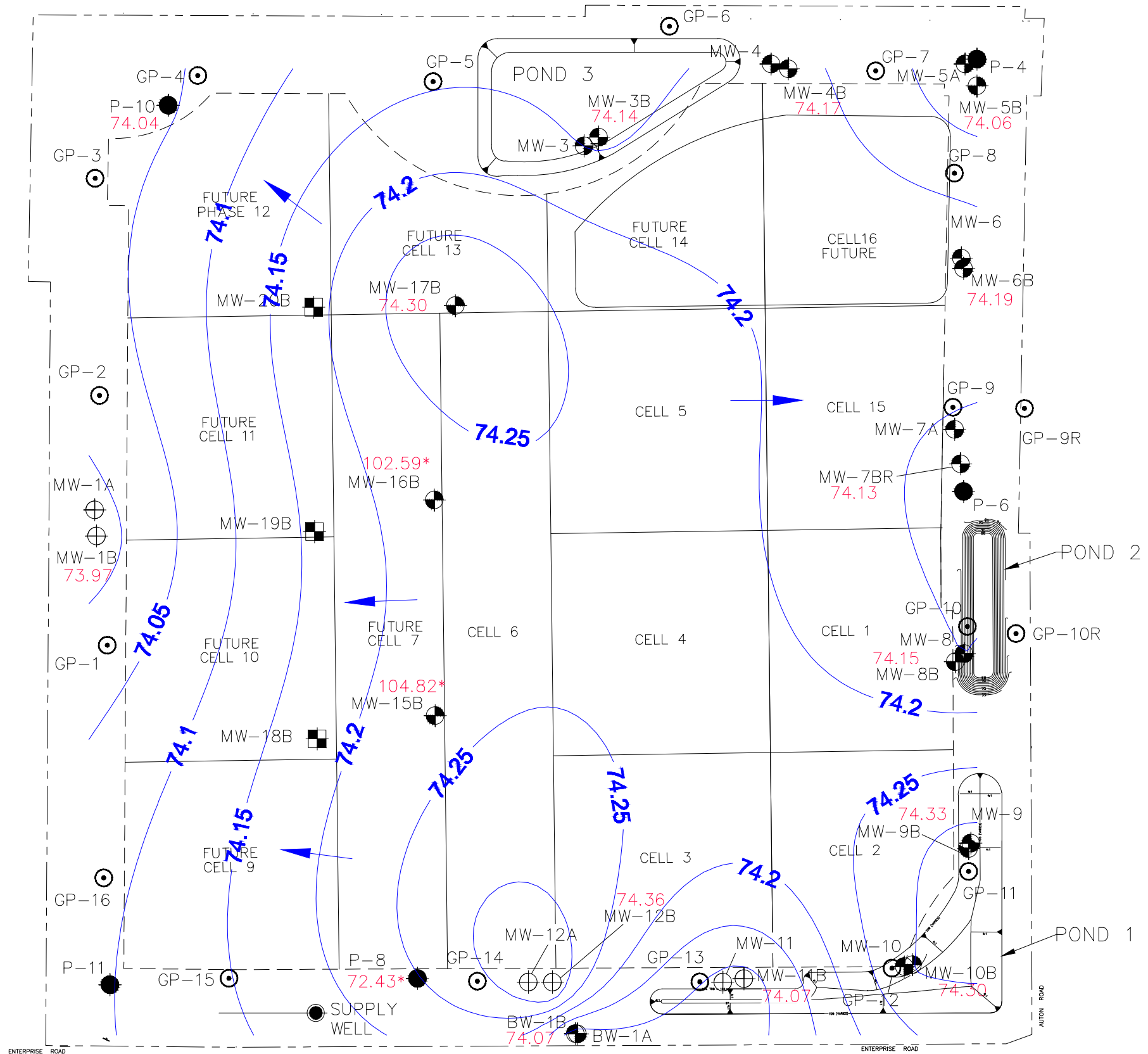
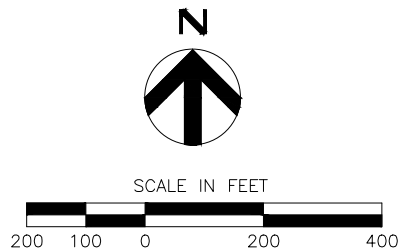
GROUNDWATER CONTOUR LINE (0.05' INTERVALS)

 \*

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

#### 2015 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	COLLECTION	pH (FIELD)	IRON
STANDARD	DATE	6.5-8.5 s.u.**	300 µg/L**
UNITS	M/D/Y	S.U.	µg/L
Background			
BW-1B	9/23/2015	-	-
Detection			
MW-3	9/22/2015	-	-
MW-3B	9/22/2015	-	-
MW-4	9/23/2015	6.15	-
MW-4B	9/23/2015	-	-
MW-5A	9/22/2015	5.38	-
MW-5B	9/22/2015	-	-
MW-6	9/23/2015	5.56	-
MW-6B	9/23/2015	-	-
MW-7A	9/21/2015	4.83	1630
MW-7BR	9/21/2015	-	-
MW-8B	9/21/2015	-	5030
MW-8B DUP	9/21/2015	NM	5020
MW-9B	9/21/2015	-	-
MW-10B	9/21/2015	6.21	-
MW-15B	9/22/2015	-	-
MW-16B	9/22/2015	10.48	-
MW-17B	9/22/2015	-	-
Other, Water Supply			
Supply Well	9/22/2015	-	-
QAQC			
EQUBLK	9/21/2015	NM	-
TRIP1	9/22/2015	NM	NM
TRIP2	9/23/2015	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****2015 - Second Semiannual Compliance Monitoring Sampling Results**

PARAMETER		CONDUCTIVITY	DISSOLVED OXYGEN	pH (FIELD)	TEMPERATURE	TURBIDITY (FIELD)
STANDARD	COLLECTION	1	1	6.5-8.5 s.u.**	1	1
UNITS	DATE	umhos/cm	mg/L	S.U.	deg C	NTU
Background						
BW-1B	9/23/2015	273	8.1	6.92	24.44	0.2
Detection						
MW-3	9/22/2015	510	3.7	6.88	26.06	0.4
MW-3B	9/22/2015	403	1.47	7.06	24.51	0.2
MW-4	9/23/2015	607	3.32	6.15	24.71	10
MW-4B	9/23/2015	306	3.13	7.47	23.88	0.2
MW-5A	9/22/2015	88	4.53	5.38	26.32	1.5
MW-5B	9/22/2015	287	3.6	6.99	23.71	2.7
MW-6	9/23/2015	73	5.56	5.56	24.63	2.1
MW-6B	9/23/2015	273	2.55	7.29	23.89	0.2
MW-7A	9/21/2015	177	0.27	4.83	26.53	4.5
MW-7BR	9/21/2015	293	1.23	7.3	24.69	2.5
MW-8B	9/21/2015	608	0.1	6.62	26.73	0.5
MW-8B DUP	9/21/2015	-	-	-	-	-
MW-9B	9/21/2015	554	1.4	6.64	26.67	0.6
MW-10B	9/21/2015	338	0.24	6.21	25.78	0.2
MW-15B	9/22/2015	613	0.56	6.74	24.78	4.5
MW-16B	9/22/2015	350	6.94	10.48	24.04	6.3
MW-17B	9/22/2015	470	5.1	7.3	23.54	1.3
Other, Water Supply						
Supply Well	9/22/2015	381	1	7.16	23.99	0.4

**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

### 2015 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	AMMONIA as NITROGEN	CHLORIDE	NITRATE as N	TDS	BARIUM	CHROMIUM
STANDARD	2.8 mg/L***	250 mg/L**	10 mg/L*	500 mg/L**	2000 µg/L*	100 µg/L*
UNITS	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
Background						
BW-1B	<0.0073	15	6.5	180	<20.0	<4.50
Detection						
MW-3	<0.0073	4.8 I	0.50 I	250	<20.0	<4.50
MW-3B	<0.0073	4.8 I	0.60 I	220	<20.0	<4.50
MW-4	<0.0073	4.7 I	<0.052	340	<20.0	<4.50
MW-4B	<0.0073	3.7 I	0.55 I	180	<20.0	<4.50
MW-5A	<0.0073	2.4 I	0.43 I	44	<20.0	<4.50
MW-5B	<0.0073	2.9 I	0.90 I	150	<20.0	<4.50
MW-6	<0.0073	2.1 I	0.87 I	54	<20.0	<4.50
MW-6B	<0.0073	3.2 I	0.91 I	150	<20.0	<4.50
MW-7A	0.018 I	10	<0.052	56	<20.0	<4.50
MW-7BR	<0.0073	3.8 I	0.82 I	130	<20.0	<4.50
MW-8B	1.0	8.5	<0.052	290	100	<4.50
MW-8B DUP	0.99	8.4	<0.052	290	102	<4.50
MW-9B	0.078	5.9	4.6	270	<20.0	<4.50
MW-10B	<0.0073	4.5 I	0.95 I	200	<20.0	<4.50
MW-15B	<0.0073	11	1.7	330	<20.0	<4.50
MW-16B	<0.0073	12	4.7	96	156	7.01 I
MW-17B	<0.0073	5.9	2.6	240	<20.0	<4.50
Other, Water Supply						
Supply Well	<0.0073	12	4.9	210	<20.0	<4.50

#### **LEGEND**

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J = Estimated value

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## Enterprise Class III Landfill and Recycling Facility

### Parameters At or Above Laboratory Detection Limit

#### 2015 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	IRON	MERCURY	SODIUM	VANADIUM
STANDARD	300 µg/L**	2 µg/L*	160 mg/L*	49 µg/L***
UNITS	µg/L	µg/L	mg/L	µg/L
Background				
BW-1B	<38.0	<0.0230	7.32	<2.00
Detection				
MW-3	<38.0	<0.0230	6.45	3.71 I
MW-3B	<38.0	<0.0230	4.84	4.36 I
MW-4	231	<0.0230	13.1	<2.00
MW-4B	<38.0	<0.0230	4.45	<2.00
MW-5A	<38.0	<0.0230	2.76	<2.00
MW-5B	<38.0	<0.0230	3.50	5.82 I
MW-6	53.5	<0.0230	3.09	<2.00
MW-6B	<38.0	<0.0230	3.67	3.15 I
MW-7A	1630	0.0324 I	6.80	2.12 I
MW-7BR	<38.0	<0.0230	3.69	9.65 I
MW-8B	5030	<0.0230	7.60	<2.00
MW-8B DUP	5020	<0.0230	7.92	<2.00
MW-9B	<38.0	<0.0230	6.76	4.96 I
MW-10B	79.7	<0.0230	5.15	4.13 I
MW-15B	<38.0	<0.0230	7.79	4.11 I
MW-16B	<38.0	<0.0230	10.4	5.20 I
MW-17B	<38.0	<0.0230	5.95	2.21 I
Other, Water Supply				
Supply Well	<38.0	<0.0230	6.99	4.49 I

#### LEGEND

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

J = Estimated value

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Q = Estimated value; analyte analyzed after acceptable holding time

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

**Attachment 4**  
**Field Forms**


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>SUPPLY WELL (SW)</b>	WACS_WELL: 21326	DATE: <b>SEP 22 2015</b>	

## 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: 1201		SAMPLING ENDED AT: 1210	
PUMP OR TUBING DEPTH IN WELL (feet): In Place Plumbing				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				SAMPLE PUMP FLOW RATE (mL per minute)
SW	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	In Place Plumbing		≈ 100
SW	1	PE	250 mL	HNO <sub>3</sub>	None	✓	Metals	In Place Plumbing		≈ 1892
SW	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	✓	Ammonia (350.1)	In Place Plumbing		≈ 1892
SW	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	In Place Plumbing		≈ 1892
SW	2	CG	40 mL	4° C	None	Not Req'd	8011	In Place Plumbing		≈ 100
REMARKS:										
ORP = +81.1										
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; 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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $+ 5$  NTU or  $+ 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>BW-1A</b>	WACS_WELL:	DATE:	<b>SEP 21 2015</b>

## 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 type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ $\mu$ m	
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				
BW-1A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	$\approx$ 100
BW-1A	1	PE	250 mL	HNO <sub>3</sub>	None		Metals		Stainless ESP	$\approx$
BW-1A	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None		Ammonia (350.1)		Stainless ESP	$\approx$
BW-1A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	$\approx$
BW-1A	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	$\approx$ 100
REMARKS: water begins @ >1,000 NTU at lowest achievable flow rate NTU @ 4 gallons = 388 DTW = 62.30 NO sample ORP = purged approx. 12 gallons before well purged dry NTU >1,000										
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $+ 5$  NTU or  $+ 10\%$  (whichever is greater)

Revision Date: February 12, 2009




## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>BW-1B</b>		WACS_WELL:	DATE: <b>SEP 23 2015</b>

## 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: 1202	
PUMP OR TUBING DEPTH IN WELL (feet): 50.50				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"/> Y <input type="checkbox"/> N <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>							DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
BW-1B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
BW-1B	1	PE	250 mL	HNO <sub>3</sub>	None	7.2	Metals		Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	7.2	Ammonia (350.1)		Stainless ESP	≈ 1135
BW-1B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1135
BW-1B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: Slowed pump to sample										
ORP = +93.8										
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $< 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $< 20$  NTU; optionally  $+ 5$  NTU or  $+ 10\%$  (whichever is greater)

Revision Date: February 12, 2009

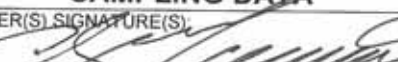
Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-3</b>		WACS_WELL: 19571	DATE: <b>SEP 22 2015</b>

## 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: 1108		SAMPLING ENDED AT: 1114	
PUMP OR TUBING DEPTH IN WELL (feet): 12.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ µm	
PUMP DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> N (replaced)			FILTRATION EQUIPMENT TYPE:			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			DUPLICATE: Y <input checked="" type="checkbox"/> N			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
MW-3	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	pp	≈ 100	
MW-3	1	PE	250 mL	HNO <sub>3</sub>	None	4.2	Metals	pp	≈ 378	
MW-3	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	4.2	Ammonia (350.1)	pp	≈ 378	
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	pp	≈ 378	
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011	pp	≈ 100	
REMARKS:										

REMARKS: ITS PPS

ORP = +91.7

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

Revision Date: February 12, 2009

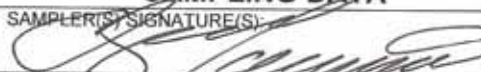
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-3B</b>		WACS_WELL: 21964	DATE: <b>SEP 22 2015</b>

## 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: 1136		SAMPLING ENDED AT: 1141	
PUMP OR TUBING DEPTH IN WELL (feet): 11.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		Filtration Equipment Type: _____	
FIELD DECONTAMINATION: PUMP Y <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-3B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		PP	≈ 100
MW-3B	1	PE	250 mL	HNO <sub>3</sub>	None	7.2	Metals		PP	≈ 833
MW-3B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	7.2	Ammonia (350.1)		PP	≈ 833
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		PP	≈ 833
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011		PP	≈ 100
REMARKS: ITSPY										
ORP= +73.0										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009



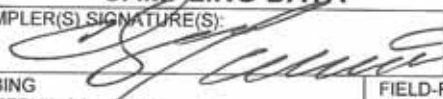
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-4</b>	WACS_WELL: 19572		DATE: <b>SEP 23 2015</b>

## 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: 1012		SAMPLING ENDED AT: 1018		
PUMP OR TUBING DEPTH IN WELL (feet): 23.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" 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-4	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-4	1	PE	250 mL	HNO <sub>3</sub>	None	6.2	Metals		Stainless ESP		≈ 378
MW-4	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	6.2	Ammonia (350.1)		Stainless ESP		≈ 378
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 378
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: DTW @ sample end = 21.76 HTW @ sample end = 10.10 ORP = +99.9 HTW @ sample end = 9/23/15											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

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

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

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

Revision Date: February 12, 2009




## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-4B</b>		WACS_WELL: 21965	
		DATE: <b>SEP 23 2015</b>	

## 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: 0957		SAMPLING ENDED AT: 1002	
PUMP OR TUBING DEPTH IN WELL (feet): 27.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		Filtration Equipment Type: _____	
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				SAMPLE PUMP FLOW RATE (mL per minute)
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 <sub>3</sub>	None		Metals	Stainless ESP	= 1135	
MW-4B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None		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= +78.2										
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-5A</b>	WACS_WELL: 19573	DATE: <b>SEP 22 2015</b>	

## 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: 1403		SAMPLING ENDED AT: 1407	
PUMP OR TUBING DEPTH IN WELL (feet): 12.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <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		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)		PP	≈ 100
MW-5A	1	PE	250 mL	HNO <sub>3</sub>	None	< 2	Metals		PP	≈ 341
MW-5A	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	< 2	Ammonia (350.1)		PP	≈ 341
MW-5A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		PP	≈ 341
MW-5A	2	CG	40 mL	4° C	None	Not Req'd	8011		PP	≈ 100
REMARKS:										
ORP= +195.2										
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $+ 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009



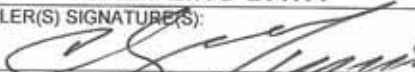
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-5B</b>		WACS_WELL: 19574	DATE: <b>SEP 22 2015</b>

## 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: 1441		SAMPLING ENDED AT: 1446	
PUMP OR TUBING DEPTH IN WELL (feet): 12.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Filtration Equipment Type: _____	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-5B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	= 100
MW-5B	1	PE	250 mL	HNO <sub>3</sub>	None	< 2	Metals		Stainless ESP	= 1892
MW-5B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	< 2	Ammonia (350.1)		Stainless ESP	= 1892
MW-5B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	= 1892
MW-5B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	= 100
REMARKS:										
ORP= +65.1										
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 = 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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

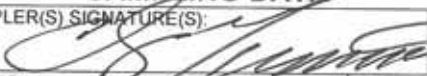
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-6		WACS_WELL: 19575	DATE: SEP 23 2015

## 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: 1043		SAMPLING ENDED AT: 1049	
PUMP OR TUBING DEPTH IN WELL (feet): 25.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP 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-6	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	pp	≈ 100	
MW-6	1	PE	250 mL	HNO <sub>3</sub>	None	12	Metals	pp	≈ 378	
MW-6	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	12	Ammonia (350.1)	pp	≈ 378	
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	pp	≈ 378	
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011	pp	≈ 100	
REMARKS:										
ORP = +193.2										
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009



## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-6B</b>		WACS_WELL:	DATE: <b>SEP 23 2015</b>

## PURGING DATA

[illegible]

## SAMPLING DATA

[illegible]

REMARKS:

ORP = 761.2

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

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

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

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

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

Revision Date: February 12, 2009

## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-7A</b>		WACS_WELL: 19576	DATE: <b>SEP 21 2015</b>

## PURGING DATA

[illegible]

### SAMPLING DATA

[illegible]

REMARKS: Purge water has a sheen

ORP = +156.1

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

Revision Date: February 12, 2009

## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-7BR</b>		WACS_WELL: 22592	DATE: <b>SEP 21 2015</b>

## 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: 1417	SAMPLING ENDED AT: 1422
PUMP OR TUBING DEPTH IN WELL (feet): 30.00				TUBING MATERIAL CODE: PE	FIELD FILTERED: Y N Filtration Equipment Type:		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP [Y] N				TUBING Y N (replaced)		DUPLICATE: Y N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7BR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-7BR	1	PE	250 mL	HNO <sub>3</sub>	None	L2	Metals	Stainless ESP	≈ 1135
MW-7BR	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	L2	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: Slowed pump to sample

ORP= +45.6

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

Revision Date: February 12, 2009



## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-8</b>		WACS_WELL: 19578	DATE: <b>SEP 21 2015</b>

## PURGING DATA

[illegible]

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				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 type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-8	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-8	1	PE	250 mL	HNO <sub>3</sub>	None		Metals	Stainless ESP	≈	
MW-8	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	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:										
ORP= <div style="text-align: right; font-size: 2em; font-family: cursive;">Dry well</div>										
<b>MATERIAL CODES:</b> AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
<b>SAMPLING EQUIPMENT CODES:</b> 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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-8B</b>		WACS_WELL: 21323	DATE: <b>SEP 21 2015</b>

## 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: 1335		SAMPLING ENDED AT: 1344	
PUMP OR TUBING DEPTH IN WELL (feet): 35.50				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: <input checked="" type="checkbox"/> 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-8B	26	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP	≈ 100
MW-8B	12	PE	250 mL	HNO <sub>3</sub>	None	12/12	Metals		Stainless ESP	≈ 1135
MW-8B	12	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	12/12	Ammonia (350.1)		Stainless ESP	≈ 1135
MW-8B	12	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP	≈ 1135
MW-8B	24	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP	≈ 100
REMARKS: slowed pump to sample										
ORP= -102.7										
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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009

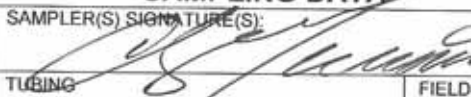
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-9</b>		WACS_WELL: 19579	DATE: <b>SEP 21 2015</b>

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				 TUBING MATERIAL CODE: <u>PE</u>			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm	
PUMP OR TUBING DEPTH IN WELL (feet):							Filtration Equipment Type:			
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-9	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-9	1	PE	250 mL	HNO <sub>3</sub>	None		Metals	Stainless ESP	≈	
MW-9	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	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= _____ <span style="float: right; font-size: 1.5em;">Dry well</span>										
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009



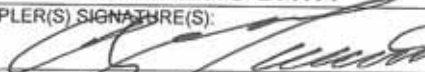
## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-9B</b>		WACS_WELL: 21324	DATE: <b>SEP 21 2015</b>

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.							255		1300	
PUMP OR TUBING DEPTH IN WELL (feet): 36.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Filtration Equipment Type: _____	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-9B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-9B	1	PE	250 mL	HNO <sub>3</sub>	None	12	Metals	Stainless ESP	≈ 1135	
MW-9B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	12	Ammonia (350.1)	Stainless ESP	≈ 1135	
MW-9B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135	
MW-9B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100	
REMARKS: Slowed pump to sample Sheen										
ORP = +48.2										
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-10</b>		WACS_WELL: 19580	DATE: <b>SEP 21 2010</b>

## 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 type="checkbox"/> N <input checked="" 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-10	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-10	1	PE	250 mL	HNO <sub>3</sub>	None		Metals	Stainless ESP	≈	
MW-10	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	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 style="text-align: right; font-size: 2em; font-family: cursive;">Dry well</div>										
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $< 20$  NTU; optionally  $+ 5$  NTU or  $+ 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-10B</b>		WACS_WELL: 21325	DATE: <b>SEP 21 2015</b>

## 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: 1222		SAMPLING ENDED AT: 1227		
PUMP OR TUBING DEPTH IN WELL (feet): 36.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> N <input checked="" type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-10B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-10B	1	PE	250 mL	HNO <sub>3</sub>	None	62	Metals		Stainless ESP		≈ 1135
MW-10B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	62	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= +28.1											
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009


## Form FD 9000-24

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-15B</b>	WACS_WELL:		DATE: <b>SEP 22 2015</b>

## 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: 0930		SAMPLING ENDED AT: 0935		
PUMP OR TUBING DEPTH IN WELL (feet): 44.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP <input type="checkbox"/> N <input checked="" type="checkbox"/> TUBING Y <input 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-15B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)		Stainless ESP		≈ 100
MW-15B	1	PE	250 mL	HNO <sub>3</sub>	None	L2	Metals		Stainless ESP		≈ 1135
MW-15B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	L2	Ammonia (350.1)		Stainless ESP		≈ 1135
MW-15B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS		Stainless ESP		≈ 1135
MW-15B	2	CG	40 mL	4° C	None	Not Req'd	8011		Stainless ESP		≈ 100
REMARKS: Slowed pump to sample											
ORP = +66.7											
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:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $< 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $< 20$  NTU; optionally  $+ 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009



## GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: <b>MW-16B</b>		WACS_WELL:	DATE: <b>SEP 22 2015</b>

## PURGING DATA

[illegible]

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				<i>[Signature]</i>			1002		1007	
PUMP OR TUBING DEPTH IN WELL (feet): 36.50				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 <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-16B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-16B	1	PE	250 mL	HNO <sub>3</sub>	None	22	Metals	Stainless ESP	≈ 1135	
MW-16B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	None	42	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= -75.4										
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; 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:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Revision Date: February 12, 2009




## GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill		SITE LOCATION: Pasco County, Florida	
WELL NO: MW-17B		WACS_WELL:	DATE: SEP 22 2015

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.							1038		1043	
PUMP OR TUBING DEPTH IN WELL (feet): 14.00				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 <input type="checkbox"/> TUBING Y <input type="checkbox"/> N (replaced) <input checked="" 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-17B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100	
MW-17B	1	PE	250 mL	HNO <sub>3</sub>	None	12	Metals	Stainless ESP	≈ 1135	
MW-17B	1	PE	250 mL	H <sub>2</sub> SO <sub>4</sub>	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= +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 = 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 a final report.										

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

Revision Date: February 12, 2009



# CALIBRATION LOG

CLIENT: Angelo's Recycled Materials  
ADDRESS: 41111 Enterprise Road  
CITY, STATE: Dade City, FL 33525-1539  
START CAL DATE @ TIME: 09/21/15 @ 0700

ITS Work Order Number: ARM-EL-26-092115

Site: Enterprise Class III Landfill

END CALIBRATION DATE @ TIME: 09/21/15 @ 1815

Page 1 of 3

## YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.31

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	✓	CC352086	Jun-17			LOW	HIGH		
7.000	7.00	7.02	7.00	CC337816	Apr-17	LOW	5.20	5.22		NA	08/14/15
10.012	10.01	9.99	✓	CC356378	Jul-17	HIGH	29.10		29.13		08/14/15

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	.18	5AD752	Apr-16
fresh air @				
22.30 °C	8.66			
28.10 °C		7.79		

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	4AH167	Aug-15
2,764	2,764	2,770	5GE1005	May-16
447	NM	NM	No Stock	No Stock
84	84	84	5AB751	Feb-16

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	201	5GE701	Feb-16
400	400	402	5AC983	Mar-16

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:

Weather Conditions: Sunny 85-90°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #041915109WF2331830

Exp Date 10/31/16

Equipment Blank Data - Collected @ 1235 ITS 553

pH = ✓ Cond = ✓

Temp = ✓ D.O. = ✓

Turbidity = ✓

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 41053

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.31 on 8/14/15: Update for new standard (s)

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-26-092215

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

Site: Enterprise Class III Landfill

START CAL DATE @ TIME: 09/22/15 @ 0700

END CALIBRATION DATE @ TIME: 09/22/15 @ 1700

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## YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.31

### pH Sensor Per DEP-SOP-001/01 FT 1100

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.00	3.99	✓	CC352086	Jun-17
7.000	7.00	7.02	7.00	CC337816	Apr-17
10.012	10.01	9.99	✓	CC356378	Jul-17

Standards are prepared by OAKTON.

Liquid Temp: N/A

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

STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
0.00	.18	.18	5AD752	Apr-16
fresh air @				
22.89 °C	8.42			
27.79 °C		7.80		

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

### ORP Sensor Per DEP-SOP-001/01 FT 2100

STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
200	200	202	5GE701	Feb-16
400	400	401	5AC983	Mar-16

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)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
1000	NM	NM	See Below	Oct-16
100	100	100	See Below	Oct-16
10	10	10	See Below	Oct-16
0.02	.02	.02	See Below	Oct-16

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 41053

### Temperature Sensor Per DEP-SOP-001/01 FT 1400

STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	LOW	HIGH		
LOW 5.20	5.22		NA	08/14/15
HIGH 29.10		29.13		08/14/15

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

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

STANDARD "mhos	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
8,974	NM	NM	4AH167	Aug-15
2,764	2764	2779	5GE1005	May-16
447	NM	NM	No Stock	No Stock
84	84	84	5AB751	Feb-16

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

### 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:

Weather Conditions: Sunny 85-90°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #041915109WF2331830

Exp Date 10/31/16

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 5.31 on 8/14/15: Update for new standard (s)

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-26-092315

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539

Site: Enterprise Class III Landfill

START CAL DATE @ TIME: 09/23/15 @ 0740

END CALIBRATION DATE @ TIME: 09/23/15 @ 1600

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## YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.31

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	✓	CC352086	Jun-17			LOW	HIGH		
7.000	7.00	7.01	7.00	CC337816	Apr-17	LOW	5.20	5.22		NA	08/14/15
10.012	10.01	10.00	✓	CC356378	Jul-17	HIGH	29.10		29.13		08/14/15

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	.18	5AD752	Apr-16
fresh air @				
22.46 °C	8.43			
28.49 °C		7.73		

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	4AH167	Aug-15
2,764	2764	2776	5GE1005	May-16
447	NM	NM	No Stock	No Stock
84	84	84	5AB751	Feb-16

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	202	5GE701	Feb-16
400	400	401	5AC983	Mar-16

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:

Weather Conditions: Overcast 85-90°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #041915109WF2331830

Exp Date 10/31/16

Equipment Blank Data - Collected @ none collected

pH = ✓ Cond = ✓

Temp = ✓ D.O. = ✓

Turbidity = ✓

### 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	Oct-16
100	100	100	See Below	Oct-16
10	10	10	See Below	Oct-16
0.02	.02	.02	See Below	Oct-16

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 41053

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.31 on 8/14/15: Update for new standard (s)

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





## ENVIRONMENTAL CONSERVATION LABORATORIES

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

## CHAIN-OF-CUSTODY RECORD

102-A Woodwinds Industrial Ct.

Cary, NC 27511

(919) 467-3090 Fax (919) 467-3515

www.encolabs.com

Page 1 of 2

Client Name <b>Angelo's Recycled Materials (AN010)</b>		Project Number <b>87895</b>		Requested Analyses								Requested Turnaround Times			
Address <b>41111 Enterprise Road</b>		Project Name/Desc <b>ENTERPRISE LP &amp; RECYC (FKA SID LARKIN &amp; SON, INC.)</b>		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 SM2540C							Note: Rush requests subject to acceptance by the facility  <input checked="" type="checkbox"/> Standard  <input type="checkbox"/> Expedited  Due ___/___/___
City/ST/Zip <b>Dade City, FL 33525</b>		PO # / Billing Info													
Tel <b>(352) 339-1408</b>		Reporting Contact <b>John Arnold</b>													
Fax		Billing Contact <b>John Arnold</b>													
Sampler(s) Name, Affiliation (Print) <b>Chris Novaco Idral Tech Services Inc.</b>		Site Location / Time Zone <b>FL/EST</b>													
Sampler(s) Signature <i>[Signature]</i>				Lab Workorder <b>A505917</b>											

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I							Sample Comments
	MW-10B	9-21-15	1227	Grab	GW	8	2	3	1	1	1							
	Equipment Blank	9-21-15	1235	Grab	O	8	2	3	1	1	1							0- DI Water
	MW-9B	9-21-15	1300	Grab	GW	8	2	3	1	1	1							
	MW-8B	9-21-15	1344	Grab	GW	8	2	3	1	1	1							
	Duplicate	9-21-15	1344	Grab	GW	8	2	3	1	1	1							
	MW-7BR	9-21-15	1422	Grab	GW	8	2	3	1	1	1							
	MW-7A	9-21-15	1458	Grab	GW	8	2	3	1	1	1							
	MW-15B	9-22-15	0935	Grab	GW	8	2	3	1	1	1							
	MW-16B	9-22-15	1007	Grab	GW	8	2	3	1	1	1							
	MW-17B	9-22-15	1043	Grab	GW	8	2	3	1	1	1							
	MW-3	9-22-15	1114	Grab	GW	8	2	3	1	1	1							
	MW-3B	9-22-15	1141	Grab	GW	8	2	3	1	1	1							

Sample Kit Prepared By <b>SR</b>	Date/Time <b>9/17/15 1323</b>	Relinquished By <i>[Signature]</i>	Date/Time <b>9/17/15 1323</b>	Received By <i>[Signature]</i>	Date/Time <b>9/19/15 0930</b>
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time <b>9/22/15 1215</b>	Received By <b>Karen LeBeau</b>	Date/Time <b>9/22/15 1215</b>
		Relinquished By <b>Karen LeBeau</b>	Date/Time <b>9/22/15 1325</b>	Received By <i>[Signature]</i>	Date/Time <b>9/22 1325</b>
	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)

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





102-A Woodwinds Industrial Ct.

Cary, NC 27511

(904) 296-3007 Fax (904) 296-6210

(919) 467-3090 Fax (919) 467-3515

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Page 2 of 2

[illegible]

Sample Kit Prepared By <i>SR</i>	Date/Time 09/17/15 1323	Relinquished By <i>[Signature]</i>	Date/Time 09/17/15 1323	Received By <i>[Signature]</i>	Date/Time 9/19/15 0930
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 9/22/15 1215	Received By <i>Hauun LeBeau</i>	Date/Time 9/22/15 1215
		Relinquished By <i>Hauun LeBeau</i>	Date/Time 9/22/15 1325	Received By <i>[Signature]</i>	Date/Time 9/22 1325
	Cooler #'s & Temps on Receipt				
Condition Upon Receipt					<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable

Matrix : GW-Groundwater SO-Soil DW-Drinking Water CE-Ceiling SW-Surface

**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



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