

Southeast County Landfill

Supplemental Site Assessment Data

August 6, 2020

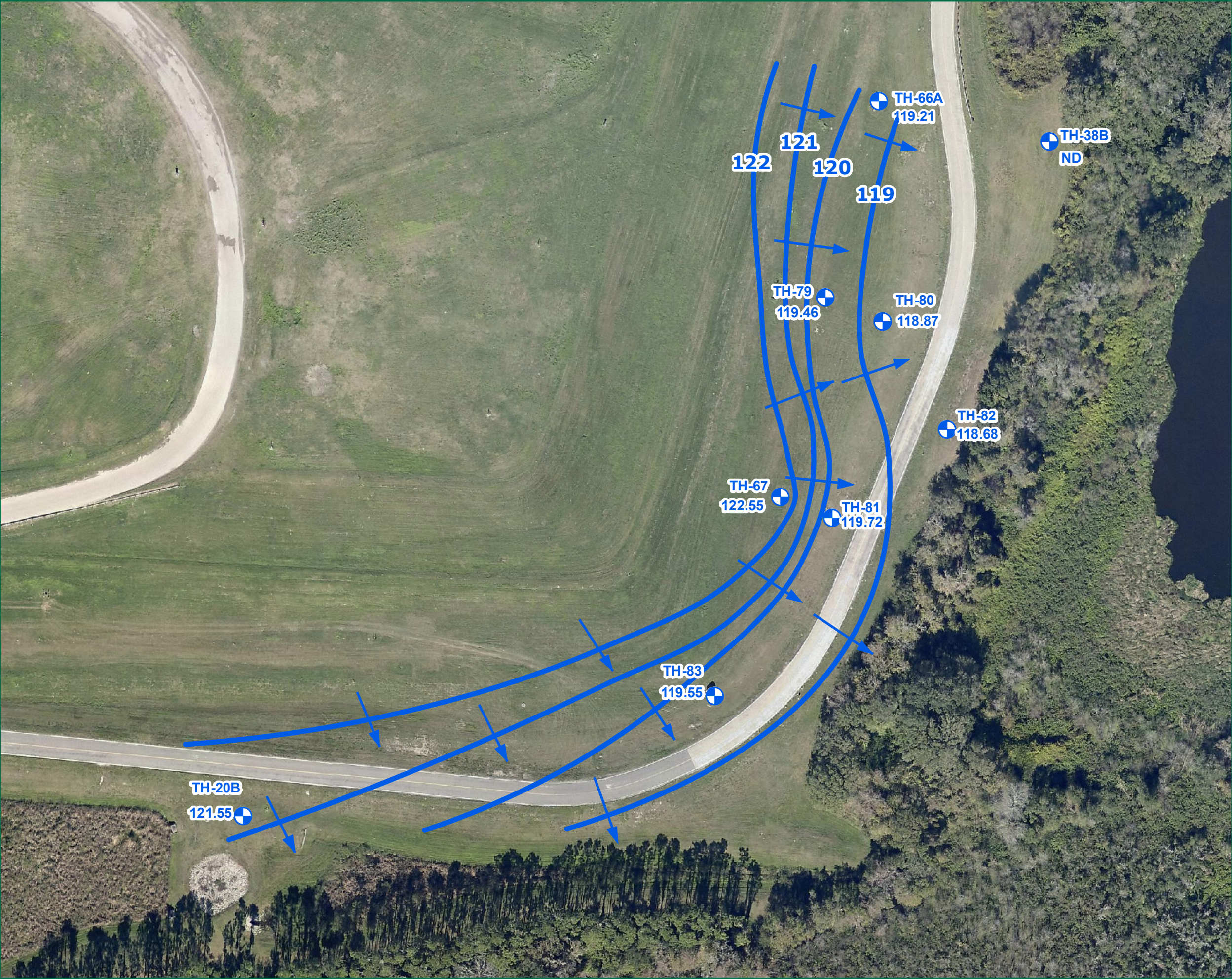
Field Parameters Detected					MCL Standard
	TH-66A	TH-67	TH-79	TH-83	
conductivity (umhos/cm) (field)	252.4	698	494.1	1808	NS
dissolved oxygen (mg/l) (field)	0.38	0.20	1.05	1.63	NS
ORP (mV)	22.6	-37.2	27.5	-19.4	NS
temperature (°C) (field)	27.8	28.5	27.9	32.4	NS
turbidity (NTU) (field)	2.91	1.25	4.93	7.47	NS
pH (SU) (field)	5.72	6.14	5.51	6.56	(6.5 - 8.5)**
General Parameters Detected					MCL Standard
total dissolved solids (mg/l)	210	380	290	730	500**
chloride (mg/l)	9.3	97	43	210	250**
ammonia nitrogen (mg/l as N)	0.84	4.4	3.2	11	NS
Metals Detected (mg/l)					MCL Standard
sodium	3.7	45	22	160	160*
Notes: Reference Groundwater Guidance Concentrations, FDEP 2012					
NS=No Standard					
MCL=Maximum Contaminant Level (Groundwater Standards)					
*= Primary Drinking Water Standards as per Chapter 62-550.310, F.A.C.					
**=Secondary Drinking Water Standards as per Chapter 62-550.320, F.A.C.					
Exceeds Standard					
NTU=Nephelometric Turbidity Units					
J4 = reported value is estimated					
ug/l=micrograms per liter					
mg/l=milligrams per liter					
mV = millivolts					

Southeast County Landfill

Surficial Aquifer Groundwater Elevations

August 6, 2020

Measuring Point	T.O.C. Elevations	W.L.	W.L.
I.D.	(NGVD)	B.T.O.C.	(NGVD)
TH-20B	132.57	11.02	121.55
TH-38B	131.81	Dry	NA
TH-66A	130.66	11.45	119.21
TH-67	129.51	6.93	122.58
TH-79	129.60	10.14	119.46
TH-80	129.52	10.65	118.87
TH-81	130.26	10.54	119.72
TH-82	131.24	12.56	118.68
TH-83	130.23	10.64	119.59
NGVD = National Geodetic Vertical Datum			
T.O.C. = Top of Casing			
B.T.O.C. = Below Top of Casing			
W.L. = Water Level			



SOUTHEAST COUNTY LANDFILL
SUFICIAL AQUIFER GROUNDWATER
CONTOUR MAP

AUGUST 6TH 2020

2020 AERIAL PHOTO



Hillsborough
County Florida

Legend

- ← Direction Of Flow
- ⊕ Existing Monitoring Wells
- 2020 Aerials
- RGB
- Red: Red
- Green: Green
- Blue: Blue



NOTE: Every reasonable effort has been made to assure the accuracy of this map. Hillsborough County does not assume any liability arising from use of this map. THIS MAP IS PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

SOURCE: This map has been prepared for the inventory of real property found within Hillsborough County and is compiled from recorded deeds, plats, and other public records; it has been based on BEST AVAILABLE data.

Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map.

BSOC
332 N. Falkenburg Rd
Tampa, FL 33619

August 26, 2020

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2014775 SELF Sup. Site Assessment

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, August 06, 2020. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

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SAMPLE SUMMARY

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T2014775001	TH-66A	Water	8/6/2020 09:40	8/6/2020 13:25
T2014775002	Field Blank	Water	8/6/2020 10:06	8/6/2020 13:25
T2014775003	TH-79	Water	8/6/2020 10:35	8/6/2020 13:25
T2014775004	TH-67	Water	8/6/2020 11:20	8/6/2020 13:25
T2014775005	TH-83	Water	8/6/2020 11:57	8/6/2020 13:25
T2014775006	Duplicate	Water	8/6/2020 00:00	8/6/2020 13:25

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775001**
Sample ID: **TH-66A**

Date Received: 08/06/20 13:25 Matrix: Water
Date Collected: 08/06/20 09:40

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	252.4		umhos/cm	1			8/6/2020 09:40	....
Dissolved Oxygen	0.38		mg/L	1			8/6/2020 09:40	....
ORP-2580BW	22.6		mV	1			8/6/2020 09:40	....
Temperature	27.8		°C	1			8/6/2020 09:40	....
Turbidity	2.91		NTU	1			8/6/2020 09:40	....
pH	5.72		SU	1			8/6/2020 09:40	....
METALS								
Analysis Desc: Tot Dissolved Solids,SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	210		mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water			Analytical Method: SM 4500-Cl-E					
Chloride	9.3		mg/L	1	5.0	2.6	8/10/2020 14:43	T
Analysis Desc: SW846 6010B Analysis,Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	3.7		mg/L	1	3.2	0.80	8/11/2020 18:56	T
WET CHEMISTRY								
Analysis Desc: Ammonia,E350.1,Water			Analytical Method: EPA 350.1					
Ammonia (N)	0.84		mg/L	1	0.030	0.015	8/10/2020 15:06	T

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775002**

Date Received: 08/06/20 13:25 Matrix: Water

Sample ID: **Field Blank**

Date Collected: 08/06/20 10:06

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	0.80	U	mg/L	1	3.2	0.80	8/11/2020 18:59	T
WET CHEMISTRY								
Analysis Desc: Ammonia, E350.1, Water			Analytical Method: EPA 350.1					
Ammonia (N)	0.07		mg/L	1	0.030	0.015	8/10/2020 15:07	T
Analysis Desc: Tot Dissolved Solids, SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	10	U	mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides, SM4500-Cl- E, Water			Analytical Method: SM 4500-Cl-E					
Chloride	2.6	U	mg/L	1	5.0	2.6	8/10/2020 14:45	T

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775003**

Date Received: 08/06/20 13:25 Matrix: Water

Sample ID: **TH-79**

Date Collected: 08/06/20 10:35

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	494.1		umhos/cm	1			8/6/2020 10:35	....
Dissolved Oxygen	1.05		mg/L	1			8/6/2020 10:35	....
ORP-2580BW	27.5		mV	1			8/6/2020 10:35	....
Temperature	27.9		°C	1			8/6/2020 10:35	....
Turbidity	4.93		NTU	1			8/6/2020 10:35	....
pH	5.51		SU	1			8/6/2020 10:35	....
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	22		mg/L	1	3.2	0.80	8/11/2020 19:03	T
WET CHEMISTRY								
Analysis Desc: Ammonia, E350.1, Water			Analytical Method: EPA 350.1					
Ammonia (N)	3.2		mg/L	1	0.030	0.015	8/10/2020 15:08	T
Analysis Desc: Tot Dissolved Solids, SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	290		mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides, SM4500-Cl-E, Water			Analytical Method: SM 4500-Cl-E					
Chloride	43		mg/L	1	5.0	2.6	8/10/2020 14:45	T

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775004**

Date Received: 08/06/20 13:25 Matrix: Water

Sample ID: **TH-67**

Date Collected: 08/06/20 11:20

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	698		umhos/cm	1			8/6/2020 11:20	....
Dissolved Oxygen	0.2		mg/L	1			8/6/2020 11:20	....
ORP-2580BW	-37.2		mV	1			8/6/2020 11:20	....
Temperature	28.5		°C	1			8/6/2020 11:20	....
Turbidity	1.25		NTU	1			8/6/2020 11:20	....
pH	6.14		SU	1			8/6/2020 11:20	....
METALS								
Analysis Desc: Ammonia,E350.1,Water			Analytical Method: EPA 350.1					
Ammonia (N)	4.4		mg/L	1	0.030	0.015	8/17/2020 10:41	T
Analysis Desc: SW846 6010B Analysis,Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	45		mg/L	1	3.2	0.80	8/11/2020 19:07	T
WET CHEMISTRY								
Analysis Desc: Tot Dissolved Solids,SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	380		mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water			Analytical Method: SM 4500-Cl-E					
Chloride	97		mg/L	1	5.0	2.6	8/10/2020 14:46	T

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775005**
Sample ID: **TH-83**

Date Received: 08/06/20 13:25 Matrix: Water
Date Collected: 08/06/20 11:57

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	1808		umhos/cm	1			8/6/2020 11:57	....
Dissolved Oxygen	1.63		mg/L	1			8/6/2020 11:57	....
ORP-2580BW	-19.4		mV	1			8/6/2020 11:57	....
Temperature	32.4		°C	1			8/6/2020 11:57	....
Turbidity	7.47		NTU	1			8/6/2020 11:57	....
pH	6.56		SU	1			8/6/2020 11:57	....
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	160		mg/L	1	3.2	0.80	8/11/2020 19:10	T
WET CHEMISTRY								
Analysis Desc: Ammonia, E350.1, Water			Analytical Method: EPA 350.1					
Ammonia (N)	11		mg/L	5	0.15	0.075	8/20/2020 11:30	T
Analysis Desc: Tot Dissolved Solids, SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	730		mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides, SM4500-Cl-E, Water			Analytical Method: SM 4500-Cl-E					
Chloride	210		mg/L	5	25	13	8/10/2020 15:01	T

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ANALYTICAL RESULTS

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID: **T2014775006**

Date Received: 08/06/20 13:25 Matrix: Water

Sample ID: **Duplicate**

Date Collected: 08/06/20 00:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Sodium	150		mg/L	1	3.2	0.80	8/11/2020 19:22	T
WET CHEMISTRY								
Analysis Desc: Ammonia, E350.1, Water			Analytical Method: EPA 350.1					
Ammonia (N)	11		mg/L	5	0.15	0.075	8/20/2020 11:30	T
Analysis Desc: Tot Dissolved Solids, SM2540C			Analytical Method: SM 2540 C					
Total Dissolved Solids	690		mg/L	1	10	10	8/12/2020 11:10	T
Analysis Desc: Chlorides, SM4500-Cl- E, Water			Analytical Method: SM 4500-Cl-E					
Chloride	210		mg/L	5	25	13	8/10/2020 15:02	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T2014775 SELF Sup. Site Assessment

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)
- T^ Not Certified

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QUALITY CONTROL DATA

Workorder: T2014775 SELF Sup. Site Assessment

QC Batch: WCAI/5638 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Prepared:
Associated Lab Samples: T2014775001, T2014775002, T2014775003

METHOD BLANK: 3575794

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.015	0.015 U

LABORATORY CONTROL SAMPLE: 3575795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.5	0.50	99	90-110

QC Batch: WCAI/5640 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Prepared:
Associated Lab Samples: T2014775001, T2014775002, T2014775003, T2014775004, T2014775005, T2014775006

METHOD BLANK: 3575961

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY Chloride	mg/L	2.6	2.6 U

LABORATORY CONTROL SAMPLE: 3575962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Chloride	mg/L	50	51	103	90-110

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QUALITY CONTROL DATA

Workorder: T2014775 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3575963 3575964 Original: T2014775001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
WET CHEMISTRY Chloride	mg/L	9.3	50	61	62	103	104	90-110	1	10	

QC Batch: DGMt/2113 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 08/11/2020 09:00
Associated Lab Samples: T2014775001, T2014775002, T2014775003, T2014775004, T2014775005, T2014775006

METHOD BLANK: 3576641

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS Sodium	mg/L	0.80	0.80	U

LABORATORY CONTROL SAMPLE: 3576642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS Sodium	mg/L	16	16	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3576643 3576644 Original: T2014775006

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
METALS Sodium	mg/L	150	16	160	160	102	101	75-125	0	20	

QC Batch: WCAI/5665 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Prepared:
Associated Lab Samples: T2014775004

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QUALITY CONTROL DATA

Workorder: T2014775 SELF Sup. Site Assessment

METHOD BLANK: 3576998

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.015	0.015 U

LABORATORY CONTROL SAMPLE: 3576999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.5	0.47	94	90-110

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3577000 3577001 Original: T2014775004

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	4.4	1	5.5	5.5	109	108	90-110	0	10

QC Batch: WCAI/5690

Analysis Method: SM 2540 C

QC Batch Method: SM 2540 C

Prepared:

Associated Lab Samples: T2014775001, T2014775002, T2014775003, T2014775004, T2014775005, T2014775006

METHOD BLANK: 3578541

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY Total Dissolved Solids	mg/L	10	10 U

LABORATORY CONTROL SAMPLE: 3578542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Total Dissolved Solids	mg/L	660	720	110	85-115

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QUALITY CONTROL DATA

Workorder: T2014775 SELF Sup. Site Assessment

SAMPLE DUPLICATE: 3578543

Original: T2014775001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY						
Total Dissolved Solids	mg/L	210	220	6	10	
QC Batch:	WCAI/5891		Analysis Method:	EPA 350.1		
QC Batch Method:	EPA 350.1		Prepared:			
Associated Lab Samples:	T2014775005, T2014775006					

METHOD BLANK: 3590099

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Ammonia (N)	mg/L	0.015	0.015	U

LABORATORY CONTROL SAMPLE: 3590100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Ammonia (N)	mg/L	0.5	0.55	110	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3590103

3590104

Original: T2014985009

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Qualifiers
WET CHEMISTRY										
Ammonia (N)	mg/L	0.44	1	1.5	1.4	105	100	90-110	3	10

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2014775001	TH-66A			EPA 350.1	WCAI/5638
T2014775002	Field Blank			EPA 350.1	WCAI/5638
T2014775003	TH-79			EPA 350.1	WCAI/5638
T2014775001	TH-66A			SM 4500-CI-E	WCAI/5640
T2014775002	Field Blank			SM 4500-CI-E	WCAI/5640
T2014775003	TH-79			SM 4500-CI-E	WCAI/5640
T2014775004	TH-67			SM 4500-CI-E	WCAI/5640
T2014775005	TH-83			SM 4500-CI-E	WCAI/5640
T2014775006	Duplicate			SM 4500-CI-E	WCAI/5640
T2014775001	TH-66A	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775002	Field Blank	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775003	TH-79	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775004	TH-67	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775005	TH-83	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775006	Duplicate	SW-846 3010A	DGMt/2113	SW-846 6010	ICPt/1644
T2014775004	TH-67			EPA 350.1	WCAI/5665
T2014775001	TH-66A			SM 2540 C	WCAI/5690
T2014775002	Field Blank			SM 2540 C	WCAI/5690
T2014775003	TH-79			SM 2540 C	WCAI/5690
T2014775004	TH-67			SM 2540 C	WCAI/5690
T2014775005	TH-83			SM 2540 C	WCAI/5690
T2014775006	Duplicate			SM 2540 C	WCAI/5690
T2014775005	TH-83			EPA 350.1	WCAI/5891
T2014775006	Duplicate			EPA 350.1	WCAI/5891
T2014775001	TH-66A	Field Measurements	FLDt/	Field Measurements	FLDt/
T2014775003	TH-79	Field Measurements	FLDt/	Field Measurements	FLDt/
T2014775004	TH-67	Field Measurements	FLDt/	Field Measurements	FLDt/

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2014775 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2014775005	TH-83	Field Measurements	FLDt/	Field Measurements	FLDt/

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☐ Fort Myers: 13100 Westlake Terrace, Ste. 10, FL 33913 • 239 674 8130 • Lab ID: ES4492
☐ Jacksonville: 6881 Southpoint Pkwy., FL 32216 • 904 363 9150 • Lab ID: ES2374
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850 219 6274 • Lab ID: ES11095

☐ Gainesville: 4966 SW 41st Blvd., FL 32608 • 352 377 2349 • Lab ID: ES2001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954 889 2288 • Lab ID: ES2535
☒ Tampa: 9610 Princess Palm Ave., FL 33619 • 813 630 9618 • Lab ID: ES4589

Page 1 of 1

Client Name Hills, Co. Public Utilities

Project Name

SELF Sup. Site Assessment

Address 332 North Falkenburg Rd

Project Number

N/A

Tampa, FL 33619

PO Number

N/A

Phone (813) 663-3222

FDEP Facility No.

FAX (813) 274-6801

FDEP Facility Addr. 15960 CR 672

Contact Michael Townsel

Sampled By Grayson, Morales

Special Instructions:

Turn Around Time Standard Rush

AEI Profile #

ADAPT

EQUIS

Other

SAMPLE ID

SAMPLE DESCRIPTION

Grab Comp

SAMPLING DATE

TIME

MATRIX

NO. COUNT

Preservation Field-Filtered?

ANALYSIS REQUIRED

BOTTLE SIZE & TYPE

Total Ammonia-N

Sodium

Chloride

TDS



* T 2 0 1 4 7 7 5 *

LABORATORY I.D. NUMBER

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ICP-H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample

☐ Temp from blank

☒ Where required, pH checked

Temp. when received (observed) 6 °C Temp. when received (corrected) 5 °C

DCN: AD-DO51web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10X A: 3A M: 3A S: 1V F: 1A

Relinquished by:

Date

Time

Received by:

Date

Time

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID:

Contact Person:

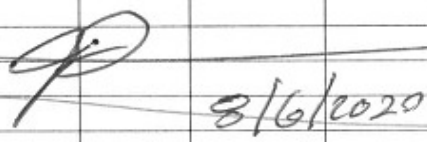
Supplier of Water:

Site Address:

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-66A	SAMPLE ID: TH-66A	DATE: 8/6/2020	

PURGING DATA

WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 1/2		DEPTH: 5.37 ft to 15.37 ft		TO WATER (feet): 11.45		OR BAILER: BP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (15.37 feet - 11.45 feet) X 0.16 gallons/foot = 0.63 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37		PURGING INITIATED AT: 0923		PURGING ENDED AT: 0940		TOTAL VOLUME PURGED (gallons): 0.85			
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)
0930	0.7	0.7	0.1								
0936	0.65	0.65	0.05	11.89	5.65	27.7	250.8	1.02	2.83	Clear	None
0938	0.1	0.75	0.05	11.89	5.71	27.7	251.4	0.56	2.99	Clear	None
0940	0.1	0.85	0.05	11.89	5.72	27.8	252.4	0.38	2.91	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: Grayson, Morales,				SAMPLER(S) SIGNATURE(S) 			SAMPLING INITIATED AT: 0940		SAMPLING ENDED AT: 0945	
PUMP OR TUBING DEPTH IN WELL (feet): 14.37				TUBING MATERIAL CODE: T			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				
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS							ORP: 0936(26.2) 0938(26.3) 0940(22.6)			
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 = 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.

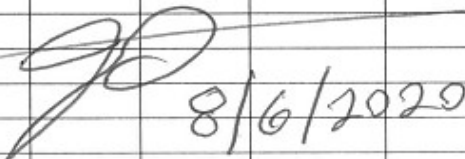
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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)

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: Field Blank	SAMPLE ID: Field Blank	DATE: 8/6/2020	

PURGING DATA

PURGING DATA											
WELL DIAMETER (inches): N/A		TUBING DIAMETER (inches): N/A		WELL SCREEN INTERVAL DEPTH: N/A ft to N/A		STATIC DEPTH TO WATER (feet): N/A		PURGE PUMP TYPE OR BAILER: N/A			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (N/A feet - N/A feet) X 0.16 gallons/foot = N/A gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A		FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A		PURGING INITIATED AT: N/A		PURGING ENDED AT: N/A		TOTAL VOLUME PURGED (gallons): N/A			
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)
											
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

[illegible]

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

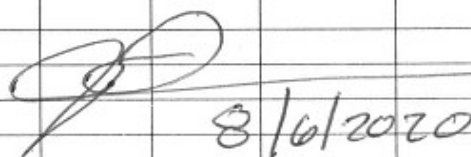
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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)

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-79		SAMPLE ID: TH-79	
		DATE: 8/6/2020	

PURGING DATA

PURGING DATA											
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 1/2		WELL SCREEN INTERVAL DEPTH: 7.80 ft to 17.80 Ft		STATIC DEPTH TO WATER (feet): 10.14		PURGE PUMP TYPE OR BAILER: BP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (17.80 feet - 10.14 feet) X 0.16 gallons/foot = 1.23 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
= gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.80		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.80		PURGING INITIATED AT: 1004		PURGING ENDED AT: 1035		TOTAL VOLUME PURGED (gallons): 1.426			
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)
1031	1.242	1.242	0.046	11.46	5.51	28.0	494.6	1.33	4.47	clear	None
1033	0.092	1.334	0.046	11.46	5.51	28.0	494.9	1.15	5.01	clear	None
1035	0.092	1.426	0.046	11.46	5.51	27.9	494.1	1.05	4.93	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: Morales, Grayson				SAMPLER(S) SIGNATURE(S): M. Morales			SAMPLING INITIATED AT: 1035		SAMPLING ENDED AT: 1040	
PUMP OR TUBING DEPTH IN WELL (feet): 16.80				TUBING MATERIAL CODE: T			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 ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS							ORP: 1031 (28.4) 1033 (27.8) 1035 (27.4)			
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.

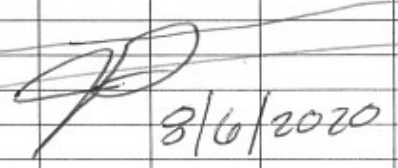
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 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)

Form FD 9000-24

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-67	SAMPLE ID: TH-67	DATE: 8/6/2020	

PURGING DATA

PURGING DATA											
WELL		TUBING		WELL SCREEN INTERVAL		STATIC DEPTH		PURGE PUMP TYPE			
DIAMETER (inches): 2		DIAMETER (inches): 0.5		DEPTH: 5.25 ft to 15.25 ft		TO WATER (feet): 6.93		OR BAILER: BP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (15.25 \text{ feet} - 6.93 \text{ feet}) \times 0.16 \text{ gallons/foot} = 1.33 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.25		PURGING INITIATED AT: 1051		PURGING ENDED AT: 1120		TOTAL VOLUME PURGED (gallons): 1.566			
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) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1116	1.35	1.35	0.054	9.07	6.15	28.4	683	0.44	1.18	Clear	None
1118	0.108	1.458	0.054	9.07	6.15	28.5	689	0.21	1.37	Clear	None
1120	0.108	1.566	0.054	9.07	6.14	28.5	698	0.20	1.25	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: <i>Grayson, Morales</i>				SAMPLER(S), SIGNATURE(S): <i>M. Morales</i>			SAMPLING INITIATED AT: <i>1120</i>	SAMPLING ENDED AT: <i>1125</i>	
PUMP OR TUBING				TUBING			FIELD-FILTERED: Y ☒ N	FILTRATION EQUIPMENT TYPE: _____ μm	
DEPTH IN WELL (feet): <i>14.25</i>				MATERIAL CODE: <i>T</i>					
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			
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS							ORP: <i>1116(-36.6) 1118(-36.5) 1120-37.</i>		
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; 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)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida
WELL NO: DUPLICATE	SAMPLE ID: DUPLICATE DATE: 8/6/2020

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (N/A feet - N/A feet) X 0.16 gallons/foot = N/A gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

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)

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: Grayson, Morales				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: N/A		SAMPLING ENDED AT: N/A	
PUMP OR TUBING DEPTH IN WELL (feet): N/A				TUBING MATERIAL CODE: T				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			

REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS

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

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

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

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 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)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill		SITE LOCATION: Lithia, Florida	
WELL NO: TH-83	SAMPLE ID: TH-83		DATE: 8/6/2020

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Grayson, Morales				SAMPLER(S) SIGNATURE(S): <i>M. Morales</i>			SAMPLING INITIATED AT: 1157		SAMPLING ENDED AT: 1203	
PUMP OR TUBING DEPTH IN WELL (feet): 14.47				TUBING MATERIAL CODE: T			FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <u>N</u> TUBING Y <u>N (replaced)</u>						DUPLICATE: Y <u>N</u>				
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				
							ORP			
							1157(-19.4)			
REMARKS: SEE C.O.C. FOR SAMPLE ANALYSIS							ORP: 1151(-22.1) 1153(-21.1) 1155(-20.2)			
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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