

John E. Manning District One

June 1, 2017

Cecil L Pendergrass District Two

Larry Kiker District Three

Brian Hamman District Four

Frank Mann
District Five

Roger Desjarlais County Manager

Richard Wm. Wesch County Attorney

Donna Marie Collins Hearing Examiner Ms. Renée J. Kwiat, CHMM Environmental Consultant

Florida Department of Environmental Protection, South District

P.O. Box 2549

Fort Myers, FL 33902-2549

Re: Lee County Resource Recovery Facility, PA90-30H

Construction & Demolition Debris Recycling Facility

WACS ID No. 93715

First Semi-Annual 2017 Water Quality Monitoring Report

Dear Ms. Kwiat:

Enclosed please find the First Semi-Annual 2017 Water Quality Monitoring (WQM) Report for the Lee County Resource Recovery Facility (RRF) and the Construction & Demolition Debris Recycling Facility (CDDRF). Flowers Chemical Laboratories, Inc. (FCL) sampled the RRF's six (6) shallow monitoring wells, or WTE-1S, WTE-2S, WTE-3SR, WTE-4S, WTE-5S and WTE-6S, which include the CDDRF's three (3) monitoring wells or WTE-2S, WTE-3SR and WTE-4S, on February 6, 2017.

Sampling was performed in accordance with the Facility's Ground Water Monitoring Plan (GWMP) dated August 2010 and approved by the Department on October 19, 2010. The laboratory analytical results from this WQM event were compared to the Department's water quality standards or maximum contaminant levels (MCL) established in Chapter 62-550, F.A.C., and are summarized below.

Ground Water Monitoring Data Discussion

Ground water from five (5) of the six (6) shallow monitoring wells sampled, i.e., all but WTE-6S, exceeded the secondary drinking water standard for Iron which is 0.3 milligrams per liter (mg/L) as established by Rule 62-550, F.A.C. Ground water from two (2) of the six (6) shallow wells sampled, i.e., WTE-2S and WTE-5S, exceeded the secondary drinking water standard for Total Dissolved Solids (TDS) which is 500 mg/L as established by Rule 62-550, F.A.C. The concentrations of Iron and TDS in the wells that exceeded the standards as noted



Ms. Renée Kwiat June 1, 2017 Page 2 of 3

above are reported in Table 1. Note that the Iron and TDS concentrations reported are consistent with background and historical monitoring results and the ground water quality in this region.

In addition, ground water from monitoring well WTE-4S exceeded the Ground Water Clean-Up Target Level (GCTL) for Ammonia which is 2.8 mg/L as established in Chapter 62-777, F.A.C. The Ammonia concentration at WTE-4S was reported to be 4.24 mg/L which is consistent with the Ammonia results from the last 2 sample events including the March 2016 resample event which was scheduled after the February 2016 sampling results reported an Ammonia level of 19 mg/L in WTE-4S. The March 2016 resample event reported Ammonia at 4.0 mg/L and the August 2016 routine sampling event reported Ammonia at 4.4 mg/L.

Given the Ammonia concentrations from three consecutive sampling events are significantly lower than the concentration reported in February 2016 and have remained steady, along with the Department Memorandum SWM-13.10, Monitoring and Evaluation Ammonia in Ground Water at Solid Waste Management Facilities, dated December 3, 2012, no additional sampling will be performed. However, Ammonia will continue to be monitored according to the approved ground water monitoring plan.

Table 1 - Results which Exceeded Standards in Chapter 62-550, F.A.C.

Parameter (units)	WTE-1S	WTE-2S	WTE- 3SR	WTE-4S	WTE-5S	WTE-6S
Iron (mg/L)	8.21	0.323	3.86	2.09	0.322	BS
TDS (mg/L)	BS	568	BS	BS	512	BS

Water Quality Standards: Iron- 0.3 mg/L; TDS- 500 mg/L; BS-Below Standard

Electronic Data Files

As required, this WQM Report includes the field and laboratory ADaPT files which are provided as separate electronic files prepared in the Department specified format.

Ground Water Elevations

The ground water elevations at the six (6) shallow (water table aquifer) and six (6) deep (sandstone aquifer) monitoring wells are provided in Table 2 below. The elevations were determined in accordance with the DEP-SOP-001/01, and specifically, FS2200, Ground Water Sampling. The data used to determine the ground water elevations is provided in the Attachments to this WQM Report.



Table 2 – Ground Water Elevations (ft., NGVD) Measured February 6, 2017

WELL ID	Elevation (ft., NGVD)	WELL ID	Elevation (ft., NGVD)
WTE-1S	16.7	WTE-1D	6.11
WTE-2S	16.07	WTE-2D	14.40
WTE-3SR	15.01	WTE-3DR	13.71
WTE-4S	13.47	WTE-4D	12.14
WTE-5S	15.89	WTE-5D	14.15
WTE-6S	12.94	WTE-6D	11.58

Note: WTE-2S. WTE-3SR and WTE-4S comprise the monitoring well network for the CDDRF

Field Documentation and Report Certification

The attachments to this WQM Report include DEP Form #62-701.900(31), F.A.C., Water Quality Monitoring Certification, DEP Form FD 9000-24, Ground Water Sampling Log for each well sampled, field data sheets and sample chain of custody.

Recommendations/Conclusions

The monitoring results reported herein are consistent with prior monitoring results and background data for the RRF and the CDDRF and are typical for ground water in this geographical region with the exception of the ammonia concentration reported in WTE-4S. Given the substantial decrease in ammonia indicated by the resample and subsequent routine monitoring results along with the Department Memorandum SWM-13.10, no additional ammonia monitoring is recommended at this time. The RRF and CDDRF will continue to implement the approved ground water monitoring plan and will report the results to the Department as required.

Please call me at (239) 533-8930 in Wollhow, any questions pertaining to this Water Quality Monitoring Report.

No. 50138

Engineering Manager Solid Waste Division

Attachments

Cc: Bureau of Solid and Hazardous Waste, FDEP

Siting Coordination Office, FDEP

Keith Howard, SWD Mike Duff, Covanta Tyler Huffman, Covanta

File II E107



Attachment A-Ground Water Monitoring Report Certification, DEP Form # 62-701.900(31)





PART I GENERAL INFORMATION

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.

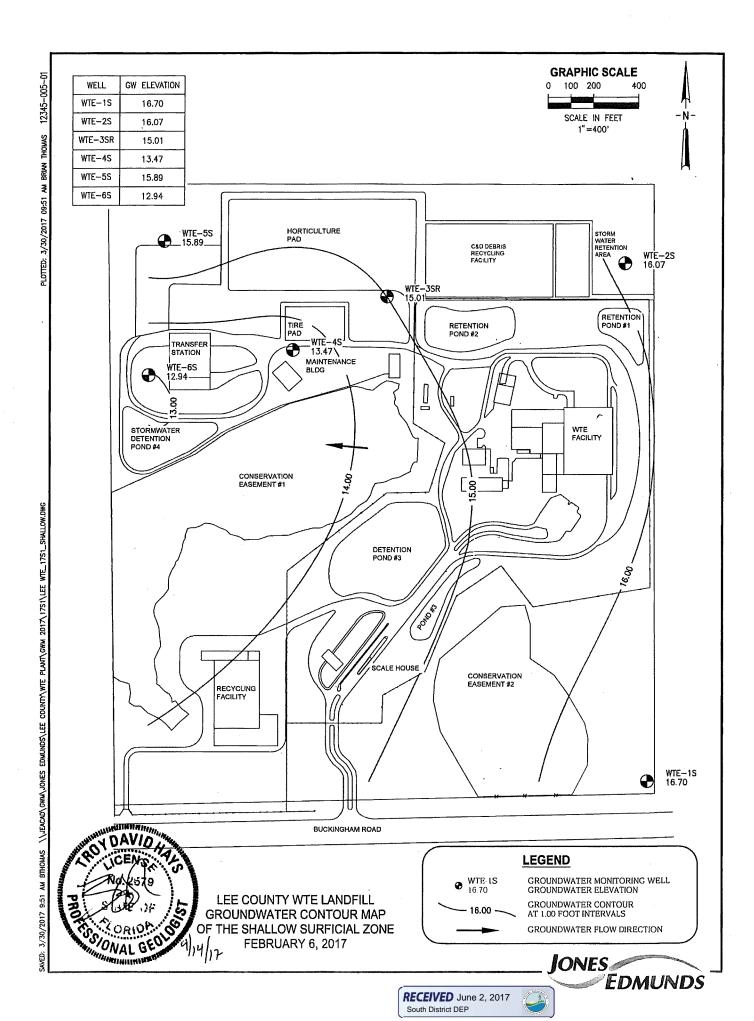
WATER QUALITY MONITORING CERTIFICATION

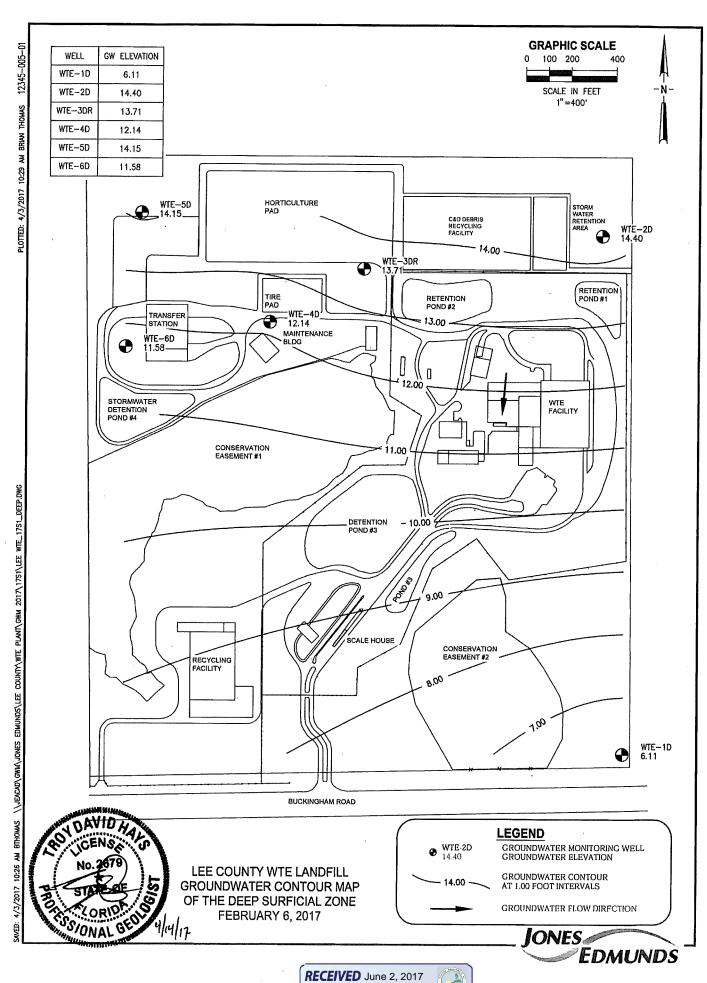
(1) Facility Name Lee County Solid Waste Resource Rec	overy Facility	
Address 10500 Buckingham Road		
City Fort Myers	Zip <u>33905</u>	County Lee
Telephone Number <u>(239) 533-8000</u>		
(2) WACS Facility ID 93715		
(3) DEP Permit NumberPA90-30H		
(4) Authorized Representative's Name Keith Howard	le <u>Director</u>	
Address 10500 Buckingham Road		
City Fort Myers	Zip <u>33907</u>	County Lee
Telephone Number (239) 533-8000		
Email address (if available) khoward@leegov.com		
I certify under penalty of law that I have personally excoument and all attachments and that, based on my in the information, I believe that the information is true, a penalties for submission of false information including the	equiry of those individuals im ccurate, and complete. I a possibility of fine and impriso	mediately responsible for obtaining m aware that there are significant partent.
(Date) (Owner	r or Authorized Representativ	ve's Signature)
PART II QUALITY ASSURANCE REQUIREMENTS		
Sampling Organization Flowers Chemical Laboratories,	Inc.	
Analytical Lab NELAC / HRS Certification # E83018		
Lab Name Flowers Chemical Laboratories, Inc		
Address P.O. Box 150597, Altamonte Springs, FL 32715-	0597	
Phone Number (407) 339-5984		
Fmail address (if available)		



Attachment B – Ground Water Contour Maps (Shallow and Sandstone Wells) and Supporting Data







Lee County Resource Recovery Facility Ground Water Elevations for Feb. 6, 2017

	GW Elevation		GW Elevation (ft,
Well ID	(ff, NGVD)	Well ID	NGVD)
WTE-1S	16.7	WTE-1D	6.11
WTE-2S	16.07	WTE-2D	14.4
WTE-3SR	15.01	WTE-3DR	13.71
WTE-4S	13.47	WTE-4D	12.14
WTE-5S	15.89	WTE-5D	14.15
WTE-6S	12.94	WTE-6D	11.58

All deep wells are 4 inch diameter and all shallow well are 2 inches diameter

Water Elevation, Ft., NGVD	16.7	6.11	16.07	14.4	15.01	13.71	13,47	. 12.14	15.89	14.15	12.94	11.58
Depth to Water, ft.	5.21	16.85	8.11	9.12	. 26.8	10.20	9.01	11.67	7.92	10.35	10.72	11.33
Elev. TOC, NGVD	21.91	22.96	24.18	23.52	23.98	23.91	22.48	23.81	23.81	24.5	23.66	22.91
Well No.	WTE-1S	WTE-1D	WTE-2S	WTE-2D	WTE-3SR	WTE-3DR	WTE-4S	WTE-4D	WTE-5S	WTE-5D	WTE-6S	WTE-6D

Attachment C – Ground Water Monitoring Well Inspection and Water Level Measurement Form (Shallow and Sandstone Wells)



Ground Water Monitoring Well Inspections & Water Level Measurements

Date: 2-6-17	Inspector Name:	Dustin	Rayburn
Site and/or Well Network Name:	WTE Plant		7

Well ID	Well TOC, ft., NGVD	Time*	Distance to Water, ft.	Elevation, ft., NGVD	Well in Good Condition (Y/N)? **
WTE-1S	21.91	11:19	5.21		1
WTE-1D	22.96	11:18	16.85		. y
WTE-2S	24.18	7:49	8.11		ý
WTE-2D	23.52	7:48	9.12		Y
WTE-3SR	23.98	8:29	8.97		ý
WTE-3DR	23.91	8:28	10.20		V
WTE-4S	22.48	9:004	9.01		<u> </u>
WTE-4D	23.81	9:03	11.67		ý Ý
WTE-5S	23.81	9:44	7.92		ý
WTE-5D	24.5	9:43	10.35		ÿ
WTE-6S	23.66	10:29	10.72		ý
WTE-6D	22.91	10:58	11.33		ý

^{*}Enter date too if different than noted above.

^{**} If 'N' entered, explain below. Attach additional sheets if needed

Enter Comments Below As	Need	led.	Ensure well ID is clearly noted for each comment.
		+-	
	.		
` `			
	:		
	!	. 11	
Iditional Pages Attached (Y/N)?			7

Inspector Signature:

2-6-17

Revised 3/19/15

Attachment D – Sampling Documentation (Shallow Wells Only)

- Ground Water (GW) Sampling Logs, FD 9000-24
- Field Sheets
 - o Calibration Sheet
 - o Field Data Sheet
 - o Chain of Custody



Ground Water (GW) Sampling Logs, FD 9000-24



SITE		0111777015					SIT		_						
WELL		OUNTY-SWER WTE-1S	F-WIE	WELLS-S	A	SAMPLE	ID: 322668G	CATION:WTE	-	Ic	ATE:	2/6	/2017		
						1-1-1-1-1	PURGING								
WELL			TL	IBING		i	LL SCREEN IN PTH: fee		STATIC et DEPTH	(feet):	5.21 P	URGE PI	JMP TYPE	RFPP	
DIAME	TER (ir	nches): 2.0	DI	AMETER (i	nches): 1	/4"			TOC (fe		21.91 0	R BAILE	R:		
			WELL	VOLUME	= (TOTAI	L WELL DEPTH	I – STATICE	EPTH TO W	ATER) X	WELL CAF	ACITY				
(only fi	ll out if	applicable) = (44.0	0 for		2.04 foo	n v 0.16	gallana	foot =	1.50 00	illono				
FOUIP	MENT		14.6 3E: 1 I			3,21 fee = PUMP VOLUM	t) X 0.16 ME+CTUBING		foot = X TU	1,50 ga BING LENC		LOW CE	LL VOLUM	ΙΕ	
		applicable)	gallons			ons/foot X	feet) +		allons =	gallons	,				
INITIAL P	UMP OR 1		ganons		JMP OR TUB		1661) +	PURG		PURG			TOTAL VOLUM	IE.	
		LL (feet):10.0				L (feet):10.0			IATED AT:11		ED 11:3	36	PURGED		40
			CU		PURGE	DEPTH	pН	TEMP.	COND.	DISSOLVE		TURBIDITY		LOR	ODOR
			VOL		RATE	то	(standard units)	(°C)	(circle units)	OXYGEN	.	(NTUs)	(des	cribe)	(describe)
			PUR (gall	1	(gpm)	WATER (feet)			μ mhos/cm - or μS/cm	(circle units mg/L or]				
l m	ME	VOLUME PURGED (gallons)	(900	10113)		(icci)			<u>or</u> µcioii,	% caturation	,				
11	11:30 1.50 1.50 0.15 5.24 6.91 23.3 577.0 0.49 18.45 NONE NONE														
11	:33	0.45	1.5	95	0.15	5.24	6.91	23.3	577.0	0.49	1	17.86	NC	NE	NONE
11	:36	0.45	2.	40	0.15	5.24	6.91	23.3	577.0	0.48		17.54	NC	NE	NONE
<u> </u>															
	,					16; 2" = 0.16; 3"		5" = 1.02; 6"							
		A. CAPACITY (Gal./Ft ENT CODES: B =		0.0006; 3/16 BP = Bladder		1/4" = 0.0026; 5/ SP = Electric Submers		= 0,006; 1/2" = Peristaltic Pump;							
							SAMPLING	DAT4_							
		(PRINT) / AFF	LIATIO	N:	SAM	MPLER(S) SIGN	IATURE(S):	(4)	t fil		PLING	T:11:37	SAMF	'LING :D AT:1	1.41
Dustin PUMP					TIJE	BING				ELD-FILTE		No.	FILTER		
		LL (feet):10.0				TERIAL CODE:	P:E			tration Equi			1 12 1 21 1		
FIELD		NTAMINATION:			No	TUBI				DUP	LICATE	:	No	,	
<u> </u>	SA	MPLE CONTAINER S	PECIFICA	TION			SAMPLE PRES	ERVATION	Т		ENDED				PUMP RATE (Gal /
SAMPLE			MATERIAL			PRESERVATIVE	-	FOTAL VOL	FINA		ALYSIS ID/OR	SAMPING	EQUIPMENT		Min)
ID CODE		CONTAINERS	CODE	VOLUME		USED	ADDE	D IN FIELD (mL)	pН	ME	THOD		ODE		
									6.9	1 SEI	COC	R	FPP	ļ	0.15
														 	
\vdash												-		 	
															
REMARK	REMARKS:														
HATEDIA	ATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)														
-				Peristaltic Pum		iter, BP = Bladder							·		
L		RF	PP Reven	se Flow Peristal	ic Pump; :	SM = Straw Method (T	ubing Gravity Drain);	O = Other (Spe	cify)						

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) 2, 2009

SITE	NAME: LEE COUNTY-SWERF-WTE WELLS-S/A LOCATION:WTE													
			WTE W	ELLS-	S/A	ICAMPI E	ID: 3226		TE	DAT	E. 2	/6/2017		
WELL N	<u>U:</u>	WTE-2S				JOANNIPLE		NG DATA	***************************************	IDAI	<u> </u>	10/2011		
WELL			Īτυ	BING		IWE		NINTERVAL	STATIC	8,	11 PURGE PL	JMP TYPE: F	RFPP	
			1,0	5,,,0				feet to	DEPTH(fe	et):				
DIAMET	ER (incl	nes): 2.0	DIA	METE	R (inches):	1/4" feet			TOC (feet)): 24.	18 OR BAILE	R:		
WELL V	OLUME	PURGE: 1 W	ELL VO)LUME	E = (TOTA	L WELL DEPTI	H - STAT	TIC DEPTH TO	WATER)	X WELL CA	APACITY			
(only fill	out if ap			_					- W1	0.00	a			
FOLUDA	ICALT M	= (DLUME PURGE	12.0		feet - 8		X 0.1		s/foot = Y X		illons NGTH) + FLO\	A CELL VOLL	IME	
(only fill			: [[[[OIFWE	THI VOL,	- FUNE VOLU	MIC , (10B	ING CAI ACIT	, ,	TODING ELI	10111, 1120	, oll vol		
(Orlig IIII	out ii up		llons +	(gallo	ons/foot X	feet) +	gallons	= ga	lons			
INITIAL PU	MP OR TUE	BING		FIN	AL PUMP OR T			PURG	ING	PURGING		TOTAL VOLUME		
DEPTH	IN WEL	L (feet): 10.0				LL (feet): 10.0			IATED AT: 7		AT:8:03	PURGED (g		
			CUM		PURGE	DEPTH	pН	TEMP.	COND.	DISSOLVED	TURBIDIT		LOR	ODOR (decades)
			VOL		RATE	ТО	(standard uni	ts) (°C)	(circle units) umhos/em	OXYGEN (circle units)	(NTUs)	(des	cribe)	(describe)
VOLUME PURGED (gallons) (feet) or µS/cm mg/L or														
TIME (gallons) 44-eaturation														
7:57 1.00 1.00 0.14 8.15 7.07 21.6 701.0 1.25 6.43 NONE NONE													NONE	
8:00 0.42 1.42 0.14 8.15 7.07 21.6 701.0 1.25 6.09 NONE												NONE		
8:0	03	0.42	1.8	34	0.14	8.15	7.07	21.6	701.0	1.24	6.01	NO	NE	NONE
ļ					L	<u> </u>	L				L			
		llons Per Foot): 0.75" CAPACITY (GalJFL):					" = 0.37; 4" = 5/16" = 0,004;			2" = 5.88 8" = 0.016				
		TCODES: B=Ba				SP = Electric Subme		PP = Peristaltic Pu		of (Specify)				
FORGING	- QOIF MEIN	TOODES. D-DE		i Diada	terrump, L			ING DATA						
SAMPLI	ED BY (I	PRINT) / AFFILI	ATION	:		SAMPLER(S)	SIGNATUR	E(S):	. 20	SAMPL	ING	SAMPLIN	₹G	
Dustin F	Rayburn	FCL						المراث المراث	t <i>#L</i>		ED AT: 8:04	ENDED /		
PUMP (TUBING			1	FIELD-FILTE) FILTER	SIZE:	mm
		L. (feet): 10.0				MATERIAL CO					ipment Type:	No		
FIELD D		AMINATION:		MP	No	TUE		Replaced		DUPLIC	JAIE:	IND	SAMPLE	DIMO
—	SAI	MPLE CONTAINER SE	PECIFICA	ION			SAMPLE	PRESERVATION	1	INTEN				
				I		PRESERVATIV	Æ	TOTAL VOL	FINAL	ANALY AND/	SIS SAMPIII	NG EQUIPMENT	FLOW	RATE (Gal⁄Min)
SAMPLE ID CODE	#0	CONTAINERS	Material Code	V	OLUME	USED	AD	DED IN FIELD (mL)	pН	METH	OD	CODE	<u> </u>	
				I					7.07	SEE C		RFPP		0.14
													ļ	
				L									L	
REMARKS														
MATERIAL	CODES.	AG = Amber Glass	: CG=	Clear Gla	iss: PE = Pol	yethylene; PP = P	olypropylene;	S = Silicone; T =	Teflon; O = Oth	er (Specify)				
		NT CODES: APP				aller; BP = Bladde								
1					A M. Danie	CAL Chance Stational	College Consider	Contact C - Other	(Coorfe)					

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 Oxygeniall 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)
2, 2009

SITE	NAME: LEE COUNTY-SWERF-WTE WELLS-S/A LOCATION:WTE														
WELL I		WTE-3SR	VVIE	VVELL	0-0/A		SAMPLI	ID: 322668G		ļ. L.		DATE:	2/6/20	017	
								PURGING D					·		
WELL			TU	BING				ELL SCREEN IN			STATIC	8.97	PURGE PL	JMP TYPE:	RFPP
DIAME	TFR (inc	hes): 2.0	DIA	AMETE	R (inches	o: 1/4		t to feet			DEPTH(fe TOC	23.98	OR BAILE	₹:	
								- STATIC D	EPTH TO V		X WELL				
(only fil	l out if ap	plicable)			•										
			4,00	feet			feet) X		gallons/foot				m. a		
			: 1 E	QUIP	MENT VO	L. = 1	PUMP VOLU	ME + (TUBING	CAPACITY	Х	TUBING L	ENGTH) +	FLOW CEL	L VOLUME	
(only iii	out it ap	plicable) = gallon	e + /		gallons/f	oot X	fe	et) + galle	ons =	gallons					
INITIAL P	JMP OR TU		3 . (FIN	IAL PUMP OF			cu gun		RGING	-	PURGING	1	OTAL VOLUME	
		L (feet): 10,0					(feet): 10.0			TIATED 8	:30	ENDED 8:	:43	PURGED (al): 1.84
			cu	MUL	PURG	E	DEPTH	pH	TEMP.	COND.	DISSOLV	ED	TURBIDITY	COLO	ODOR
			VOL	UME	RATE		то	(standard units)	(°C)	(circle units)	OXYGE	N	(NTUs)	(describ	e) (describe)
			PUF	RGED	(gpm)	.	WATER			µmhoc/cm-	(circle un	ts)			
		VOLUME PURGED	(gai	lions)		1	(feet)			or μS/cm	mg/L. <u>o</u>	- 1			
	ме :37	(gallons) 1.00	- 4	.00	0.14		8.99	6,97	25.8	634.0	% satural 1,07		31,12	NON	E NONE
	40	0.42		42	0.14	\rightarrow	8.99	6.97	25,8	634.0	1.07		28.45	NON	
-	43	0.42		84	0.14	_	8,99	6.97	25.8	634.0	1.06		27.90	NON	
⊢	.40	0,72	- '.		0.17		0.00	0.07	20.0	004.0	1,00		21,00	- 11011	L NORL
									<u> </u>						
		llons Per Foot): 0.75						= 0.37; 4" = 0.65;			2" = 5.88				
	NSIDE DIA. EQUIPMEN	CAPACITY (Gal./Ft): T CODES: B = B:			3/16" = 0.00 adder Pump;		/4" = 0.0026; 5		= 0,006; 1/2" Peristaltic Pump		8" = 0.016 er (Specify)				
PURGING	EGUIPMEN	I CODES; B=B	mer;	Bh = Ris	adder Pump;	ESP	= Electric Submer	SAMPLING I), U = Out	er (opecity)				
SAMPI	ED BY (PRINT) / AFFIL	ATIO	N:		SAM	PLER(S) SIG		,,	-2,-		SAMPLIN	G	SAMPI	
	Rayburn								(4)2	14		INITIATED			AT:8:48
	OR TUB				•	TUBI					FIELD-FIL			FILTER SI	ZE: mm
		L (feet): 10.0 AMINATION:		UMP	No	MAII	RIAL CODE		anad		Filtration E	DUPLICA		No	
FIELD		PLE CONTAINER SPE	<u>-</u>		140		100	SAMPLE PRE				DOLFION	<u> </u>		AMPLE PUMP
	C/ U/I			11011								INTENDED ANALYSIS			LOW RATE (Gal /
SAMPLE			MATERI AL				PRESERVATIVE		TOTAL VOL		FINAL.	AND/OR	SAMPLING E	QUIPMENT	Min)
ID CODE	#1	ONTAINERS	CODE	VC	DLUME		USED	AC	DED IN FIELD	mL)	pH	METHOD	COL		0.45
											6.97	SEE	RFI	77	0.15
<u> </u>															
-									· · · · · · · · · · · · · · · · · · ·						,
\vdash												-	 		
\vdash															
REMARK	REMARKS:HEAVY TRAFFIC AREA														
MATERIA		AG = Amber Glas					•	lypropylene; S = Sil			er (Specify)				
SAMPLIN	G EQUIPME			Peristaltic				· Pump; ESP = Ele Tubing Gravity Orain):							

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)
2, 2009

NAME: LEC COUNTY-SWERR-WITE WELLS-SIA SAMPLE ID: 3228860W3 DATE: 2/822017	SITE		- MTC	W				SITI		_						
WELL			F-WIE	WELLS-S/A		Teamp	I E ID:			<u> </u>	IDA.	TE.	2/6/2	017		
WELL TUBING	WELL NO.	VV1E-43				JOANII					10/1	1	LIVIL	<u> </u>		
DIAMETER (Inches): 1.0	WELL		Ιτυ	BING		l V				STATIC	9.	.01 PUF	RGE PU	MP TYPE	RFPF	
WELL VOLUME PURGES: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (13.40 feel - 9.01 feel) X 0.16 gallone/fool = 0.70 gallone (only fill out if applicable) = (13.40 feel - 9.01 feel) X 0.16 gallone/fool = 0.70 gallone (only fill out if applicable) = gallons + (gallone/fool X feet) + gallons = gallons = gallons = (gallons + (13.40 feel) + gallons = gallons = gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (gallons + (13.40 feel) + gallons = (13.						l:	DEPTH:	feet	to fe	et DEPTH(feet):					
Control Cont	DIAMETER (I	nches); 2.0	DIA	AMETER (incl	es): 1/4	4"							BAILER	:		
EQUIPMENT VOLLIME PURGE: 1 EQUIPMENT VOL. PUMP VOLUME + (TUBING CAPACITY X TUBING LEGION) CONTY C	WELL VOLU	ME PURGE: 1	WELL '	VOLUME =	TOTAL	WELL DEP	TH - S	TATIC D	EPTH TO W	/ATER) X \	WELL CAPA	CITY				
EQUIPMENT VOLLME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME * (TUBING CAPACITY X TUBING LENGTH) * FLOWCELL VOLUME (only fill out if applicable) gallons * ((only fill out if	applicable)														
Control File Control																
SAMPLED BY CRIBING SAMPLENGE Sallons Sample Sam	1		3E: 1 E	EQUIPMENT	/OL. =	PUMP VOL	_UME + (rubing (CAPACITY	X TUE	ING LENGT	H) + FL	OWCE	LL VOLU	ME	
NTIME_PURP OR TURNING	only fill out if	• • •														
DEPTH IN WELL (feel): 10.0 DEPTH IN WELL (feel): 10.0 INTITATED AT 9-05 ENDED 9:18 DPGED (gall): 1.84 TABLE TO Gall (data units) PROCED Gall (data units) PROCED (gall): 1.84 TABLE TO Gall (data units) PROCED (gall): 1.84 TABLE TO Gall (data units) PROCED (gall): 1.84 TABLE TO Gall (data units) PROCED (gall): 1.84 TABLE			ga				·	reet) +			·			TOTAL MOUL	1145	
CAUALL PARCE DEPTH PARCE PAR							1									84
VOLUME PURSED (palmon) (describe)	DEF IT IN W	LECT (leet): 10.0	C10			,		Ph		7						
VOLUME PURGED (gallons)			2				1			1		1		1		
Tible			1	1		1	(0.011	iaia anna,	(9)	1 , ,	I .	`	,,	,		, , , , ,
THE		VOLUME DUDGED	l	1	,					1 '	1 .	İ		1		
9:12 1.00 1.00 0.14 9.03 6.89 27.3 585.0 1.04 25.49 NONE NONE 9:18 0.42 1.42 0.14 9.03 6.89 27.3 585.0 1.04 24.34 NONE NONE 9:18 0.42 1.84 0.14 9.03 6.89 27.3 585.0 1.04 24.34 NONE NONE NONE 9:18 0.42 1.84 0.14 9.03 6.89 27.3 585.0 1.03 24.01 NONE NONE NONE NONE 9:18 0.42 1.84 0.14 9.03 6.89 27.3 585.0 1.03 24.01 NONE NONE NONE NONE NONE NONE NONE NON	TIME (gallons) %-esturation															
9:15			1.0	00 0	14	9.03	6	.89	27,3	585,0	1,04	2	5.49	NC	NE	NONE
9:18						9.03	6	.89	27.3	585.0	1.04	2	4.34	NC	NE	NONE
WELL CAPACITY (salione Pet Foot): 0.78" = 0.02; 1" = 0.04; 1.28" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.05; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA, CAPACITY (Gal.Fet): 1/8" = 0.0006; 3/16" = 0.0014; 14" = 0.0026; 6/16" = 0.003; 3/16" = 0.0014; 14" = 0.0026; 6/16" = 0.003; 3/16" = 0.0014; 14" = 0.0026; 6/16" = 0.003; 3/16" = 0.0014; 14" = 0.0026; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 6/16" = 0.0014; 12" = 0.016; 6/16" = 0.0014; 6/16" =													NC	NE	NONE	
TUBING INSIDE DIA, CAPACITY (GaL/FL): 118" = 0,0006; 3/16" = 0,0014; 14" = 0,0026; 5/16" = 0,0014; 348" = 0,006; 112" = 0,010; 5/18" = 0,016																
TUBING INSIDE DIA, CAPACITY (GaL/FL): 118" = 0,0006; 3/16" = 0,0014; 14" = 0,0026; 5/16" = 0,0014; 348" = 0,006; 112" = 0,010; 5/18" = 0,016																
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TUBING INSIDE DIA, CAPACITY (GaL/FL): 118" = 0,0006; 3/16" = 0,0014; 114" = 0,0006; 5/16" = 0,0014; 114" = 0,0006; 112" = 0,010; 6/18" = 0,0106																
TUBING INSIDE DIA, CAPACITY (GaL/FL): 118" = 0,0006; 3/16" = 0,0014; 14" = 0,0026; 5/16" = 0,0014; 348" = 0,006; 112" = 0,010; 5/18" = 0,016																
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TUBING INSIDE DIA, CAPACITY (GaL/FL): 118" = 0,0006; 3/16" = 0,0014; 14" = 0,0026; 5/16" = 0,0014; 348" = 0,006; 112" = 0,010; 5/18" = 0,016											<u> </u>	<u> </u>				
Purising EquipMent codes: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristable Pump; O = Other (Specify)																
SAMPLED BY (PRINT) / AFFILIATION: SAMPLER(S) SIGNATURE(S): List SAMPLING SAMPLE																
SAMPLED BY (PRINT) / AFFILIATION: Dustin Rayburn FCL PUMP OR TUBING DEPTH IN WELL (feet): 10.0 SAMPLER CONTAMINATION: DEPTH IN WELL (feet): 10.0 SAMPLE CONTAMINATION: DISCRIPTION SAMPLE CONTAMIRES S	PURGING EQUIPM	ENT CODES: B=	Bailer,	BP = Bladder Pu	p; Es	SP = Electric Sub				O = Other (Spe	cify)					
DUSTIN Raybum FCL PUMP OR TUBING DEPTH IN WELL (feet): 10.0 MATERIAL CODE: P:E FIELD-FILTERED: No FILTER SIZE: mm MATERIAL CODE: P:E FIELD-FILTERED: No FILTER SIZE: mm MATERIAL CODE: P:E FIELD-FILTERED: No FILTER SIZE: mm DUPLICATE: No SAMPLE PRESERVATION MATERIAL PRESERVATIVE SAMPLE WCONTAINERS CODE WCONTAINERS CODE VOLUME MATERIAL USED ADDED IN FIELD (ml.) ADDED IN FIELD (ml.) FIELD-FILTERED: No FILTER SIZE: mm DUPLICATE: No SAMPLE PRESERVATION INTENDED ANALYSIS ANDLOR METHOD MET	IOALUBI ED BY	(ADDINED (AEE	LIATIO	N. I.	ICAL	IDLEDIO) OL					I S A M DI	ING		CAMI	OI ING	
TUBING			LIATIO	AN:	JOAN	IPLEK(S) SI	IGNA! OF	(E(3).	(With	£			9.19			9:23
DEPTH IN WELL (feet): 10.0 MATERIAL CODE: P:E Filtration Equipment Type:					TITE	ING			___	FIE						
TIBLID DECONTAMINATION: PUMP No							E- P-E									
SAMPLE PRESERVATION SAMPLE PRESERVATION SAMPLE PRESERVATION SAMPLE PRESERVATION SAMPLE PRESERVATION INTENDED ANALYSIS AND/OR METHOD SAMPLING EQUIPMENT CODE #CONTAINERS CODE VOLUME PRESERVATIVE USED ADDED IN FISLD (mL) PRESERVATIVE TOTAL VOL FINAL ADDED IN FISLD (mL) PH METHOD SAMPLING EQUIPMENT CODE FLOW RATE (Gal / Min) CODE FLOW RATE (Gal / Min) CODE REPP 0.14 CODE REMARKS:HEAVY TRAFFIC AREA MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Sillcone; T = Teffon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristatilic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; ESP = Electric Submersible Pump; ESP = Electric Submersible Pump;			P	PUMP No				Repla	aced	, 15.373				No		
SAMPLING EQUIPMENT CODES: APP = After Peristatilic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;															SAMPLE	PUMP
MAIEMAN OOE WOLUME USED ADDED IN FIELD (mL) pH METHOD CODE CO					1						ANALY	YSIS			L	
							VE				1 AND				FLOW R	ATE (Gal / Min)
REMARKS:HEAVY TRAFFIC AREA MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teffon; O = Other (Spacify) SAMPLING EQUIPMENT CODES: APP = After Peristatilic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;	ID CODE	#CONTAINERS	CODE	VOLUME		USED		ADDE	D IN FIELD (mL)						 	0.44
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Olher (Spacify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;										0.88	SEE	200	Kr	PP	<u> </u>	J. 14
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Olher (Spacify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;															ļ	
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Olher (Spacify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;																
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SAMPLING EQUIPMENT CODES: APP = After Peristatific Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;	1															
SAMPLING EQUIPMENT CODES: APP = After Peristatific Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;																
											ecify)					
	SAMPLING EQUIP															

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)

SITE NAME: LEE COUNTY-SWERF-WTE WELLS-S/A							SITI										
WELL NO:	WTE-5S	F-WIE	WELLS-S/A		LOCATION: SWERF DATE: 2/6/2017												
[WELL NO:	MIE-22				JOAIVIE		JRGING I				IDAI	<u> </u>	2/0/2011				
WELL		Ιτυ	BING		WELL SCREEN INTERVAL STATIC 7.92 PURGE PUMP T									TYPE	RFPP		
		' -				DEPTH:	feet		et C	EPTH(fe	et):						
DIAMETER (ii			AMETER (inc														
WELL VOLU	ME PURGE: 1	WELL'	VOLUME =	(TOTAL	AL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY												
(only fill out if	applicable)				7,92 feet) X 0.16 gallons/foot = 1.52 gallons												
	= (17.4				eet) X					2 gallor NG LENGTI		MACELL	VOLUM	ATT.		
	VOLUME PURG	3E: 1 E	QUIPMENT	VOL. =	F PUMP VOL	.UME + (I OBING	CAPACITY	Α.	LOBIL	NG LENGII	1) + PLC	JVV CELL	VOLUM	n=		
(only fill out if	applicable)	aalla	ns + (as	allons/foot X		feet) +	deli	lons =	. ,	gallons						
INITIAL PUMP OR	***********	gano	FINAL PUM				1001/	PURG			PURGING		TOTAL	VOLUME			
	ELL (feet): 10,0				L (feet): 10.0)		INIT	IATED	AT:9:45	ENDED	10:03	PURC	SED (g	al):2.65	;	
		CUN	AUL. PI	RGE	DEPTH		pН	TEMP.	С	OND.	DISSOLVED	TUF	RBIDITY	COL	OR	ODOR	
		VOL	UME F	ATE	то	(stan	dard units)	(°C)	(circ	de units)	OXYGEN	1)	VTUs)	(desc	ribe)	(describe)	
		PUR	GED (pm)	WATER					hos/cm-	(circle units)						
	VOLUME PURGED	(gall	ons)		(feet)				한	μS/cm	mg/L <u>or</u>						
TIME	TIME (gallons) 9:57 1.75 1.75 0.15			1 E	7.98		5.98	25.6	7	05.0	% caturation 1.07		3.45	NO	NE	NONE	
							3,98	25,6		05.0	1.07		7.86	NO		NONE	
					7.98											-	
10:03	3 0.45 2.65 0.18		.15	7.98		5,98	25.6	/	05.0	1.06		7.07	NO	INE	NONE		
					1												
							-							-			
								-	ļ					 	-+		
					-				ļ.—.—					_	-+		
											-						
WELL CAPACITY (Callons Per Fool): 0.75" = 0.02: 1" = 0.04: 1.25"					011 . 0 401	0" - 0.07:	4" 0.05:	FP 1 00: 61	L	407 - F 95							
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.00					$5^{\circ} = 0.08$; $2^{\circ} = 0.16$; $3^{\circ} = 0.37$; $4^{\circ} = 0.65$; $5^{\circ} = 1.02$; $6^{\circ} = 1.47$; $12^{\circ} = 5.88$ 0014 ; $1/4^{\circ} = 0.0026$; $5/16^{\circ} = 0.004$; $3/8^{\circ} = 0.006$; $1/2^{\circ} = 0.010$; $5/8^{\circ} = 0.016$												
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump;					SP = Electric Sub	Peristaltic Pump;		Other (Specif									
L CITCHIA CONTRACTOR							MPLING	ΠΛ.ΤΛ									
SAMPLED BY (PRINT) / AFFILIATION:				SAN	MPLER(S) SI	RE(S):	(Gut file	2		SAMPL			SAMPL				
Dustin Rayburn FCL								J47/		letet		INITIATED AT:10:04 ENDED AT:10:08 -FILTERED: No FILTER SIZE: mm					
				1	BING	NE. D.E					D-FILTERED: No FILTER SIZE: mm ion Equipment Type:					mm	
					TERIAL COL	JE: P:E JBING	Repl	arad	Trille		DUPLICATE:			No			
FIELD DECONTAMINATION: PUMP No						ERVATION			INTENDED			No		SAMPLE PUMP			
SAMPLE CONTAINER SPECIFICATION			-							ANALYSIS							
SAMPLE		MATERIAL			PRESERVATI			TOTAL VOL		FINAL pH	AND/O		SAMPLING EQUIPMENT		FLOW RATE (Gal / Min)		
ID CODE	#CONTAINERS	CODE	VOLUME	+	USED		ADDED IN FIELD (mL)		\dashv	6.98	SEE COC		CODE C RFPP		0.15		
				+						0,00	SEE COC		J RFPP		0.15		
<u> </u>		 							-+								
<u> </u>				_													
									\dashv								
-		-		+					-								
REMARKS:		L			•		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										
MATERIAL CODES								lcone; T = Teflor		Other (Speci	fy)						
SAMPLING EQUIP	MENT CODES: AF							ctric Submersible O = Other (Spe									

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

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pht: ±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)
2, 2009

SITE NAME: LEE C	OUNTY-SWER	EMATE	WELLS	S/A			SIT	E CATION:WTE						
WELL NO:	WTE-6S	.F-VV1 E	VVELLO-	-SIA	SAM	SAMPLE ID: 322668GW5 DATE: 2/6/2017								
					1-7-1		PURGING D			,_,,,_,				
WELL TUBING						WELL SCREEN INTERVAL STATIC 10.72 PURGE PUMF								
DIAMETER (in	(inches)	· 1/4"	DEPTH: feet to feet DEPTH(feet TOC (feet): 23.66 OR BAILER:											
						L WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY								
(only fill out if	,													
FOURDMENT	= (19,9		feet -	10.72	10.72 feet) X 0.16 gallons/foot = 1.48 gallons PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLU								
(only fill out if		3E: 11	:QUIPME	EN I VOL	= PUMP VC)LUME .	+ (TUBING	CAPACITY	X TOBII	NG LENG I H)	F FLOW CELL V	OLUME		
		lons + (ons/foot)		t) +		gallons =	gallons					
INITIAL PUMP OR			1	PUMP OR				PURG		PURGING	1	VOLUME		
DEPTH IN WE	LL (feet):12.0	·			ELL (feet):12.				IATED AT:10:3			SED (Gal):		
		CUN		PURGE	1	1	pH	TEMP.	COND.	DISSOLVED	TURBIDITY	COLOR	ODOR	
		VOL:		RATE (gpm)	TO WATER	1 .	standard units)	(°C)	(circle units) umhos/sm-	OXYGEN (drde units)	(NTUs)	(describe)	(describe)	
1	VOLUME BURGER	(gall		(85111)	(feet)				or µS/cm	ng/L or				
TIME	VOLUME FORGED 100 ,			,,,,,					%-saturation					
10:40			0.15	10.75	5	7.22	27.8	495.0	0.51	11.85	NONE	NONE		
10:43	10:43 0.45 1.95		0.15	10.75	;	7.22	27.8	495.0	0.51	10.92	NONE	NONE		
10:46	46 0.45 2.40 0.1		0.15	10.75		7.22	27.8	495.0	0.50	10.45	NONE	NONE		
												—		
		<u> </u>												
	L	L							i			1		
1	Gallons Per Foot): 0.* A. CAPACITY (Gal./Ft								•					
PURGING EQUIPM		Baller	BP = Bladd		ESP = Electric St			Peristaltic Pump:						
							AMPLING							
	(PRINT) / AFF	LIATIO	N:	8	SAMPLER(S)	SIGNAT	URE(S):	(4)st	R1_	SAMPLING		AMPLING		
Dustin Raybum FCL					ri IDIV.O				INITIATED AT:10:47					
					TUBING MATERIAL CO	DE: D:E				J-FILTERED: tion Equipmen				
DEPTH IN WELL (feet):12.0 M FIELD DECONTAMINATION: PUMP No						UBING		aced	li nu e	DUPLICAT		No		
SAMPLE CONTAINER SPECIFICATION							SAMPLE PRESE				<u> </u>		SAMPLE PUMP	
					PRESERVA'	TILIC:		OTAL VOL	FINAL	INTENDED			FLOW RATE (Gal /	
SAMPLE ID CODE #	CONTAINERS	MATERIAL CODE	VOLU	ME .	USED	1145	1		pH	ANALYSIS AND METHOD	OR SAMPLING EQU	JIPMENT	NT Min)	
			,				ADDED IN FIELD (mL)		7,22	SEE CO		,	0,15	
	· · · · · · · · · · · · · · · · · · ·													
REMARKS:														
1														
MATERIAL CODES	: AG = Amber Gl	ass. CG	= Clear Glac	ss. DE =1	Polyethylene; PP	= Polyoron	oviene, s = sar.	cone T = Teffor	O = Other (Speci	ν\				
SAMPLING EQUIPM			Peristaltic Pu		Baller, BP = Bl									
	RF	PP Revers	e Flow Perist		SM = Straw Met				• •					

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 Cygen: 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) 2, 2009

- Field Sheets
 - o Calibration Sheet
 - o Field Data Sheet
 - o Chain of Custody

Calibration Sheet



FCL Field

Calibration Sheet

Sampler:

Dustin Rayburn

Project:

LEE COUNTY-SWERF-S/A MW'S

Date:

DO%

02/06/17

Sample Site I.D.'s

Equipment Used:

RFPP

Weather conditions:

SUNNY/HOT

07:20:00 AM

	Unit	Standard	Reading	Standard	Reading	Standard	Reading
pН	рН	4.00	4.00	7.00	7.00	10.00	10.00
Conductivity	us	1413	1413	25000			
Turbidity	NTU	1.00		10.00	10.00		
Turbluity	INIO	1.00		10,00	10.00		

Starting Calibration Values:

Ending Calibration Values:

1.00

06:00:00 PM

	Unit	Standard	Reading
рН	pН	7.00	7.00
Conductivity	us	1413	1413
Turbidity	NTU	10.00	10.05
D0%			99.20



Field Data Sheet



Field 3OP2.08 Determination of Field INST. Field **Date:** 02-06-17

DCR

Time:

Analyst: Employee#:

	14	Field DO	Field Temp	. Field Condt	Field pH	Field Turbi	Field Temp. Field Condt Field pH Field Turbi Field Elevation Field Water ITOC	Field Water I	TOC	,
Sample#	<u>1</u>	Field DO	Field Temp	Field Condu	Field pH	Field Turbi	Field Temp. Field Condt Field pH Field Turbi Field Elevation Field Water ITOC	Field Water I	TOC	Q
Unit		mg/L	၁၀	umhos/cm	ЬН	UTN	Ħ	#	¥	
322668GW1		1.24	21.6	701.0	7.07	6.01	16.07	8.11	24.18	WTE-2S
322668GW2		1.06	25.8	634.0	6.97	27.90	15.01	8.97	23.98	WTE-3SR
322668GW3		1.03	27.3	585.0	68.9	24.01	13.47	9.01	22.48	WTE-4S
322668GW4		1.06	25.6	705.0	6.98	7.07	15.89	7.92	23.81	WTE-5S
322668GW5		0.50	27.8	495.0	7.22	10.45	12.94	10.72	23.66	WTE-6S
322668GW6		0.48	23.3	577.0	6.91	17.54	18.70	र्ज् ट्य	21.91	WTE-1S

Chain of Custody



Check Box That Applies To Your Location

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``````````````````````````````````````	New Descrip	1		s x x le	COMMENTS	# Contain	IsloT	\ \ \ \					->	2				n Date Time		2/1/7 1032
P.O.# *Hyce Quicklist	"Lee GWTE	E-MAIL	Rush Charges May Apply	Sampling Fee	Gui	9928 t	1	X						*				Time Accepted By / Affiliation	530	
F-WTE Wells - S/A		Manager	Vue Date OR TAST STO STO	Vehicle Surcharge \$	PRESERVATIVES ANALYSES S	[€] O ^z S	AN. SET	X X X					\$ \$ \$					Relinquished By / Affiliation Date Ti	The 1/10 Ups 2/6 15	3
Project Name SWERF	Client Contact	FCL Project Manager	Requested Due Date 10 Day Standard	2-6-17 Pick-Up \$		vaste 😐 🐧	(LAB USE ONLY) 2 H LAB NO.	GW 322668641 X X	1 2	200	3	· \	3	2 7				Dațe Time	An 2/6/4/09	
Solid Waste				Sylve 2-1	Date Sampled	DW-drinking water WW - wastewater SO - soil/solid SL - sludge HW - w	DATE TIME WATRIX	26-17 8-04 GW	J hh:8 J	61.6	10:01	10:47	11:37					Date Time Accepted By / Affiliation	or h1 4.92	•
Clerk Courty Solid Worte	Address		Phone	Sampled By (PRINT):  Ashin A	Sampler Signature	GW - ground water SW - surface water	ITEM SAMPLE ID	1 WTE-25	2 WIE - 35R	3 WTE - 4S	4 WTE - 58	5 WE-65	1	7 Tris Blank	. &	o o	10	Relinguished By / Affiliation	Still "	

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

YELLOW - Client Copy

