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18 June 2021

Mr. Robert Cilek Florida Department of Environmental Protection 2600 Blair Stone Road Tallahassee, Florida 32399-2400

Subject: Trip Report – Groundwater Sampling and Well Survey – June 2021

Former Florida State Fire College

1501 W Silver Springs Blvd, Ocala, Marion County, Florida

**ERIC\_5641** 

FDEP Contract HW550, Task Assignment SOL-0A118, Subtask 5

Dear Mr. Cilek,

Geosyntec Consultants, Inc. (Geosyntec) has prepared this Trip Report for the Florida Department of Environmental Protection (FDEP) to document activities associated with groundwater sampling and the monitoring well survey at the Former Florida State Fire College (FFSFC) located in Ocala, Florida. The objective of this investigation was to assess the extent of groundwater that was previously documented to be affected with per- and polyfluoroalkyl substances. This Trip Report also summarizes the monitoring well survey at FFSFC. Geosyntec completed activities under Task Assignment SOL-0A118.

On 14 June 2021, Geosyntec completed the following activities at FFSFC:

- Sampled nine (9) monitoring wells DEPMW-1 thru DEPMW-8 and the VISA monitoring well on site, including the collection of a duplicate sample at DEPMW-8;
- Collected two equipment blanks (EQB-42 and EQB-43) from the groundwater sampling equipment and a k-packer;
- Collected a field reagent blank (FRB-5); and
- Observed the monitoring well survey conducted by Kugelmann Land Surveying.

The monitoring well locations are depicted on **Figure 1**. Field notes are included in **Attachment A**, and a photographic log documenting representative field activities is included in **Attachment B**.

Mr. Robert Cilek 18 June 2021 Page 2



If you have any questions or comments, or require additional information, please contact Eric Sager at 727-330-9952.

Sincerely,

Boone Abbott, G.I.T. (AL) Senior Staff Geologist

Eric Sager, P.G. (FL)

Senior Principal Geologist

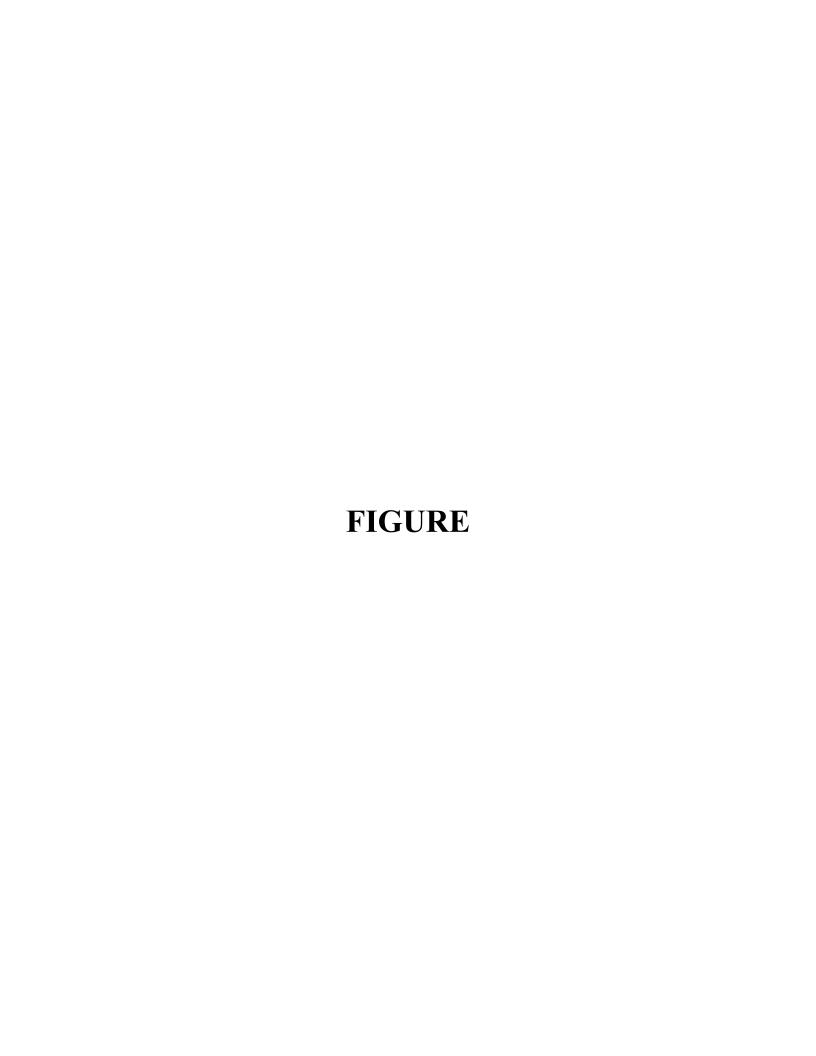
Copy: David Meyers, Florida Department of Environmental Protection

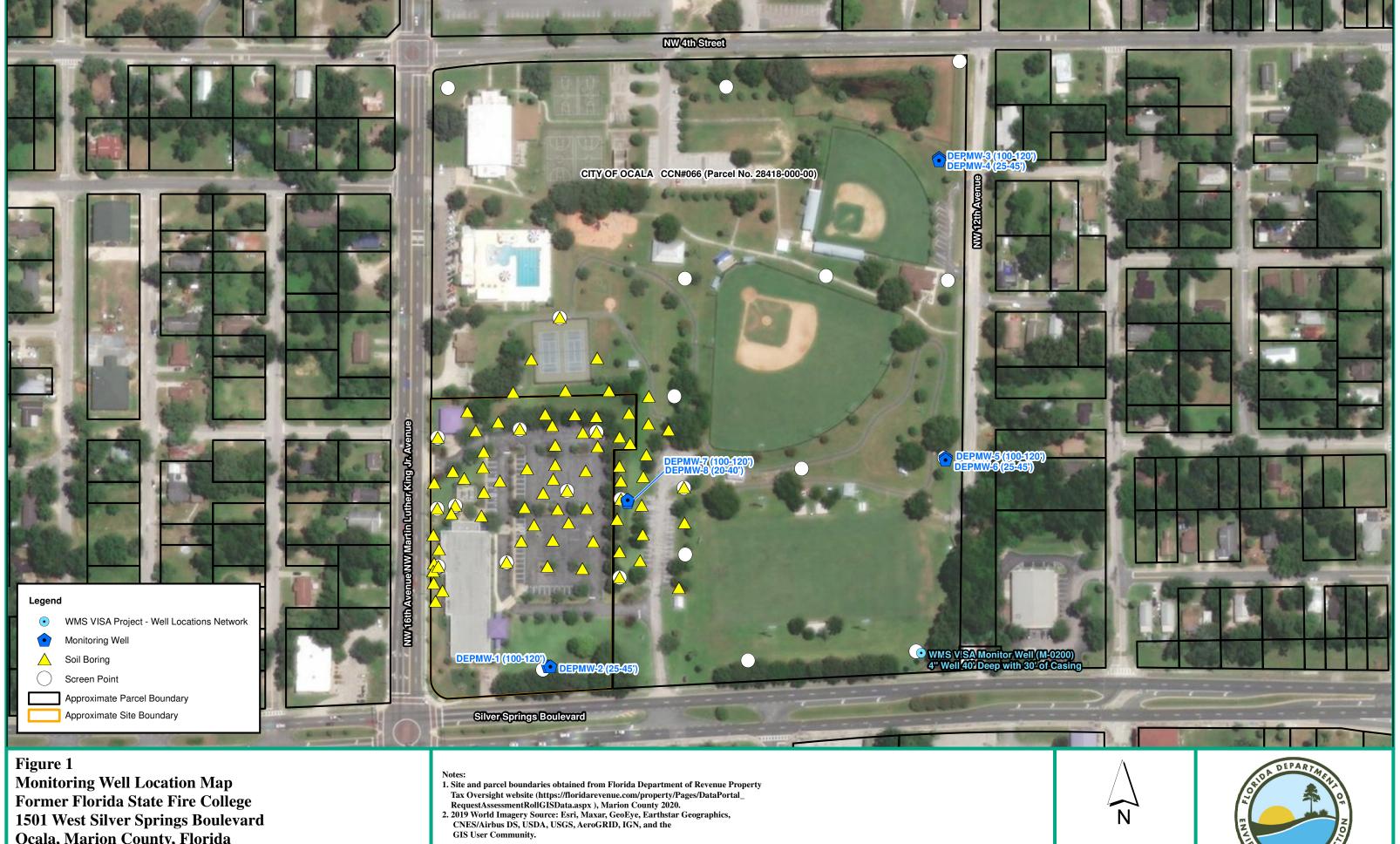
Todd Kafka, Geosyntec

Attachments: Figure

Attachment A – Field Forms

Attachment B – Photographic Log





Former Florida State Fire College **1501 West Silver Springs Boulevard** Ocala, Marion County, Florida





Date: June 21, 2021

# ATTACHMENT A Field Notes

## Standard Operating Procedure for Groundwater Sampling of Monitoring Wells and Analysis of Per- and Polyfluoroalkyl Substances

## **Attachment A. Daily Sampling Checklist**

Date: 6-14-21
Site Name: Former Florida Style Fire College
Weather (temperature/precipitation): Sunny /Chau of rain 86°F
Please check all boxes that apply and describe any exceptions in the notes section below along with QA/QC methods used to assess potential sample cross-contamination as a result.
Field Clothing and PPE:
No water- or stain-resistant boots or clothing (e.g., GORE-TEX®)  Field boots (or overboots) are made of polyurethane, PVC, rubber, or untreated leather Rain gear are made of polyurethane, PVC, vinyl, wax-coated or rubber Clothing has not been recently laundered with a fabric softener No coated HDPE suits (e.g., coated Tyvek® suits)  Field crew has not used cosmetics, moisturizers, or other related products today Field crew has not used sunscreen or insect repellants today, other than products approved as PFAS-free
Field Equipment:
Sample containers and equipment in direct contact with the sample are made of HDPE, polypropylene, silicone, acetate or stainless steel, not LDPE or glass  Sample caps are made of HDPE or polypropylene and are not lined with Teflon <sup>TM</sup> No materials containing Teflon <sup>TM</sup> , Viton <sup>TM</sup> , or fluoropolymers  No materials containing LDPE in direct contact with the sample (e.g., LDPE tubing, Ziploc® bags)  No plastic clipboards, binders, or spiral hard cover notebooks  No waterproof field books  No waterproof or felt pens or markers (e.g., certain Sharpie® products)  No chemical (blue) ice, unless it is contained in a sealed bag  No aluminum foil  No sticky notes (e.g., certain Post-It® products)
Decontamination:
Reusable field equipment (e.g., dip sampler) decontaminated prior to reuse "PFAS-free" water is on-site for decontamination of field equipment Alconox®, Liquinox® or Luminox® used as decontamination detergent

## Standard Operating Procedure for Groundwater Sampling of Monitoring Wells and Analysis of Per- and Polyfluoroalkyl Substances

Food and Drink:	
No food or drink on-site, except within staging area  Food in staging area is contained in HDPE or stainless steel container	
Notes:	
No overboas wom	
Valor prout boots wern who overboots	
Field Team Leader Name (Print): Book Abbott	
Field Team Leader Signature:	
Date/Time: 6-14-21 0817	

Table 1: Proposed Sampling Locations, Matrices, Analytes, Rationale, and Criteria Former Florida State Fire College

Location ID	Sample ID	Date and Time	Matrix	Depth (ft BLS)	Drilling Method	Comments
		Monitor	ring Wells			
DEPMW-1 (100-120')	DEPMW-I (100-120')	C-1112-11102		100-120		coincidental similar sample
DEPMW-2 (25-45')	DEPMW-2 (25-45')	6-1421 1102		25-45		coincidental similar sample times
DEPMW-3 (100-120')	DEPMW-3 (100-120')	61421 1456		100-120		
DEPMW-4 (25-45')	DEPMW-4 (25-45')	6/19/1/1445		25-45		
DEPMW-5 (100-120')	DEPMW-5 (100-120')	6-14-21 1621	Groundwater	100-120	Sonic,	
DEPMW-6 (25-45')	DEPMW-6 (25-45')	6-14-91 1673	Crownwater	25-45	Pump	
DEPMW-7 (100-120')	DEPMW-7 (100-120')	6-14-21 2038		100-120		
DEPMW-8 (20-40')	DEPMW-8 (20-40')	6-14-21 1730		20-40		
DLI W.W-0 (20-40)	DEPMW-8 (20-40') DUP	6-14-21 1730		25-10		
VISA MW (M-200)	VISA MW (M-200)	6-14-21 1345		30-40		

Table 1: Proposed Sampling Locations, Matrices, Analytes, Rationale, and Criteria Former Florida State Fire College

Location ID	Sample ID	Date and Time	Matrix	Depth (ft BLS)	Drilling Method	Comments
Sample Type	Sample ID	Laboratory Quality Assura Date and Time	nce/Quality C	Equipmen		
	EQB-21	3-23-21 1410				Horang before: \$9°-10 (80°-40°) Horang after: \$9°-14 (35°-34°) Container ID 60-103-6, 65°-113
	EQB-22	3-24-21 0835				Container ID 00 1034 ( 56 )  Bering effect ( 5 ) 14 ( 46 56 )  Bering effect ( 5 ) ( 5 ) ( 5 )  Container ID 00 105 ( 60 )  Bering effect ( 5 ) ( 5 )  Bering effect ( 5 ) ( 5 )  Bering effect ( 5 ) ( 5 )
	EQB-23	3-29-21 1945				Horing after: 57 - 5 (Up 54) Container III (0) (334)
	EQB-24	3-30-21 1405		DPT Grou	ındwater	Horing luter:
	EQB-25	3-31-21 1347		Samping E	equipment	Boring Mcr. SP-17 (36 Gb) Container ID 0003 Sch 0003 SM
	EQB-26	4-2-21 0916				Bering after 59 30 (96 56)
	EQB-27	4-5-21 1541				Boring after 50 14 (36 46 )  Gentlaner ID 00 23 3 4 (36 46 )
	EQB-28	4-6-21 1308				Boring before 5P - 18 ( 96 50 ) Boring offer: 5P - 16 ( 36 96 ) Container ID Good 66 0003 38
	EQB-29	3-22-21 1355				Borning before \$8 -6.2 (6.5-2.3) Borning after: \$8.5 -57 (0.7-6.5-5) Container ID 6.6.10 3.6 Borning before: \$1.6-4 (4.4-6.3)
	EQB-30	37371 १५१०				Storing Section: \$1,8 (2 - 4)
Equipment Blanks (ratio of 1:10)	EQB-31	3-33-21 1100				Borns before Co. (2-4-)
(1800 01 1.10)	EQB-32	393011510		Soil Sampling Hand A	Equipment	Bonne before Se 37(0-6)
	EQB-33	3-24211030		(Addid)	augo.	Borng before 58 3 7 (4 - 6 - 7 ) Borng before 58 - 7 (4 - 6 - 6 - 5 ) Centaine ID 5 (5 - 6 - 6 - 6 - 7 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng after 58 - 4 (0 - 6 - 5 ) Borng after 58 - 4 (0 - 6 - 6 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng siter 58 - 6 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 ) Borng before 58 - 7 (1 - 4 )
	EQB-34	3-24-21 1035	Water		1	Bering after: \$18 - 70(1) - q)  Container II) 6010415  Bering before: \$8 - 70 (0 - 0 - 5 - 5)
	EQB-35	3-2421 1150				Boring after: 5B 6 4 (0 -0 5 ) Container ID Ok 10 9 Boring before 5 8 70 (3 - 4 )
	EQB-36	3-24-21 1155				Boring siler: 5/3 - 6/3 (3 - t) Container ID
	EQB-37	3-24-21 0838		Soil Sampling	Fouinment	Continuer ID 60 105
	EQB-38	3-2421 0840		DP	T	Boring after: 58 - 45 (16 - 15') Container ID:
	EQB-39	3-2421 1230				Container II) COUSCE
	EQB-40	5-19-21 1236		MW Inst	allation ment	Boning before DEPML - 3 (103-120')  Boning before DEPML - 3 (103-120')
	EQB-41	5-74-71 12-06				Container III 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	EQB-42	6-14-21 1353		Submersib DPT Grou	no r adiip	Bering after DBPAV-3(100 1706) Container ID: 0 00 9 6 9
1	FRB-4	3-34-31 1011		Samp	ling	001062
	FRB-5	6-14-71 1570		Groundwater HA ►O?		000838
Field Reagent Blanks	FRB-6	3-2421 0400		Mw De	nination	001105,001062
	FRB-7	5-19-21 1240		mw-52	nbu-3	000273
	FRE Eas. 4	6-14-21 1355	amples	Extr	LIT.	000964 of k-packer
Drum Number	Sample ID	IDW3	Matria	IDW S	ource	Analyses
	IDW-Soil-202103_		Soil	Soil cu		PFAS, VOCs, SVOCs, 8 RCRA Metals
	IDW-Water-202103		Waler	Decontamir purge v		,

- Notes:
  1. DPT indicates direct push technology.
  2. If BLS indicates feet below land surface.
  3. St indicates soil boring.
  4. HA indicates shoring at the indicates soil boring.
  5. PFAS indicates per- and polyfluoroalkyl substances.
  6. IVA indicates not applicable.
  7. EQB indicates guipment blank.
  8. SP indicates screen point.

- EQB indicates equipment blank
   FRB indicates field reagent blank
   MW indicates monitoring well.

## FIELD DRUM INVENTORY TRACKING LOG

Project No.: FR 7522A.01.05

Project Start Date: 6-14-27

Drum Number	Generation Date	Content % Full	Contents (soil, development water, purge water, etc.)	Source Location (Well #, Boring #, etc.)
1	6-14-21	100%		DEMV-1, 234, V1SA MU (M-200) VISAMU (M-200), DEPMV-3, 5, 6, 7 DEPMV-7, 8, Decon Waler
2	6-14-21	1000/0	Rige Walt	VISAMU (M200), DEPMV-3, 5, 6, 7
3	6-14-21	100%	Purge Water Ringe Water / Dewn Water	DEPMV-7, 8, Decon Water
			- V	
			4	
	<del></del>			
-		-		
				:
		-		

SITE .	FFSFC	•				TE DCATION:	Ocala	. FL.			
WELL NO:	DEPM		00-12	SAMPLE	ID: DE	ww4	-1 (100'-	(20')	DATE: 6	-14.21	
					PURC	SING DA	TA		Street)		
WELL	(inches):	TUBING	ER (inches):			INTERVAL, eet to 120 fe	STATIC DI	EPTH R (feet): <b>3 ( .</b>	_ 1 PURC	GE PUMP TYPE AILER:	423
DIAMETER WELL VOL	(inches):	1 WELL VOL		AL WELL DEF			O WATER) X			AILLIN.	-31
	if applicable)			20		1.50		.16		= 14.11	gallons
	T VOLUME PU	JRGE: 1 EQUI	PMENT VOL.	= PUMP VOI	LUME + (TUE	SING CAPACI		BING LENGTH)	+ FLOW CEL	L VOLUME	
(only ill out	п аррпсавіе)	(B4s)	د)	= g	allons + (	gallo	ns/foot X	feet)	+	gallons =	gallons
	MP OR TUBIN WELL (feet):		FINAL PUN	IP OR TUBINO WELL (feet):	°~ 33	PURGIN	G ED AT: 1038	PURGING ENDED AT:	1101	TOTAL VOLUM PURGED (gallo	
DEFINITION	VLLE (leety.	CUMUL.	DEI TITTIE	DEPTH		T	COND.	DISSOLVED			
TIME	VOLUME PURGED	VOLUME	PURGE RATE	TO WATER	pH (standard	TEMP. (°C)	(circle units)	OXYGEN (circle units)	TURBIDITY (NTUs)	( COLOR (describe)	<del>ODOR</del>
	(gallons)	PURGED (gallons)	(gpm)	(feet)	units)	(-0)	μmhos/em of μS/cm	(mg/L)or % saturation	(14103)	(describe)	ORP
1053	15	15	1.0	31.53	7.19	z5.84	646	1.72	6.09	Clear	14.6
1057	4	19	1	31.53	3.12	25.88	647	1.72	5.10	66	165.5
1101	4	23		31.53	7.13	25.92	647	1.73	4.33	11	160.7
					ă.		1				
									-		
WELL CAP	ACITY (Gallor	s Per Foot): 0	<b>75"</b> = 0.02.	1" = 0.04;	<b>1.25"</b> = 0.0	)6: <b>2</b> " = 0.1	6: <b>3"</b> = 0.37:	4" = 0.65;	5" = 1.02; (	6" = 1.47; 12°	" = 5.88
TUBING IN	SIDE DIA. CA	PACITY (Gal./F	t.): 1/8" = 0.	0006; 3/16	" = 0.0014;	1/4" = 0.002	26; 5/16" = 0.0		4077		" = 0.016
PURGING I	EQUIPMENT (	CODES: B	= Bailer;	BP = Bladder		PLING DA	Submersible Pun	1p; PP = P6	eristaltic Pump	O = Other	(Specify)
SAMPLED	BY (PRINT) / A	AFFILIATION:		SAMPLER(S			117	SAMPLING	1140	SAMPLING	
	WETH AS		YNTEC	R	2 M	this	4	INITIATED A	11105	ENDED AT:	1103
DUMP OF			6.	TUBING MATERIAL C	ODE: U	DPE		FILTERED: Y in Equipment Ty	ne. (N)	FILTER SIZE	:µm
	ONTAMINATI		TO K	O PARO	TUBING		eplaced)	DUPLICATE:	0	N MS	/MSD
		ER SPECIFICA	_ ×		E PRESERV	ATION (includ		INTEND			AMPLE PUMP
SAMPLE	#	MATERIAL	VOLUME	PRESERVAT		TOTAL VOL	FINAL	ANALYSIS A			FLOW RATE nL per minute)
ID CODE	CONTAINERS	CODE	125ml	USED	ADDI	ED IN FIELD (	mL) pH				3800
PMW-1		IOPE	IZSMI					W- (110	,,,,		0000
					_						
REMARKS											
		VIE '			02 no						
MATERIAL	. CODES:	AG = Amber 6 S = Silicone;	•	= Clear Glass; O = Other (		High Density	Polyethylene;	LDPE = Low De	ensity Polyethy	/lene; PP = f	Polypropylene;
SAMPLING	EQUIPMENT			hrough) Perist		B = Bailer			SP = Electric S O = Other	Submersible Pun	np;
				se Flow Perist			Method (Tubing		U - Otner	(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)

NAME: FFSFC  WELL NO: DEP MW-Z (25-45') SAMPLE ID: DEP MW-Z (25'-45') DATE: 6-14-21  PURGING DATA  WELL  DIAMETER (inches): 2 DIAMETER (inches): 3/9 DEPTH: 25 feet to 45 feet TO WATER (feet): 31.70 OR BAILER: \$\frac{1}{2}\$\$  WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER): X WELL CAPACITY  (only fill out if applicable)  EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)  EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)  Equipment VOLUME (feet): 33 PURGING (allons)  ENDED AT: // 01 PURGING (circle units) PURGED (gallons)  DEPTH IN WELL (feet): 33 PURGING (circle units) PURGED (gallons)  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33 PURGING (circle units) PURGED (gallons)  DEPTH IN WELL (feet): 31 PURGED (gallons)  PURGED (gallons)  (gallons)  (gpm)  DEPTH (standard units)  PURGED (gallons)  (gpm)  TEMP (standard units)  PURGING (circle units) PURGED (circle	gallons gallons
PURGING DATA  WELL DIAMETER (inches): 2  DIAMETER (inches): 3/8  DIAMETER (inches): 3/8  DIAMETER (inches): 3/8  WELL SCREEN INTERVAL DEPTH: 25 feet to 45 feet TO WATER (feet): 31.70  OR BAILER: \$\frac{1}{2}\$\$  WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  (only fill out if applicable)  = (45 feet - 31.7 feet) x 0.16 gallons/foot = 2.12  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 =  INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33  INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING OBEPTH OWNER OBEPTH	gallons  gallons  TE ons): '2 - G  ODOR
WELL DIAMETER (inches): 2  DIAMETER (inches): 3/9  DIAMETER (inches): 3/9  DEPTH: 25 feet to 45 feet  TO WATER (feet): 31.70  OR BAILER: 5/8  WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  (only fill out if applicable)  = (45 feet - 31.7 feet) X 0.16 gallons/foot = 2.12  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 =  INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33  FINAL PUMP OR TUBING DEPTH DEPTH DEPTH DEPTH DEPTH DEPTH (standard units) DEPTH DEPTH (standard units) DEPTH DEPTH (circle units) DEPTH DEPT	gallons  gallons  TE ons): '2 - G  ODOR
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  (only fill out if applicable)  = ( 45	gallons gallons TE ons): '2 ~ 6 ODOR
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	gallons  TE ons): '2 ~ 6  ODOR
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 =  INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33 PURGING INITIATED AT: /035 ENDED AT: /(5)1 PURGED (gallons)  TIME VOLUME PURGED PURGED (gallons) (gpm) PURGED (gpm) (feet) PURGED	gallons  TE ons): '2 ~ 6  ODOR
## gallons + ( gallons/foot X feet) + gallons =    INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33   PURGING INITIATED AT: /035   PURGING ENDED AT: // 01   TOTAL VOLUME PURGED (gallons)   PURGED (gallons)   PURGED (gallons)   PURGED (gallons)   PURGED (circle units)	ODOR
DEPTH IN WELL (feet): 33 INITIATED AT: /035 ENDED AT: /(Δ) PURGED (gallor VOLUME PURGED (gallons) (gallon	ODOR
TIME VOLUME PURGED (gallons) VOLUME PURGE (gpm) VOLUME (	odor -
TIME VOLUME PURGED (gallons) VOLUME PURGE (gpm) VOLUME (gpm) VOLUME PURGED (gallons) (gallons) VOLUME PURGED (gallons) VOLUME PURGED (gallons) (gpm) VOLUME PURGED (gallons) (gpm) VOLUME PURGED (gallons) VOLUME PURGED (gallons) (feet) VOLUME PURGED (gallons) VOLUME PURGED (gallons) VOLUME PURGED (gallons) VOLUME PURGED (gallons) VOLUME PURGED (gpm) VOLUME (gpm) VOLUME (gpm) VOLUME PURGED (gallons) VOLUME (gpm)	-
1059 0.2 2.4 0.1 31.71 7.34 2600 595 3.23 3.54 CV2	-
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
1151 3.2 2.6 o.1 31.71 +.34 2601 594 3.28 2.86 Cin	
THELE ON ACTI (Callotta Col Cot). C.	" = 5.88 " = 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:	
SAMPLED BY (PRINT) / AFFILIATION: GEO SAMPLER(S) SIGNATURE(S):  KIERAN GALU-GHEL SSUPE SAMPLER(S) SIGNATURE(S):  SAMPLED BY (PRINT) / AFFILIATION: GEO INITIATED AT: 1/02 ENDED AT:	1105
PUMP OR TUBING FIELD-FILTERED: Y W FILTER SIZE:	: μm
DEPTH IN WELL (feet): MATERIAL CODE: HOPE Filtration Equipment Type:  FIELD DECONTAMINATION: PUMP (Y) N TUBING Y Neplaced) DUPLICATE: Y	
	AMPLE PUMP
SAMPLE # MATERIAL VOLUME PRESERVATIVE TOTAL VOL FINAL METHOD CODE (n	FLOW RATE nL per minute)
CS-NJ 2 HODE 125AL W- ARAS -MS ESP	400
REMARKS:	
MATERIAL CODES: AG = Amber Glass; . CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = P S = Silicone; T = Teflon; O = Other (Specify)	olypropylene;
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pum 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)

SITE NAME:	FFSF	<u> </u>				ITE OCATION:	ocala.	FL			
WELL NO:		w-3 (	100'-170	SAMPLE			3 (100-	- 1	DATE: 6.	14.21	
			,	<b>/</b>		SING DA			roc)		
WELL	(inches):	Z TUBING	ER (inches):	3/8 WE	LL SCREEN	INTERVAL	STATIC I		PURC	GE PUMP TYP BAILER:	esp
DIAMETER WELL VOL	UME PURGE:	00000		AL WELL DEP	TH - STA	TIC DEPTH T	O WATER) X	WELL CAPACI	TY		_
`	if applicable)		= (	20		0.05	feet) X	. 16	gallons/foot	= 14,	37 gallons
	T VOLUME P if applicable)	URGE: 1 EQU	IPMENT VOL.	= PUMP VOL	.UME + (TUI	BING CAPACI	TY X T	UBING LENGTH)	+ FLOW CEL	L VOLUME	
		( 8/10/	2		allons + (		ns/foot X	feet)	+	gallons =	gallons
	MP OR TUBIN NELL (feet):	~32	DEPTH IN V	P OR TUBINO VELL (feet):	°~32	PURGIN INITIATE	DAT: 1437	PURGING ENDED AT:	1455	TOTAL VOLU PURGED (gal	
	VOLUME	CUMUL.	PURGE	DEPTH	pН	TEMP	COND.	DISSOLVED OXYGEN	TURRIDITA	, , , , , , , , , , , , , , , , , , , ,	
TIME	PURGED	VOLUME PURGED	RATE	TO WATER	(standard units)	TEMP. (°C)	(circle units) µmhos/cm	(circle units) (mg/L) or	TURBIDITY (NTUs)	COLOR (describe)	) ODOR
	(gallons)	(gallons)	(gpm)	(feet)	-	26.77	or μS/cm	% saturation	4 4	- 4 1 5 5	
1447	15	15	(.0	30 73	7.42	25.23	497	0.44	3.25	clean	- 0
1455	W	23	+1-	30 73	7.40	25.22	504	0 36	3.07	tt .	(1 -
1422	7	23	- 1	30 - 7 3	7. 4	23,	104	0.20	3.04		
WELL CAP	ACITY (Gallon	ns Per Foot): 0	. <b>75"</b> = 0.02;	1" = 0.04;	<b>1.25"</b> = 0.0	6; <b>2</b> " = 0.10			5" = 1.02; <b>6</b>	6" = 1.47; <b>1</b> :	<b>2"</b> = 5.88
	SIDE DIA. CA	PACITY (Gal./F		006; 3/16" P = Bladder F	= 0.0014;	1/4" = 0.002	6; 5/16" = 0. Submersible Pu		006; 1/2" :		8" = 0.016 er (Specify)
- OKGING L	- QOIF HILITI	JODES. B	- ballet, L	n - Bladdel I		LING DA		тр, 11-16	material rump,	O - Othe	si (Opedily)
	BY (PRINT) / A			SAMPLER(S)	SIGNATUR	(S):	7	SAMPLING	1451	SAMPLING	1427
PUMP OR T	TIRING		SALWA	TUBING	يلمالالا	hiero	FIELD	INITIATED AT	(R)	ENDED AT:	145 7
	VELL (feet):	-32	(PLOC)	MATERIAL C	ODE:	HDPE	Filtratio	on Equipment Tyr			<u></u> μπι
	ONTAMINATIO			(Em)	TUBING	_	placed	DUPLICATE:	Y	<b>◎</b> _	
SAMP SAMPLE	LE CONTAINE #	ER SPECIFICAT		SAMPLE PRESERVAT		ATION (includi	ng wet ice)	INTENDE ANALYSIS AI		AMPLING S UIPMENT	SAMPLE PUMP FLOW RATE
ID CODE	CONTAINERS	CODE	VOLUME	USED		D IN FIELD (r		METHO			(mL per minute)
mw-3	2	DPE	125ml		7			W-PFA	5- MS (	ESA ~	- 3800
0'-120')											
							_				
REMARKS:	_				1			-			
		E Tim		456							
WATERIAL	CODES:	AG = Amber G S = Silicone;	Glass; CG = T = Teflon;	Clear Glass; O = Other (S		High Density P	olyethylene;	LDPE = Low De	nsity Polyethyl	ene; PP =	Polypropylene;
AMPLING	EQUIPMENT	CODES: A	PP = After (Th	rough) Perista	ltic Pump;	B = Bailer;	BP = Blado			ubmersible Pur	mp;
			PP = Reverse				Method (Tubing		<b>O</b> = Other (	Specify)	

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

WELL NO:	PSFC			04			Ocala, FL	T	DATE:	<i>r</i> .	41	
	DEPMW	-4 (52-	45')	SAMPLE		MV-4(2			DATE:	6-19	1.91	
100011		TUDIN		100	L SCREEN	SING DA		EPTH 30.9	5	DUDO	E PUMP T	VDE
WELL DIAMETER		DIAME	TER (inches):	3/8 DE	TH: እ≤ fe	et to 4) 5 1	eet TO WATE	R (feet): 30.5	0		ILER: ES	
	.UME PURGE: if applicable)	1 WELL VO	LUME = (TO	TAL WELL DEP			TO WATER) X	WELL CAPACI			_	_
	,, ,			45.0		30.50	feet) X	0.16	gallons	s/foot	= 2.3	2 gallons
	NT VOLUME PI : if applicable)	URGE: 1 EQL	JIPMENT VOL	= PUMP VOL	UME + (TUE	BING CAPACI	ITY X TL	JBING LENGTH)	+ FLOW	CELL	VOLUME	
			1	= ga	allons + (		ons/foot X	feet)	+		gallons	
	MP OR TUBIN WELL (feet):	g 37.0	DEPTH IN	MP OR TUBINO WELL (feet):	32.0	PURGIN INITIATI	ED AT: 1425	PURGING ENDED AT:	1444		OTAL VOI URGED (g	Jallons): <b>3</b> . <b>Y</b>
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	TURB (NTI		COLO (describ	I DUCK
1440	3.0	3.0	0. 2	32.00	7.04	22.21	219	5.42	16.	3	as	_
1442	0.2	3.2	0.1	30.08	7.03	22.21	221	5.35	jo.		LLR	
1444	0.2	3.4	0.1	80.08	7.03	22.21	221	5.29	9.7		cur	
PURGING SAMPLED	BY (PRINT) / A	PACITY (Gal./ CODES: B	0.75" = 0.02; Ft.): 1/8" = 0 B = Bailer;	1" = 0.04; .0006; 3/16" BP = Bladder F	= 0.0014; Pump; E SAMP	SP = Electric	Submersible Pur	SAMPLING INITIATED A	eristaltic F	1/2" = Pump;	O = O SAMPLIN	IT: 1953
SAMPLED PUMP OR	BY (PRINT) / A  CUTUA GHA TUBING	PACITY (Gal./ CODES: B	Ft.): 1/8" = 0 B = Bailer; SYNTER	.0006; 3/16"  BP = Biadder F  SAMPLER(S)  TUBING	e 0.0014; Pump; E SAMP SIGNATURI	1/4" = 0.002 SP = Electric	Submersible Pur	3/8" = 0 mp; PP = Pe  SAMPLING INITIATED A'  FILTERED: Y	.006; eristaltic F T: 144	1/2" = Pump;	0.010; O = O SAMPLIN ENDED A	5/8" = 0.016 ther (Specify)
SAMPLED PUMP OR DEPTH IN	BY (PRINT) / A	PACITY (Gal./ CODES: B AFFINATION:	Ft.): 1/8" = 0 B = Bailer;	.0006; 3/16" BP = Biadder F SAMPLER(S)	e 0.0014; Pump; E SAMP SIGNATURI	SP = Electric LING DA	Submersible Pur	SAMPLING INITIATED A	.006; eristaltic F T: 144 pe: N	1/2" = Pump;	0.010; O = O SAMPLIN ENDED A	5/8" = 0.016 ther (Specify)
SAMPLED VIEW PUMP OR DEPTH IN	BY (PRINT) / A  BY (PRINT) / A  TUBING WELL (feet):	PACITY (Gal./ CODES: B  AFFINATION:  32-0  ON: PUM	Ft.): 1/8" = 0  B = Bailer;  SYNTRE  MP (Y) 1	.0006; 3/16" BP = Bladder F  SAMPLER(S)  TUBING MATERIAL C	= 0.0014; Pump; E SAMP SIGNATURI ODE: TUBING	SP = Electric LING DA	Submersible Pur  ATA  FIELD- Filtratio	SAMPLING INITIATED A' FILTERED: Y on Equipment Ty	.006; eristaltic F T: 144 pe: N	1/2" = Pump;	O.010; O = O  SAMPLINENDED A  FILTER S  APLING	5/8" = 0.016 ther (Specify)
SAMPLED PUMP OR DEPTH IN FIELD DEC SAMPLE	BY (PRINT) / A BY (PRINT) / A TUBING WELL (feet): CONTAMINATIO	PACITY (Gal./ CODES: B  AFFINATION:  32 -0  ON: PUN  ER SPECIFIC/  MATERIAL	Ft.): 1/8" = 0  B = Bailer;  SYNTRE  MP (Y) 1	.0006; 3/16" BP = Bladder F  SAMPLER(S)  TUBING MATERIAL C  SAMPLE  PRESERVAT	= 0.0014; Pump; E SAMP SIGNATURI  ODE: 100 TUBING E PRESERVA	1/4" = 0.002 SP = Electric LING DA E(S):  Y ATION (includ	Submersible Pur  ATA  FIELD- Filtration  eplaced)  ling wet ice)  FINAL	SAMPLING INITIATED A' FILTERED: Y on Equipment Ty  DUPLICATE:	.006; eristaltic F T: / / // pe: Y ED ND/OR	SAN EQU	0.010; 0 = 0 SAMPLIN ENDED A FILTER S	5/8" = 0.016 ther (Specify)  IG T: (45) IZE: μm
SAMPLED PUMP OR DEPTH IN FIELD DEC	BY (PRINT) / A  BY (PRINT) / A  TUBING WELL (feet): CONTAMINATION	PACITY (Gal./ CODES: B  AFFILIATION:  21-0  ON: PUN  ER SPECIFIC/	Ft.): 1/8" = 0  B = Bailer;  SYNTEE  MP (Y) B	.0006; 3/16" BP = Bladder F  SAMPLER(S)  TUBING MATERIAL C  N  SAMPLE	= 0.0014; Pump; E SAMP SIGNATURI  ODE: 100 TUBING E PRESERVA	1/4" = 0.002 SP = Electric LING DA E(S):  Y ATION (include)	Submersible Pur  ATA  FIELD- Filtration  eplaced)  ling wet ice)  FINAL	SAMPLING INITIATED A' FILTERED: Y DUPLICATE: INTEND ANALYSIS A	.006; eristaltic F  T: / / // pe: N  Y  ED  ND/OR	SAN EQU	O.010; O = O  SAMPLING FILTER S  MPLING IPMENT ODE	ther (Specify)  G IT: US  IZE: µm  SAMPLE PUMP FLOW RATE
PURGING  SAMPLED  PUMP OR  DEPTH IN  FIELD DEC  SAMPLE  ID CODE  MU-VIX-VIX	BY (PRINT) / A  BY (PRINT) / A  TUBING WELL (feet): CONTAMINATION #  CONTAINERS	PACITY (Gal./ CODES: B  AFFINATION:  32 -0  ON: PUN  ER SPECIFIC/  MATERIAL  CODE	Ft.): 1/8" = 0  B = Bailer;  SYNTE  MP (Y) I  ATION  VOLUME	.0006; 3/16" BP = Bladder F  SAMPLER(S)  TUBING MATERIAL C  N  SAMPLE  PRESERVAT USED	= 0.0014; Pump; E SAMP SIGNATURI  ODE: 100 TUBING E PRESERVA	1/4" = 0.002 SP = Electric LING DA E(S):  Y ATION (includ	FIELD-Filtration  splaced)  ing wet ice)  FINAL  pH	SAMPLING INITIATED A' FILTERED: Y DUPLICATE: INTEND ANALYSIS A METHO	.006; eristaltic F  T: / / // pe: N  Y  ED  ND/OR	SAN EQU	O.010; O = O  SAMPLING FILTER S  MPLING IPMENT ODE	ther (Specify)  G IT: US  IZE: µm  SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLED DEC	BY (PRINT) / A  BY (PRINT) / A  TUBING WELL (feet): CONTAMINATION #  CONTAINERS	PACITY (Gal./ CODES: B  AFFINATION:  32 -0  ON: PUN  ER SPECIFIC/  MATERIAL  CODE	Ft.): 1/8" = 0  B = Bailer;  SYNTE  MP (Y) I  ATION  VOLUME	.0006; 3/16" BP = Bladder F  SAMPLER(S)  TUBING MATERIAL C  N  SAMPLE  PRESERVAT USED	= 0.0014; Pump; E SAMP SIGNATURI  ODE: 100 TUBING E PRESERVA	1/4" = 0.002 SP = Electric LING DA E(S):  Y ATION (includ	FIELD-Filtration  splaced)  ing wet ice)  FINAL  pH	SAMPLING INITIATED A' FILTERED: Y DUPLICATE: INTEND ANALYSIS A METHO	.006; eristaltic F  T: / / // pe: N  Y  ED  ND/OR	SAN EQU	O.010; O = O  SAMPLING FILTER S  MPLING IPMENT ODE	ther (Specify)  G IT: US  IZE: µm  SAMPLE PUMP FLOW RATE (mL per minute)

The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

SITE NAME:	FFSF	c				TE DCATION:	Ocala	. FL			
WELL NO:		m-5 (	100-120	SAMPLE	ID: DE	MW -	- 4	,	DATE:	6-14-Z	.1
					PURC	SING DA			STOC)		
WELL DIAMETER	(inches): Z	TUBING	ER (inches):		LL SCREEN	INTERVAL eet to 120 f	STATIC I	DEPTH ER (feet): 31.		GE PUMP TYF AILER:	Est
WELL VOL			JME = (TOT	AL WELL DEP	PTH - STA	TIC DEPTH 1		WELL CAPAC		14	)4 gallons
	T VOLUME P	URGE: 1 EQUIF	PMENT VOL	. = PUMP VOL	UME + (TUE	BING CAPACI		UBING LENGTH			galiulis
(Only III Out	п аррпоавіс)	BTBC		= 1 ga	allons + (		ons/foot X	feet	) +	gallons =	gallons
A CONTRACTOR OF THE PARTY OF TH	MP OR TUBIN NELL (feet):	G~ 33	FINAL PUN DEPTH IN	IP OR TUBINO WELL (feet):	-37	PURGIN	IG ED AT: 1557	PURGING ENDED AT:	1620	TOTAL VOLU PURGED (ga	
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	I ODGR
1612	15	15	1.0	31.24	7.16	25.06	592	0.64	9.23	clear	r None
icelle	4	19	1	31.46	7.16	25.05	592	0.63	5.97	et .	7 1
1620	4	23		31.46	7.17	25.05	592	0.44	4.62	. 11	14 14
										_	
WELL CAP	ACITY (Gallor	ns Per Foot): 0.	<b>75"</b> = 0.02;	1" = 0.04;	<b>1.25"</b> = 0.0						<b>2</b> " = 5.88
	SIDE DIA. CAI EQUIPMENT (	PACITY (Gal./Ft		0006; <b>3/16"</b> BP = Bladder F		1/4" = 0.002 SP = Electric	26; <b>5/16"</b> = 0. Submersible Pu		eristaltic Pump		/8" = 0.016 er (Specify)
1 Oltolito I	Lagon MENT	30320. 5	Danoi, I	J. 2.0000.		LING DA				,	(-
	BY (PRINT) / A		STUY	SAMPLER(S)	SIGNATUR	E(8)		SAMPLING INITIATED A	T. 1621	SAMPLING ENDED AT	
PUMP OR 1	TUBING	1	(a-)	TUBING	2 10	HDPE		)-FILTERED: Y	(N)		Æ: μm
	NELL (feet):		100	MATERIAL C	ODE: TUBING		Filtrati eplaced)	DUPLICATE:	====	(1)	
		ER SPECIFICAT				ATION (includ		INTEND		$\smile$	SAMPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL	VOLUME	PRESERVAT USED	IVE	TOTAL VOL ED IN FIELD (	FINAL	ANALYSIS A METHO	ND/OR EQ	UIPMENT	FLOW RATE (mL per minute)
PMV-5	2	125m/ H						W-PFAS	5- MW .	est -	3800
100/-120	)	× J	۲.					-			
REMARKS:		ple TIM	e • 1	1621	1=-			,U			
MATERIAL		AG = Amber G		Clear Glass; O = Other (S		High Density	Polyethylene;	LDPE = Low De	ensity Polyethy	iene; PP =	Polypropylene;
SAMPLING	EQUIPMENT	CODES: AF	PP = After (Ti	hrough) Perista se Flow Perista	altic Pump;	B = Bailer SM = Straw	; BP = Blade Method (Tubing		SP = Electric S O = Other		imp;

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

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

SITE C	FSPC				SI	TE CATION:	BCA	LA, FL			
TO GOLL.		./ ( :	,1	SAMPLE			25-1-451)		DATE: 6	14.2(	
WELL NO.	DEPMW-	6 (25-1	(5)	07 11111 222		SING DA				19 20	
WELL DIAMETER	(inches): 2	TUBING DIAMET	ER (inches);	7/8"   DEF	L SCREEN	INTERVAL et to 45 f	STATIC E	DEPTH ER (feet): <b>3( - (</b> WELL CAPACI	OR E	RGE PUMP T BAILER: ∫⊊	
(only fill out	if applicable)  T VOLUME PU if applicable)		= ( 4	!5	feet -	31. 63 IING CAPACI	feet) X	O. ( 6 JBING LENGTH)	gallons/for + FLOW CE		
	MP OR TUBIN	G ¬ 2		IP OR TUBINO		PURGIN		PURGING	1624	TOTAL VOI	UME a e
DEPTH IN V	VOLUME	CUMUL. VOLUME	PURGE	DEPTH	pH (standard	TEMP.	COND (circle units)	DISSOLVED OXYGEN (circle units)	TURBIDIT	LA COTO	R <del>oper</del>
THVIC	PURGED (gallons)	PURGED (gallons)	RATE (gpm)	WATER (feet)	units)	(°C)	or ps/cm	mg/Dor % saturation	(NTUs)		ORP
1620	z-5	2.5	0.1	31-63	7.48	22-77	462	4.5	15.0		223.5
1622	0.2	Z-7 Z-9	0.1	31.63	7.48	72.80	462	4.6	17.5	un	24.7
1624		6.7	0.1	31.40							
TUBING IN	ACITY (Gallon SIDE DIA. CAI EQUIPMENT C	PACITY (Gal./I	Ft.): 1/8" = 0.	1" = 0.04; 0006; 3/16' BP = Bladder	Pump; E	1/4" = 0.002 SP = Electric	26; 5/16" = 0 Submersible Pu	.004; 3/8" = 0	5" = 1.02; .006; 1/2 eristaltic Pun	6" = 1.47; " = 0.010; np; O = 0	12" = 5.88 5/8" = 0.016 ther (Specify)
CAMPI ED	BY (PRINT) / A	SELLIATION:		SAMPLER(S)		LING DA	ATA	0.111011110		SAMPLIN	10
	N GALL		GIFO SYNTER	10				SAMPLING INITIATED A	T: 1625	ENDED A	T: 1630
PUMP OR		33 <sup>t</sup>		TUBING MATERIAL C	ODE: F	+ PPE		-FILTERED: Y on Equipment Ty		FILTER S	IZE: μm
	ONTAMINATIO	ON: PUN	IP (2) N		TUBING		placed)	DUPLICATE:		(N)	
SAMPLE	PLE CONTAINS	MATERIAL		PRESERVAT	IVE	ATION (includ	FINAL	INTEND ANALYSIS A METHO	ND/OR E	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
DEPMIN 125-41)	CONTAINERS 2	HOPE	125mL	USED	ADDE	D IN FIELD (	mL) pH	W-PFAS-	M.S	ESP	400
(2,)		HOVE	(2)								
REMARKS	•	s ds ^									
MATERIAL	CODES:	AG = Amber S = Silicone;		= Clear Glass; O = Other (		High Density	Polyethylene;	LDPE = Low De	ensity Polyet	hylene; PF	= Polypropylene;
SAMPLING	EQUIPMENT		RFPP = Revers	hrough) Perist se Flow Perista	altic Pump;		r; BP = Blad Method (Tubing	Gravity Drain);		: Submersible er (Specify)	Pump;

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

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

	vern	1 - 00	(100-12	SAMP	LE ID:	epmw.	- + (10	xd - (	20)	DATE: (	0.14.2	2.1	
					PUR	GING DA	ATA						
WELL DIAMETER	(inch)	Z TUBI	NG ETER (inches)			N INTERVAL	STA	ATIC D	EPTH 21	PI PI	URGE PUMI	PTYPE	
WELL VOL			OLUME = (TO	TAL WELL DE	EPTH:\6 ©	feet to 125	feet TO	WATE	R (feet): 27.	30 OI	R BAILER:	ESP	
(only fill out	if applicable)		OLUME - (10		- SI	ATIC DEPTH	10 WATER	R) X		ITY		1 79	
EQUIPMEN	IT VOLUME P	URGE: 1 FO	= ( QUIPMENT VO	(20)	feet -	27.54	fee	t) X	16	gallons/fe	001 =	4.79	gallo
(only fill out	if applicable)	a a		E I OWIF W.C	JEOINE + (10	IBING CAPAC	X YTI	10	BING LENGTH	+ FLOW C	ELL VOLUN	ΛE	
INITIAL DUA	MP OR TUBIN	( <b>9</b>	16C)		gallons + (		ons/foot X		feet)	+	gallo	ns =	gallo
DEPTH IN V	WELL (feet):	~ Z9	DEPTH IN	MP OR TUBIN WELL (feet):	NG~ 20	PURGII	NG ED AT:	<b>プフ</b> ヘ	PURGING ENDED AT:	2037	TOTAL	/OLUME	35
		CUMUL.		DEPTH	1	Timilai			DISSOLVED	000	PURGE	O (gallons):	د ج
TIME	VOLUME PURGED	VOLUME		то	pH (standard	TEMP.	CONE (circle ur		OXYGEN	TURBIDI	ITY CO	LOR	
	(gallons)	PURGED (gallons)	RATE (gpm)	(feet)	units)	(°C)	μmhos/c		(circle units) (mg/L )or	(NTUs		cribe)	DOP
1735	15	15	1.0	(1000)	+		or (µS/c	<b>ツ</b>	% saturation				
1739	4	19	1.0										
	1	-,-	*		TOPPE		TER	13	gal	due	to	heave	1
1743	_~	23		251	PIMS	overm		We	11 1000	LION	15 0	lose -	0
			- 1		uter	of d	raina	RE	ditch	. cle	sed o		
		O #84		an	ticipa	tion .	t t1	<b>2</b> .	va.		(Su		
	2	044	Resun	wed b	ungia				-3	-			
2029	15	15	1.0	27.55	7.43	25.50	549	2	4.53	12.8	3 cle	ear No	adi
2033	4	19	(.0	27.55	7.42	25.57	550		4.47	9.9			
2037	4	23	1.0	27.55	7.39	25.58			4.20	80			<u>'                                    </u>
				1.03		22.00	34	<b>&gt;</b> +	1.30	000	((		<u>'</u>
WELL CAPA	CITY (Gallon	s Per Foot):	<b>0.75"</b> = 0.02;	1" = 0.04;	1.25" = 0.0	6; <b>2</b> " = 0.10	6; <b>3"</b> = 0	.37:	4" = 0.65: 5	" = 1.02·	£" = 1.47:	42" - 5 00	
TUBING INS PURGING E	IDE DIA. CAF QUIPMENT C	ODES: E	/Ft.): 1/8" = 0.	0006; 3/16' BP = Bladder I	" = 0.0014; Pump; E SAMP	1/4" = 0.002 SP = Electric	6; 5/16" Submersible	= 0.00	)4; 3/8" = 0.0	" = 1.02; 006; 1/2 istaltic Pum	6" = 1.47; " = 0.010; pp; O =	12" = 5.88 5/8" = 0.01 Other (Specif	6
PURGING EC	IDE DIA. CAF QUIPMENT C Y (PRINT) / A	PACITY (Gal.: ODES: E	/Ft.): 1/8" = 0. 3 = Bailer;	0006; 3/16	" = 0.0014; Pump; E SAMP	1/4" = 0.002 SP = Electric	6; 5/16" Submersible	= 0.00	3/8" = 0.0 p; PP = Per	006; 1/2 istaltic Pum	" = 0.010; p; O =	5/8" = 0.01 Other (Specif	6
PURGING ECT SAMPLED BY	UIPMENT C Y (PRINT) / A	PACITY (Gal., ODES: E	(Ft.): 1/8" = 0.  B = Bailer;	0006; 3/16' BP = Biadder I	Pump; E SAMP SIGNATUR	1/4" = 0.002 SSP = Electric PLING DA	6: 5/16" Submersible	e Pump	3/8" = 0.0  PP = Per  SAMPLING INITIATED AT:	2038	" = 0.010; pp; O =	5/8" = 0.01 Other (Specif	6
PURGING EC SAMPLED BY PUMP OR TU DEPTH IN W	Y (PRINT) / A  ATHER  JBING ELL (feet):	PACITY (Gal., ODES: E	(Ft.): 1/8" = 0.  B = Bailer;	0006; 3/16' BP = Bladder I	Pump; E SAMP SIGNATUR	1/4" = 0.002 SP = Electric	6; 5/16" Submersible	e Pump	3/8" = 0.0 p; PP = Per	2038	" = 0.010; p; O =	5/8" = 0.01 Other (Specif	6
SAMPLED BY PUMP OR TU DEPTH IN WI	Y (PRINT) / A  ATHLE  JBING  ELL (feet):	FILIATION:  FILIATION:  N: PUM	(Ft.): 1/8" = 0.  B = Bailer;  SYNTEC  NOTICE  NOTICE	SAMPLERS TUBING MATERIAL C	Pump; E SAMP SIGNATUR	1/4" = 0.002 SP = Electric LING DA	6; 5/16" Submersible	e Pump	SAMPLING INITIATED AT:	2038	" = 0.010; pp; O =	5/8" = 0.01 Other (Specif	6 (y)
SAMPLED BY PUMP OR TU DEPTH IN W SAMPLED BY SAMPLED BY PUMP OR TU DEPTH IN W SAMPLED SAMPLED	Y (PRINT) /A  ATHER  JBING ELL (feet):  NTAMINATIO	PACITY (Gal., ODES: E FFILIATION: GARAGE PACITY (Gal., ODES: E	(Ft.): 1/8" = 0.  B = Bailer;  SYNTEC  NOTICE  NOTICE	3/16 BP = Bladder I SAMPLER(S) TUBING MATERIAL C	Pump; E SAMF SIGNATUR ODE: Y	1/4" = 0.002 SP = Electric LING DA	Submersible  TA  File  placed)	e Pump	3/8" = 0.0  PP = Per  SAMPLING INITIATED AT:  ILTERED: Y  Equipment Type	2038	" = 0.010; np; O =  SAMPL ENDED  FILTER	SIZE:	6 fy) Э
SAMPLED BY PUMP OR TU DEPTH IN WI FIELD DECO SAMPLE SAMPLE	Y (PRINT) / A  PINT (Feet):  NTAMINATIO  #	PACITY (Gal. ODES: E FFILIATION: C PUN: PUN R SPECIFIC MATERIAL	(Ft.): 1/8" = 0.  B = Bailer;  SYNTEC  BTOC  ATION	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	e Pump	A; 3/8" = 0.0  SAMPLING INITIATED AT: ILTERED: Y Equipment Type DUPLICATE: INTENDE ANALYSIS AN	2038 2006; 1/2 istaltic Pum 2038 2008	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT	SAMPLE FLOW R	6 fy) μm PUM RATE
SAMPLE DEATH IN WEIGHT SAMPLE SAMPLE SAMPLE SAMPLE DECO SAMPLE DECODE C C C C C C C C C C C C C C C C C C C	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	3/16* BP = Bladder I  SAMPLER(S)  TUBING MATERIAL C  SAMPLE	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric PLING DA ES): Y N (re	Submersible  TA  Fi Fill  placed)  ng wet ice)  FINA	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUM RATE
SAMPLE DEAD DECO SAMPLE DEPTH IN WITH SAMPLE DECODE COPMAN TO THE SAMPLE DECODE COPMAN TO THE SAMPLE DECODE TO THE SAMPLE TO THE	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: C PUN: PUN R SPECIFIC MATERIAL	(Ft.): 1/8" = 0.  B = Bailer;  SYNTEC  ATION	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	A; 3/8" = 0.0  SAMPLING INITIATED AT: ILTERED: Y Equipment Type DUPLICATE: INTENDE ANALYSIS AN	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT	SAMPLE FLOW R	6 fy) μm PUM RATE
SAMPLE DEATH IN WEIGHT SAMPLE SAMPLE SAMPLE SAMPLE DECO SAMPLE DECODE C C C C C C C C C C C C C C C C C C C	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUN RATE
SAMPLE DEAD DECO SAMPLE DEPTH IN WITH SAMPLE DECODE COPMAN TO THE SAMPLE DECODE COPMAN TO THE SAMPLE DECODE TO THE SAMPLE TO THE	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	β (y) μm PUM RATE
SAMPLE DEAD DECO SAMPLE DEPTH IN WITH SAMPLE DECODE COPMAN TO THE SAMPLE DECODE COPMAN TO THE SAMPLE DECODE TO THE SAMPLE TO THE	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 (y) μm PUM RATE
SAMPLE DEAD DECO SAMPLE DEPTH IN WITH SAMPLE DECODE COPMAN TO THE SAMPLE DECODE COPMAN TO THE SAMPLE DECODE TO THE SAMPLE TO THE	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUM RATE
SAMPLED BY PUMP OR TU DEPTH IN WI FIELD DECO SAMPLE ID CODE C PMA-7 8'-125'	Y (PRINT) /A  Y	PACITY (Gal. ODES: E FFILIATION: DN: PUN R SPECIFIC MATERIAL CODE	Ft.): 1/8" = 0.  B = Bailer;  B TOO  MP N  ATION  VOLUME	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUM RATE
PURGING EX  SAMPLED BY PUMP OR TU DEPTH IN W FIELD DECO SAMPLE ID CODE C PMA-7 S'-(25)	Y (PRINT) / A ATHLA JBING ELL (feet): NTAMINATIC E CONTAINE CONTAINERS 2	PACITY (Gal. ODES: E  FFILIATION: ON: PUN R SPECIFICA  MATERIAL CODE OPE	Ft.): 1/8" = 0.  B = Bailer;  B TOC  ATION  VOLUME  125 M	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT USED	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 (y) μm PUM RATE
PUMP OR TUDENTH IN WITH THE IN T	Y (PRINT) /A  ATHER  JBING ELL (feet):  NTAMINATION  CONTAINERS  Z  SAMP	PACITY (Gal. ODES: E FFILIATION: CODE ODES: E FFILIATION: FUN R SPECIFICA MATERIAL CODE OPE	Ft.): 1/8" = 0.  B = Bailer;  B TOC  AP D N  ATION  VOLUME  125 M	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT USED	Pump; E SAMF SIGNATUR  ODE: H TUBING E PRESERVA	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  g wet ice)  FIN.	ELD-FI	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038  2038  2038  D/OR S	" = 0.010; pp; O =  SAMPL ENDED  FILTER  N  SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUM RATE
PURGING EX  SAMPLED BY PUMP OR TU DEPTH IN W FIELD DECO SAMPLE ID CODE C PMA-7 S'-(25)	Y (PRINT) /A  ATHER  JBING ELL (feet):  NTAMINATION  CONTAINERS  Z  S  A  ODES:	PACITY (Gal. ODES: E FFILIATION: CODE ODES: E FFILIATION: FUN R SPECIFICA MATERIAL CODE OPE	Ft.): 1/8" = 0.  B = Bailer;  B TOC  MP  N  ATION  VOLUME  125 M  Glass; CG =	SAMPLERS TUBING MATERIAL C SAMPLE PRESERVAT USED	T = 0.0014; Pump; E SAMF SIGNATUR  ODE: TUBING E PRESERVA  IVE ADDE  HDPE = H	1/4" = 0.002 ESP = Electric LING DA ESS: Y N (re ATION (includin	Submersible  TA  File  placed)  ng wet ice)  FIN, ph	ELD-FI tration	SAMPLING INITIATED AT: LTERED: Y Equipment Type DUPLICATE: INTENDE! ANALYSIS AN METHOD	2038 2008 Y DOOR S	" = 0.010; p; O =  SAMPL ENDED  FILTER  N SAMPLING QUIPMENT CODE	SAMPLE FLOW R (mL per m	6 fy) μm PUMRATE

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: January 2017

SITE NAME: PPSFC  SITE LOCATION: 6CA LA FC												
WELL NO: DEPMW -8 (20-40) SAMPLE ID: DEPMW -8 (20-40) DATE: 6-14-21												
PURGING DATA												
WELL TUBING 3/2 WELL SCREEN INTERVAL STATIC DEPTH TO WATER (feet): 27.54 OR BAILER: ESP  WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY												
(only fill out if applicable)  = ( 10												
	T VOLUME PU if applicable)	JRGE: 1 EQU	IPMENT VOL.		UME + (TUB allons + (		ns/foot X	feet		gallons		
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29-5  FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29-5  DISSOLVED  DISSOLVED  TOTAL VOLUME PURGING ENDED AT: 17-29  PURGING ENDED AT: 17-29  DISSOLVED										UME pallons): 2.4		
TIME	VOLUME VOLUME PURGE		DEPTH TO WATER (feet) pH (standard units)		TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	OXYGEN (circle units) (mg/l or % saturation	TURBIDI (NTUs)		De) ORP		
1725	2.0	2.0	0.2	2755	7.13	23.08	551	5-28	11.1	CLR	233.4	
1727	0. 7	2.2	0.(	27.55	7-12	23.05	551	5.13	4.5	an		
1729	0.2	2-4	21	27-55	7.12	23.04	551	5.14	3.35	ue	233.6	
WELL CAP TUBING IN	ACITY (Gallon SIDE DIA. CAI	PACITY (Gal./	Ft.): 1/8" = 0.	0006; 3/16	a Tirra na L	1/4" = 0.002	26; 5/16" = 0	0.004; 3/8" = 0			12" = 5.88 5/8" = 0.016 ther (Specify)	
PURGING I	EQUIPMENT C	ODES: B	= Bailer;	BP = Bladder		LING DA	Submersible P	ump; PP - P	eristaltic Pur	пр, 0-0	ther (opeciny)	
(N) (24)	BY (PRINT) / A	1 /	SYNAEC	SAMPLER(S			114	SAMPLING INITIATED A	т: 17-36	SAMPLIN ENDED A		
PUMP OR	TUBING WELL (feet):	29.5		TUBING MATERIAL C	ODE: A	DPE		D-FILTERED: Y	(N)	FILTER S	IZE: μm	
	ONTAMINATIO	ON: PUN	IP QL N		TUBING	Y N	eplaced)	DUPLICATE	: Y	N		
	PLE CONTAINI	ER SPECIFICA		SAMPLI		ATION (includ	ling wet ice)	INTEND ANALYSIS	AND/OR I	SAMPLING EQUIPMENT	SAMPLE PUMP FLOW RATE	
SAMPLE ID CODE	CONTAINERS	CODE	VOLUME	USED		D IN FIELD	mL) pH	METH		CODE	(mL per minute)	
-3 (2 W)	4	Hope	123nL	ICE		1	_	M-Seas.	MS	Esp	400	
								F.E.				
REMARKS												
KEIVIAKA	'e 						D.1. #. '	LDDE 1	anaih, Dali -	ibulana: BE	I - Bolypropylene:	
MATERIAL		AG = Amber S = Silicone;	T = Teflon;	Clear Glass; O = Other (	Specify)	High Density		LDPE = Low D			Pump:	
SAMPLING	G EQUIPMENT		RFPP = Rever	hrough) Perist se Flow Perist	altic Pump;			g Gravity Drain);		c Submersible er (Specify)	ruilip,	

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

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

SITE NAME:	FFSF	C.					TE CATION: (	Ocala.	FL			
WELL NO:			M-2	00)	SAMPLE	ID:V15A	MW (	M-200)		DATE: 6	-14-21	
							SING DA		()	STOC)		
WELL DIAMETER	t (inches):	4	TUBING DIAMETE	ER (inches):	DEF	LL SCREEN PTH: <b>30</b> fe	et to 40 f		DEPTH ER (feet): 33.	13 PU	RGE PUMP T	esp (
WELL VOL (only fill out			ELL VOLU		TO		TIC DEPTH T	O WATER) X	WELL CAPACI	TY gallons/fo	of = 4.	46 gallons
			: 1 EQUII				BING CAPACI		JBING LENGTH)			300000
(only fill out	іт арріісаві	e)	(BTOC)	i -	= g	allons + (	gallo	ns/foot X	feet)	+	gallons	= gallons
INITIAL PU DEPTH IN			35	FINAL PUM DEPTH IN V	P OR TUBINO WELL (feet):	3-35	PURGIN INITIATE	G ED AT: 1232	PURGING ENDED AT:	1241	TOTAL VO PURGED (	
TIME	VOLUMI PURGEI (gallons	E V	UMUL. OLUME URGED gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP, (°C)	COND. (circle units) µmhos/em or µS/cm	OXYGEN (circle spits) (mg/L or % saturation	TURBIDI (NTUs)		be) ODOR
1237	5	5		0.1	33.14	6.77	Z5.16	610	0.44	1.09	clea	
1239	2		7	1	33.14	6.76	25.14	610	0.52	0.94		99.9
1241	2		٩	<u> </u>	33.14	6.75	25.14	609	0.55	0.87	7 4	93.8
											_	
		_										
WELL CAF	PACITY (Ga	llons Per	Foot): 0.	<b>75"</b> = 0.02;	1" = 0.04;	<b>1.25</b> " = 0.0	6; <b>2"</b> = 0.1	6; <b>3</b> " = 0.37;		<b>5"</b> = 1.02;	<b>6"</b> = 1.47;	<b>12"</b> = 5.88
TUBING IN	ISIDE DIA. EQUIPMEN	CAPACI	TY (Gal./Ft	.): <b>1/8"</b> = 0.0	0006; 3/16' 3P = Bladder		1/4" = 0.002 SP = Electric	6; 5/16" = 0. Submersible Pu		.006; 1/2 eristaltic Pur	2" = 0.010; np;	5/8" = 0.016 Other (Specify)
TORONIO	EQUI MEN	II CODE		<i>Banon</i> , 2			LING DA					
SAMPLED	BY (PRINT			1	SAMPLER(S	SIGNATUR		0	SAMPLING INITIATED A	124	SAMPLIN ENDED	
PUMP OR		10	Edsyn	3	TUBING	2/10	IDPE		-FILTERED: Y		FILTER S	SIZE: µm
	WELL (feet		PUMF	-	MATERIAL C	ODE: TUBING		Filtrati	on Equipment Ty DUPLICATE:		(R)	7
	PLE CONTA	_			***		ATION (includ		INTEND		SAMPLING	SAMPLE PUMP
SAMPLE ID CODE	# CONTAINER	MA	TEDIAL	VOLUME	PRESERVAT USED	IVE	TOTAL VOL	FINAL	ANALYSIS A METHO	ND/OR I	EQUIPMENT CODE	FLOW RATE (mL per minute)
A MW	Z	HO P		125 ml				_	W-PFAS	-M5	Est	~ 3800
(m-200)	)											
REMARKS		PLE	Tim	6: 12	242							
MATERIAI		AG	= Amber G	ilass; CG =	Clear Glass;		High Density I	Polyethylene;	LDPE = Low De	ensity Polyet	hylene; PF	P = Polypropylene;
SAMPLING	G EQUIPME		ES: A		O = Other (	altic Pump;	B = Bailer		1 '		Submersible	Pump;
					e Flow Perista			Method (Tubing		U = Othe	er (Specify)	

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

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

## Geosyntec Consultants Water Quality Instrument Calibration Form

Project/Site:	SFC			Project #: 977	5224	Field Personne	el: KIER	AN G	A LLAGHER			
Water Quality Meter		rial #: \/\$\	116				Turbidimeter - I	Model/Serial	# Huch 2100 Q			
Dissolved Oxygen	DEP SOP FT 1500	Date	Time	Temp (°C)	Saturation (mg/L) <sup>1</sup>	Reading (mg/L)	Reading (%)	Pass or Fail	0.1 - 10 NTU Std <u>/ 0</u> NTU	Date	Reading (NTU)	Fail
CAL ICV CCV CAL ICV CCV CAL ICV CCV CAL ICV CCV		6-14-21	0017 7021	21.6	8-31 <b>8880</b>	8.71	108 - \	+/-0.3mg/L F P F P F	CAL ICV CCV CAL ICV CCV CAL ICV CCV	Accep 6-14-21	tance Criteri	a: +/- 10% F F P F P F
Specific Conductance	DEP SOP FT 1200	Date	Time	Standard (mS/cm)	Standard Lot #	Standard Exp. Date	Reading (mS/cm)	Pass or Fail	11 - 40 NTU Std <u>2                                   </u>	Date	Reading (NTU)	Pass or Fail
CAL ICV CCV CAL ICV CCV CAL ICV CCV CAL ICV CCV		Co-14.21	0819 2024e	1413	168572	2/22 U	Acceptance Crit	P F P F	CAL ICV CCV CAL ICV CCV CAL ICV CCV	Acce 6-14-21	ptance Crite 20. 4 20. 2	ria: +/- 8% P F P F P F
рН	DEP SOP FT 1100	Date	Time	Standard (SU)	Standard Lot #	Standard Exp. Date	Reading (SU)	Pass or Fail	41 - 100 NTU Std <u>iOO</u> NTU	Date	Reading (NTU)	Fail
CAL ICV CCV CAL ICV CCV CAL ICV CCV		614-21	0827	<u>4</u> <del>7</del> _	16836	2 23 2 23	cceptance Criteria イルス 子. 어	₽ F ₽ F	CAL ICV CCV CAL ICV CCV	6.14.51	197.5	(Р) F Р F Р F
CAL ICV CCV CAL ICV CCV CAL ICV CCV			~833 Z035	10	166200	2 23	7.03	- P F F F F F F F	CAL ICV CCV CAL ICV CCV CAL ICV CCV CAL ICV CCV			P F F F F F
CAL ICV CCV				28 <b></b>				PF	CAL ICV CCV			PF
ORP	SOP N/A	Date	Time	Std. mV @ Temp °C	Standard Lot #	Standard Exp. Date	Reading (mV)	Pass or Fail	>100 NTU Std 200 NTU	Date	Reading (NTU)	Fail
CAL ICV CCV CAL ICV CCV	)	6.14.21	2040	240	1GB052	11/21	230 232	teria: +/- 5% F P F	CAL ICV CCV CAL ICV CCV CAL ICV CCV	6-14-21	2775	eria: +/- 5% P
Specific Conductar  1. See Table FS 2200-  CAL - Initial Calibration ICV - Initial Calibration ICV - COV - Continuing Calibr	2 on the back /erification ration Verification	of this form on	(No)	1	Comments:	hanged? Yes	(No)					
Allow adequate time for Calibrate specific conducation of the Calibrate pH using at least If parameter fails to calil	ıctance using a ast two standaı	it least two standa rds (typ. pH 4 and	rds that bracket the 7) that bracket the	range of expected sa range of expected sa	mple readings; always	s readings < 0.1 mS s start with pH 7; add	/cm then one standar d a third calibration po	rd of 0.1 mS/cm pint if needed (i.	n is acceptable) .e. pH > 7)	(	Geosyt	itec <sup>b</sup>

#### **Geosyntec Consultants** Water Quality Instrument Calibration Form

Project/Site: FF	SFC			Project #: FR	7522A	Field Personne	: Rik	MATH	ikS		
Water Quality Meter	- Model/Se	rial# 155	556	14 A 1001	.08		Turbidimeter -	Model/Seria	# HACH 2000	Q 181	110C 07218
Dissolved Oxygen	DEP SOP FT 1500	Date	Time	Temp (°C)	Saturation (mg/L) <sup>1</sup>	Reading (mg/L)	Reading (%)	Pass or Fail	0.1 - 10 NTU Std b NTU	Date	Reading Pass or (NTU) Fail
CAL ICV CCV CAL ICV CCV CAL ICV CCV		6-14-21	2100	25.51 23.74	8.188 8.46	8.23 8.41	100.6	+/-0.3mg/L P F P F P F	CAL ICV CCV CAL ICV CCV CAL ICV CCV	6-14-71 11	10.2 P F 10.0 F F P F
Specific Conductance	DEP SOP FT 1200	Date	Time	Standard (mS/cm)	Standard Lot #	Standard Exp. Date	Reading (mS/cm)	Pass or Fail	11 - 40 NTU Std20 NTU	Date	Reading Pass or (NTU) Fail
CAL ICV CCV CAL ICV CCV CAL ICV CCV		6.14.21	2104	1413	16857	7 2 22	Acceptance Crit	F F F F P F P F	CAL ICV CCV CAL ICV CCV CAL ICV CCV	10.(4.2)	20.1 P F 19.9 P F P F
pH	DEP SOP FT 1100	Date	Time	Standard (SU)	Standard Lot #	Standard Exp. Date	Reading (SU)	Pass or Fail	41 - 100 NTU Std <u>100</u> NTU	Date	Reading Pass of (NTU) Fail
CAL CV CCV CAL CV CCV CAL CV CCV CAL ICV CCV		6-14-21	0821 0831 0836 2109	7.00 4.00 10.00 7.00	168200 168396 168961	2 7023 2 7023 1 7023 1 723 2 7023	7.12 4.04 10.10 7.10	# +/-0.2 SU	CAL ICV CCV	Accep 6.14-21	103
ORP	SOP N/A	Date	Time	Std. mV @ Temp °C	Standard Lot #	Standard Exp. Date	Reading (mV)	Pass or Fail	>100 NTU Std <b>300</b> NTU	Date	Reading Pass of (NTU) Fail
CAL ICV CCV CAL ICV CCV		6-14-21	2115	240.0	164114	Geosynted OCT/L\	Acceptance Cri	teria: +/- 5%  P F P F	CAL ICV CCV CAL ICV CCV	6.14.21	### P F
Specific Conductan	ice Probe C	leaned? Yes	(NO)	Disolved Oxyg	gen membrane C	hanged? Yes (	No)				
1. See Table FS 2200-2 CAL - Initial Calibration ICV - Initial Calibration V CCV - Continuing Calibr	2 on the back /erification ration Verificati	of this form			Comments:						
Allow adequate time for Calibrate specific condu Calibrate pH using at lea	ctance using a	at least two standa	rds that bracket the	range of expected sa	ample readings (unles mple readings; alway	s readings < 0.1 mS/ s start with pH 7; add	cm then one standa a third calibration p	rd of 0.1 mS/cm pint if needed (i.	n is acceptable) .e. pH > 7)	•	Geosyntec Consultants

consultants

If parameter fails to calibrate within SOP acceptance criteria then append sample results with a "J" qualifier

# **ATTACHMENT B**Photographic Log

## **GEOSYNTEC CONSULTANTS Photographic Record**

Geosyntec<sup>▶</sup> consultants

**Client: Florida Department of Environmental** 

**Protection** 

**Project Number: FR7522A** 

**Site Name: Former Florida State Fire College** (FFSFC)

Site Location: 1501 W Silver Springs Blvd,

Ocala, FL

Photograph 1

Date: 14 June 2021 9:44

**Direction: NW** 

**Comments: View of** 

equipment

decontamination. All equipment was rinsed and scrubbed in a five (5) bucket sequence with **Liquinox and PFAS-free** water.



## Photograph 2

Date: 14 June 2021 10:52

**Direction: S** 

**Comments: Kugelmann** Land Surveying surveyed the newly installed monitoring wells and the WMS VISA monitoring well.



## GEOSYNTEC CONSULTANTS Photographic Record

Geosyntec consultants

Client: Florida Department of Environmental

**Protection** 

**Project Number: FR7522A** 

**Site Name: Former Florida State Fire College** (FFSFC)

Site Location: 1501 W Silver Springs Blvd,

Ocala, FL

Photograph 3

Date: 14 June 2021 12:45

**Direction: S** 

Comments: Groundwater sampling activities at the WMS VISA monitoring well.



## Photograph 4

Date: 17 June 2021 10:26

**Direction: NW** 

Comments: Three drums were staged at the end of the groundwater sampling event, and they were removed from the site on 17 June 2021.



## **GEOSYNTEC CONSULTANTS Photographic Record**

Geosyntec consultants

Client: Florida Department of Environmental Project Number: FR7522A

Site Name: Former Florida State Fire College (FFSFC) Site Location: 1501 W Silver Springs Blvd, Ocala, FL

Photograph 5

Date: 15 June 2021 17:25

**Direction: NA** 

Comments: Samples were shipped on 15 June 21 and arrived on 16 June 21. Samples were placed on top of ice, covered with ice, and shipped with the chain of custody, RQ, and the cooler checklists taped to the cooler lid.

