



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2016

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Data Qualified?
Yes ☒ No ☐

STORET Station Name: Deep Creek upstream 1/2 mi N Pine Island Rd Date: 02/03/2016
(mm/dd/yyyy)

STORET Station ID: G5NE0017 Latitude: 30.0681111
(Decimal Degrees)

WBID: 2406B RQ: NA ORG ID: 21FLA Longitude: 81.40291667
(Decimal Degrees)

Receiving Body of Water: ICW Field ID: _____ County: St. Johns

Sampling Team Members								Sampling Equipment			
								☐ Sample Container	☐ Van Dorn	☐ Pole	
								☐ Carboy	☐ Syringe		
								☐ Dipper	☐ Other	<u>NA</u>	
Equipment ID											
Collection Method											
☐ Wading								☐ Via Boat			
☐ From Shore								☐ Canoe/Kayak			
☐ Other (note below) <u>NA</u>								☐ Electric Motor			
								☐ Gasoline Motor			
Water Level: Dry / Low / <u>Normal</u> / High / Flooded								Matrix: <u>Fresh</u> / Marine / DI			
Meter ID# <u>YSI #4</u>								Photos: <u>Yes</u> / No			
								Tide Falling: Yes / No / <u>NA</u>			

Field Sample										
Time Zone	Time	Total Depth (m)	Sample Depth	Temp (°C)	DO (mg/L)	DO (%SAT)	COND (µmhos/cm)	Salinity (ppt)	pH	Secchi Disk (m)
<u>EST</u>	<u>1320</u>	<u>0.1</u>	<u>0.05</u>	<u>25.5</u>	<u>4.88</u>	<u>54.2</u>	<u>349</u>	<u>0.17</u>	<u>7.06</u>	<u>>0.1</u>
CEN										

Biological Samples Collected: None HA SCI LVS RPS LVI Other _____						
Parameter Suite	Parameter Methods		Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ TKN / TP / Nox / NH3 / TOC	☐ Other _____	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS <u>not</u> ☐ W-ICP		☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ oP	☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W		☐ Ice			
BOD	☐ BOD-INHB ☐ BOD-UNIN		☐ Ice			
Physical/Aggregate	☐ TSS / Turbidity / Alkalinity / Color	☐ Other _____	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC		☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococcus ☐ QPCR		☐ Ice			
Periphyton	☐ ALGAE-ID		☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ W-PSCL-TQA ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____			

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: YSE #4

Project: SMP Recon UEC NOLTH

Notes: (1) Numbers ≤4, are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).

(2) Always wait for meter to stabilize before recording any readings.

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site Lab

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time	Temp	D.O. Chart	Meter D.O.	% DO	Probe Charge	Probe Gain	Pass	Lab
Calibr.	J Paros	2/3/16	630	22.58	8.66	8.64	100	59.4	0.951	P	L
ICV	J	J	631	22.5	8.64	8.64	100	59.4	0.951	P	L
CCV	J Gevertzel	2/3/16	1415	22.0	8.74	8.74	99.9	59.4	0.9502	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

Acceptance criteria from Table ±0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec.	Name	Date	Time	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass	Lab
Cond.									
Calibr.	J Paros	2/3/16	634	1511313	11/16	1000	1000	P	L
ICV	J	J	635	1165864	11/16	58640	57321	P	L
CCV	J Gevertzel	2/3/16	1420	15111313	11/16	1000	1003	P	L
CCV	J Gevertzel	2/3/16	1423	150701	11/16	100	103	P	L

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria ± 5%

pH DEP SOP	Name	Date	Time	Lot #	Expir. Date	pH Buffer	Meter reading SU	mV	Pass	Lab
Calibr.	J Paros	2/3/16	634	2504818	4/17	7.0	7.0		P	L
Calibr.	J	J	640	2504874	4/17	4.0	4.0		P	L
Calibr.	J	J	641	2506675	11/16	10.0	10.0	-208.8	P	L
ICV	J	J	643	2504818	4/17	7.0	7.08	-435	P	L
CCV	J Gevertzel	2/3/16	1426	2504818	4/17	7.0	7.11	-46.3	P	L
CCV	J Gevertzel	2/3/16	1427	2506675	11/16	10.0	10.10	-244.3	P	L

Report pH with one decimal place; pH Acceptance criteria ±0.2 SU; mV pH7 Range 0±50;

mV pH 4 Range +180±50;

mV pH 10 Range -180±50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 m

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor	Name	Date	Time	Zero the Sensor	ICV Value	Pass /	Lab /
Pressure mode in air				0.000			

ICV acceptance criteria ±5 % or ±0.05m, whichever is greater