



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Hewitt Lake Center

Date: 5/22/2018
(mm/dd/yyyy)

WIN/Field ID: G1NE0865

WBID: 2743A

Latitude: 29.542253
(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -81.92604
(Decimal Degrees)

Receiving Body of Water: Hewitt Lake Outlet

RQ-2018- 05-21-19

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>B - P -</u> <u>P O'Connor</u>									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>YSI 7</u>		
Equipment ID <u>0676074</u>		

Collection Method		
☐ Wading	☒ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low <u>Normal</u> / High / Flooded	Meter ID# <u>YSI 7</u>	Matrix: <u>Fresh</u> / Marine / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Interstitial / Flowing / <u>NA</u>	Tide: Rising/ Falling/ Slack / <u>NA</u>
Tide Times: High <u> </u> Low <u> </u>		

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1310	5.4	0.3	2.1	7.55	94.1	6.34	0.03	60	26.65 ✓
CEN	1315		4.9		0.61	7.3	<u>5.66</u> <u>5.42</u>	0.03	61	25.01 ✓

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4	SA7275010	10/2/15	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	K7KA12512		
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: Eddie Prael
352-546-2443

WIN/Field ID:
G1NE0865

Hewitt Lake Center

Signature: [Signature] Date: 5/22/18

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature] QC Station ID, Field Parameters in LIMS DMT: BT 6/4/18

Scan/Save Field Sheets BT 6/4/18 Migrate Data to WIN: [Signature] Verify Data in WIN: [Signature]

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____		Field ID: _____	
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: <u>1115</u>		Field ID: _____	
DI Source: <u>NE ROC LAB</u>		Location: <u>Penne Pond Center NE ROC DI</u>		Equipment ID: <u>ORTHO # 44</u>	
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H ₂ SO ₄	<u>7275010</u>	<u>10/2/18</u>	☒ < 2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO ₃	<u>7341010</u>	<u>12/7/18</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>177412512</u>		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes:		Field ID: 	
		BLANK 05172018	
		Field Blank	
		Location: NE ROC DI	
Signature: <u>B. D.</u>		Date: <u>5/22/18</u>	

Field Parameters Entered into LIMS: <u>JS 5/22/18</u>	Field Parameters QC in LIMS: _____
(Initials/Date)	(Initials/Date)
Date Migrated to STORET: _____	Field Sheets Scanned/Saved: _____
(Initials/Date)	(Initials/Date)

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish
Collected By: *Twice Twice, PO'Connor*

Field Report Prepared By: *Twice Twice*
Sampling Agency: *PEAR WET*

Location	WIN / Field ID:			☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	5/22/18	Time	1215	Eastern	Composite end	Date		Time		Bottle Group(s)	(See pg 2)
Field ID		G1NE0865			Matrix (type, e.g., Salt, Fresh, etc)													
WIN/STORE		Pegram Lake Center			Temp (C)	26.19											A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments												
Location	WIN / Field ID:			☒ Comp	Collection (comp begin or grab)	☒ Grab	Date	5/22/18	Time	1310	Eastern	Composite end	Date		Time		Bottle Group(s)	A
Field ID		G1NE0865			Matrix (type, e.g., Salt, Fresh, etc)													
WIN/STORE		Hewitt Lake Center			Temp (C)	26.65												
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments												
Location	WIN / Field ID:			☒ Comp	Collection (comp begin or grab)	☒ Grab	Date	5/22/18	Time	1055	Eastern	Composite end	Date		Time		Bottle Group(s)	215
Field ID		G1NE0864			Matrix (type, e.g., Salt, Fresh, etc)													
WIN/STORE		Penner Pond Center			Temp (C)	24.73												
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.01	Comments												
Location	WIN / Field ID:			☒ Comp	Collection (comp begin or grab)	☒ Grab	Date	5/22/18	Time		Eastern	Composite end	Date		Time		Bottle Group(s)	
Field ID		20030254			Matrix (type, e.g., Salt, Fresh, etc)													
WIN/STORE		RICE CR @ SR 309			Temp (C)													
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments												

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>B=V</i>	5/22/18 1600	FedEx	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2 to ALS</u>
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2 1</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0 1</u>
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0 1</u>

Sampling Agency:

Location		Field ID:		Collection (comp begin or grab)		Composite end		Bottle	
				Date		Date		Group(s)	
		BLANK 05172018		Time		Time		(See pg 2)	
Field ID		Field Blank		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		pH	
W/IN/STORET		Location: NE ROC DI		Temp (C)		pH		Sample Depth	
Latitude		Longitude		Salinity (ppt)		Comments		Bottle Group(s)	
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Grab		Date		Date		Time	
W/IN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		%	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance	
Longitude		Salinity (ppt)		Comments					
Location		Comp							

Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
NE-ALS-ECQ					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	/
W-PO4-F							

Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>0</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>0</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>

Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

2

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011 **PAGE**

PAGE OF

CAS Contract

[illegible]