



WIN / Field ID:



G1NE0867

ENVIRONMENTAL PROTECTION
ING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Church Lake Center

Date: 5/31/2018
(mm/dd/yyyy)

WBID: 27154

Latitude: 29 65 147

County: Putnam

ORG ID: 21FLA

Longitude: 81 06 697

Receiving Body of Water: Gum Creek

RQ-2018-04-23-23

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
P. O'Connor						X		X	X
A. Kalmbacker					X		X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with ruler		
Equipment ID Ortho # 3		

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

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded	Meter ID# 751T	Matrix: Fresh / 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 Low

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	1325		0.3		7.7	99.6	6.67	0.02	47	28.4
					4.3	52				
CEN	1328	7.4	3.0	1.7	6.4	6.4	6.02	0.02	47	25.4
	1332		6.9		0.64	6.4	5.85	0.02	54	15.4

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 ☒ H ₂ SO ₄	SA7275010	10/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <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-CL-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	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

THEIRING FISHER SCIENTIFIC
1000 W. MAIN ST.
MAINE, ME 04101
1-800-850-2711

Contains: 1:1 Sulfuric Acid
DANGER
Corrosive
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe dust/fume/gas/aerosol. Do not get in eyes, on skin, or on clothing. Wash thoroughly with water after use. Do not eat, drink, or smoke when using this product. Do not use near open flames or heat. Do not use in confined spaces. Do not use in areas where there is a risk of fire or explosion. Do not use in areas where there is a risk of asphyxiation. Do not use in areas where there is a risk of poisoning. Do not use in areas where there is a risk of environmental contamination. Do not use in areas where there is a risk of harm to aquatic life. Do not use in areas where there is a risk of harm to birds or other wildlife. Do not use in areas where there is a risk of harm to humans or other animals. Do not use in areas where there is a risk of harm to the environment. Do not use in areas where there is a risk of harm to the community. Do not use in areas where there is a risk of harm to the nation. Do not use in areas where there is a risk of harm to the world.

Place Preservation

Notes:

Place Label Here

Signature: A. Kalmbacker

Date: 5-31-2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets BD 6/4/18

Migrate Data to WIN:

Verify Data In WIN:

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

Page #

AL'S Contact: Jerry Allen

Page 1 of 1

[illegible]

Request Number: RQ-2018-04-23-23
Interlachen_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish
Collected By: P.D. Camner

Field Report Prepared By: A. K. Almbacher
Sampling Agency: FDEP/NE-ROC

WIN ID / Field ID:

G2NE1156

Smith lake Center

Latitude

☐ dd ☐ dms Longitude

WIN / Field ID:

G1NE1131

Clearwater lake Center

Latitude

☐ dd ☐ dms Longitude

WIN / Field ID:

G1NE0859

Mariner Lake Center

Latitude

☐ dd ☐ dms Longitude

WIN / Field ID:

G1NE0867

Church Lake Center

Latitude

☐ dd ☐ dms Longitude

Relinquished By:

Date/Time 5-31-2018

Shipping Method

FEDEX

Number of Coolers Shipped:

Received By:

Date/Time

Sampling Agency:

FDEP/NE-ROC

☐ Comp Collection (comp begin or grab)
☒ Grab Date 5-31-2018 Time

Eastern Composite end
Central Date Time

Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen ☐ mg/L ☐ % sat Total Res. Chlorine (mg/L)

Bottle Group(s) (See pg 2)

Temp (C) 21.7 pH 5.03

Salinity (ppt) 0.02

Comments

Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm)

47

A

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Central Date Time

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A

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Cooler Packing Worksheet for Request: RQ-2018-04-23-23

Interlachen_2018

Ship Cooler On: 4/13/2018

Customer/Project: NE-DIST/SMP

Assigned To: REYNOLDS_T

Requester: Jeremy M. Parrish

Priority: 3

904-256-1541
8800 Baymeadows Way W
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metal; E.coli to AEL-jaxs

Requested Analyses:

Bottle Group: A

of Sites: 7

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot # 66676681

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 7 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 7 Preservation: ICE

Lot # 615269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00167328

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: FILTER-ICE

Lot # 00069732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler R Number of Coolers: 2 Date: 04/09/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-23-23