



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
RING PROGRAM FIELD SHEET

WIN / Field ID:



G1NE0859

January 2018

Data Qualified?

Yes / No

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

Mariner Lake Center

WBID: 2715A

Latitude: 29.64704

ORG ID: 21FLA

Longitude: 81.88667

County: Putnam

Receiving Body of Water: Gum Creek

RQ-2018-04-23-23

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
P.O'Connor					X		X	X	☒ Sample Container	☐ Van Dorn	☐ Pole	
A. Kalmbacher				X		X			☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with meter			
									Equipment ID Ortho Kit 3			
									Collection Method			
									☐ Wading	☒ Canoe/Kayak		
									☐ From Shore	☐ Electric Motor		
									☐ Other	☐ Gasoline Motor		
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Meter ID# YSI 1				Matrix: Fresh / Marine / DI				
Photos: Yes / (No)				Flow: No Flow / Interstitial / Flowing (NA)				Tide: Rising/ Falling/ Slack/ (NA)				
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	1215	0.3	6.0+		6.9	87	5.97	0.02	37	27.7		
CEN	1218	3.0	end of cord	4m	5.32	66.5	5.83	0.02	38	27.0		
	1220	6.0+			0.57	6.4	5.77	0.02	53	21.4		
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 ☒ H2SO4		SA7275010	10/2018	☒ <2		
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2		
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice		R7KA12512				
Chlorophyll		☒ CHLSUITE-W				☒ Ice						
Physical/Aggregate (Fresh)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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						

Notes:		Place Label Here	
Signature: [Signature]		Date: 5-31-2018	

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature]		QC Station ID, Field Parameters in LIMS DMT: [Signature]	
Scan/Save Field Sheets: [Signature]		Migrate Data to WIN: [Signature]	
Verify Data in WIN: [Signature]			

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

Page #

AL'S Contact: Jerry Allen

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[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:

Field Report Prepared By:

A. K. Almbacher

FDEP/NE-ROC

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

Eastern Composite end Date Time

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

Temp (C)

pH

Salinity (ppt)

Sample Depth

Comments

NOT SAMPLING

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

Eastern Composite end Date Time

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

Temp (C)

pH

Salinity (ppt)

Sample Depth

Comments

5.03

0.02

1215

0.02

5.97

0.02

0.3

0.02

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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