



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name:

Mariner Lake

Date:

4/24/2018

WIN/ Field ID:

61NE0859

WBID:

2715A

Latitude:

29.64704

County:

Palm Bay

ORG ID:

21FLA

Longitude:

81.88667

Receiving Body of Water:

N/A

RQ-2018-

03-19-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
J. P. Smith B. Davis					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole							
										☐ Carboy	☐ Syringe								
										☐ Dipper	☐ Other								
Depth Measured with					Secchi #3					Equipment ID					0450 #3				
Collection Method																			
☐ Wading										☒ Canoe/Kayak									
☐ From Shore										☐ Electric Motor									
☐ Other										☐ Gasoline Motor									
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded					Meter ID#					#4 YSI					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	1110	6.0	0.3	2.3	8.3	98.0	8.37	0.01	31	23.6									
CEN																			
Biological Samples Collected: <u>None</u> 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		SA7341020	12/7/18	☒ <2									
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2									
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		127KA12512											
Chlorophyll	☒ CHLSUITE-W					☒ Ice													
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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:

WIN / Field ID:



G1NE0859

Mariner Lake Center

Signature:

[Signature]

Date:

4/24/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

04/26/18

QC Station ID, Field Parameters in LIMS DMT:

04/30/18

Scan/Save Field Sheets

04/30/18

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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

PAGE _____ OF _____

SR#	
CAS Contract	

Project Name Inter-lake		Project Number KA-2018-03-19-18		ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager J. Pruitt		Email Address REP-OverArchitect@FLAUS		PRESERVATIVE															
Company/Address REP DEAIR NET																			
8800 Rymerdors Way W Suite 100																			
Jacksonville FL 32256																			
Phone # 904 256-1541				FAX #															
Sampler's Signature J. Pruitt				Sampler's Printed Name Brick Davis															
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE TIME		MATRIX		NUMBER OF CONTAINERS											
G2NE1156				4/24/18 1000		SW		1											
G1NE1131				1045		1		1											
G1NE0859				1110		1		1											
20020116				1145		1		1											
G1NE0867				1210		1		1											
G1NE0869				1240		1		1											
SPECIAL INSTRUCTIONS/COMMENTS																			
TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE																			
REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No																			
INVOICE INFORMATION PO # BILL TO: RECEIVED BY																			
SAMPLE RECEIPT: CONDITION/COOLER TEMP:				CUSTODY SEALS: Y N															
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY													
Signature J. Pruitt		Signature Brick Davis		Signature		Signature													
Printed Name Brick Davis		Printed Name Brick Davis		Printed Name		Printed Name													
Firm FDEP NET		Firm ALS		Firm		Firm													
Date/Time 4/30 4/24/18		Date/Time 4/24/18 2:30		Date/Time		Date/Time													
Distribution: White - Return to Ordinator; Yellow - Retained by Client																			

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST
Project ID: SMPRequester: Nicole Frederick
Collected By: *[Signature]*Field Report Prepared By: *[Signature]*
Sampling Agency: DEAR NET

Location		WIN ID / Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	1000	Composite end	Date	Time	Bottle Group(s)		
Field ID		G2NE1156				Matrix (type, e.g., Salt, Fresh, etc)		Fres		Diss. Oxygen		7.6		Total Res. Chlorine		(See pg 2)	
WIN/STC		Smith lake Center				Temp		22.7		pH		6.63		Sample Depth		0.3	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.01		Comments					
Location		WIN / Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	1045	Composite end	Date	Time	Bottle Group(s)		
Field ID		G1NE1131				Matrix (type, e.g., Salt, Fresh, etc)		Fres		Diss. Oxygen		5.4		Total Res. Chlorine			
WIN/STO		Clearwater lake Center				Temp		23.5		pH		7.72		Sample Depth		0.3	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.02		Comments					
Location		WIN / Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	1110	Composite end	Date	Time	Bottle Group(s)		
Field ID		G1NE0859				Matrix (type, e.g., Salt, Fresh, etc)		Fres		Diss. Oxygen		8.3		Total Res. Chlorine			
WIN/ST		Mariner Lake Center				Temp		23.6		pH		8.37		Sample Depth		0.3	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.01		Comments					
Location		WIN / Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	1145	Composite end	Date	Time	Bottle Group(s)		
Field ID		20020116				Matrix (type, e.g., Salt, Fresh, etc)		Fres		Diss. Oxygen		7.9		Total Res. Chlorine			
WIN/ST		LAKE IDA CENTER				Temp		23.6		pH		7.90		Sample Depth		0.3	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.02		Comments					
Location		WIN / Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	1145	Composite end	Date	Time	Bottle Group(s)		
Field ID		20020116				Matrix (type, e.g., Salt, Fresh, etc)		Fres		Diss. Oxygen		7.9		Total Res. Chlorine			
WIN/ST		LAKE IDA CENTER				Temp		23.6		pH		7.90		Sample Depth		0.3	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.02		Comments					

Relinquished By: <i>[Signature]</i>	Date/Time	4/24/18	1630	Shipping Method	FedEx	Number of Coolers Shipped:	3	Received By:		Date/Time	
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6

Enter Number of Bottles Sent to Lab

ICE

Preservative:

of Bottles: 6

P-1L

Bottle Type:

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Enter Number of Bottles Sent to Lab

ICE

Preservative:

of Bottles: 6

BP-1L

Bottle Type:

CHLSUITE-W

Enter Number of Bottles Sent to Lab

ICE

Preservative:

of Bottles: 6

P-250ML-WI-THI

Bottle Type:

NE-ALS-ECQ

Enter Number of Bottles Sent to Lab

ICE And H2SO4

Preservative:

of Bottles: 6

P-500ML

Bottle Type:

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Enter Number of Bottles Sent to Lab

FILTER-ICE

Preservative:

of Bottles: 6

P-125ML

Bottle Type:

W-PO4-F

6

6 to ALS

6

6

Page 1 of 2
last revised Jan 25, 2018

Field Report Prepared By:

Sampling Agency:

Location		WIN / Field ID:		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G1NE0867		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		(See pg 2)	
WIN/STOF		Church Lake Center		Temp (C)		pH		A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.02	Comments			
Location	WIN / Field ID: G1NE0869			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☒ Grab	Date 4/24/18	Time 1240	Central	Date	
WIN/ST				Matrix (type, e.g., Salt, Fresh, etc)	Fresh		Diss. Oxygen	8.6	
				Temp (C)	24.0	pH	7.35	Sample Depth	
				Salinity (ppt)	0.02	Comments			
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
Field ID				☐ Grab	Date	Time	Central	Date	
WIN/STOF #				Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)	
WIN/STOF #				☐ Grab	Date	Time	Central	Date	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments			
Field ID				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end</		

Cooler Packing Worksheet for Request: RQ-2018-03-19-18

Interlachen_2018

Ship Cooler On: 3/8/2018

Customer/Project: NE-DIST/SMP

Assigned To: GREENWOO_J

Requester: Nicole Frederick

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: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00070298

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: 6 Preservation: ICE

Lot # 1217342

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: 6 Preservation: ICE

Lot # 015269

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: 6 Preservation: ICE And H2SO4

Lot # 0070440

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: 6 Preservation: FILTER-ICE

Lot # 00068347

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: JD

Number of Coolers: 2

Date: 3/8/18

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-2018-03-19-18