



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Lake Beulah SW

Date: 07/02/2019
(mm/dd/yyyy)

WIN/ Field ID: G2SW0053

WBID: 1543B

Latitude: 28.03973

(Decimal Degrees)

County: Polk

ORG ID: 21FLTPA

Longitude: -81.96935

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2019- 07-01-05

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Kelby Callahan</u> <u>Sarah Meyer</u>									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: Secchi		
Equipment ID: <u>Secchi #1</u>		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Cherry

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°)
<u>EST</u>	<u>1105</u>	<u>2.9</u>	<u>0.3</u>	<u>2.1</u>	<u>8.48</u>	<u>115.3</u>	<u>8.37</u>	<u>0.05</u>	<u>119.3</u>	<u>31.6</u>
			<u>2.4</u>		<u>7.09</u>	<u>95.6</u>	<u>7.69</u>	<u>0.05</u>	<u>119.1</u>	<u>31.1</u>

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	<u>SA9129100</u>	<u>05/09/20</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA8344050</u>	<u>12/10/19</u>	☒ <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-BR-IC / ☐ 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-BacR ☐ PCR-GULL2 ☐ PCR-HF1B3 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: C-Kit
Dense hydrilla on bottom

Field ID/WIN: G2SW0053

Site Name: Lake Beulah SW

Signature: Sarah Meyer Date: 07/02/2019

LIMS EVENT ID: 2019-07-03-01 WIN Import ID: 14390

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 07/15/2019 QC Station ID, Field Parameters In LIMS DMT: SM 09/05/2019

Scan/Save Field Sheets SM 01/14/2020 Migrate Data to WIN: SM 09/05/2019 Verify Data In WIN: SM 01/14/2020

(Initials/Date) (Initials/Date) (Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Hunter, Wire, Beulah

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: K Callahan & S Meyer

Sampling Agency: FDEP SW ROC

Field ID/WIN G2SW0086		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/02/2019 Time 1035	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) A
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 11.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
Site Name: Lake Hunter North		Temp (C) 30.8	pH 9.50	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 148.9
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments	
Field ID/WIN G2SW0076		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/02/2019 Time 1020	Eastern Central	Composite end Date — Time —	Bottle Group(s) A
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 12.18	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
Site Name: Lake Hunter @ Center		Temp (C) 30.9	pH 9.58	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 149.7
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments	
Field ID/WIN G2SW0056		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/02/2019 Time 0925	Eastern Central	Composite end Date — Time —	Bottle Group(s) A
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.77	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
Site Name: Lake Wire West		Temp (C) 30.7	pH 8.25	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 109.8
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments	
Field ID/WIN G2SW0053		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/02/2019 Time 1105	Eastern Central	Composite end Date — Time —	Bottle Group(s) A
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.48	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
Site Name: Lake Beulah SW		Temp (C) 31.6	pH 8.37	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 119.3
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments	

Relinquished By: Sarah Meyer	Date/Time 07/02/2019 1700	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time
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Ref:
Dep:Date: 17Jun19
Wgt: 35.00 LBS
DV:SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Cooler Packing Worksheet for Request: RQ-2019-07-01-05

Hunter, Wire, Beulah

Ship Cooler On: 6/21/2019

Customer/Project: SW-DIST/SMP

Assigned To: SHAIK_A

Requester: Judy Ashton

Priority: 3

813-470-5772
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Attn: Judy Ashton

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot #

13854

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 using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot #

124830

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 4 Preservation: HNO3

Lot # 88073852

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 88073852

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: 4 Preservation: FILTER-ICE

Lot # 88073850

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: ABP

Number of Coolers: 1

Date: 6-17-19

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

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

PLEASE RETURN ALL COOLERS FOR RQ-2019-07-01-05