



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION RING PROGRAM FIELD SHEET

WIN ID Field ID:



20030627

January 2018

Data Qualified?

Yes / No

Date: 9 / 18 / 2018
(mm/dd/yyyy)

Lake Como, Center

WBID: 28921

Latitude: 29.4696

(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -81.58264

(Decimal Degrees)

Receiving Body of Water: Lake Margaret

RQ-2018-09-17-11

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis						X		X	X
A. Kalmacher					X	X			

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☐ Syringe								
☐ Dipper	☐ Other								
Depth Measured with: 1/2" net									
Equipment ID: Orthe 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 ProDSS		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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	1310		0.3		6.4	87	5.91	0.04	84	32
CEN	1312	2.74	1.0	2.0	6.4	87	5.87	0.04	83	32
	1315		2.2		5.00	61	5.73	0.04	84	31

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	SA7341020	2/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um 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			
Herb/Pest.	W-E8321-DI W-E8321-MS				

Notes:	
Place Label Here	

Signature:	Date:
A. Kalmacher	9-18-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: 10/11/19

QC Station ID, Field Parameters In LIMS DMT: 10/11/19

Scan/Save Field Sheets 10/11/19

Migrate Data to WIN: 10/11/19

Verify Data In WIN: 10/11/19

(Initials/Date)

(Initials/Date)

Duplicate

Sample Depth (m):

Field ID:

Time:

Total Depth (m):

Duplicate		Sample Depth (m):		Field ID:		
Time Zone:	EST	CEN	Total Depth (m):	Lot#	Expiration	pH Check
Time:						
Parameter Suite	Parameter Methods			Preservation		
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	Place Preservative Sticker(s) Here (If Available)	
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-SUC-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH			☐ Other		

Blank

Time: 1:50

Field ID:

DI Source: NE ROC LAB

Location:

Equipment ID: ORTHO # 3

 Field Blank☐ Equipment Blank☐ Field Cleaned Equipment Blank

DI Source: NE ROC LAB		Location: _____		Equipment ID: ORTHO # _____		Lot#		Expiration		pH Check	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank										☒ < 2 ☐ < 2	
Parameter Suite		Parameter Methods		Preservation							
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		☒ Ice ☒ H ₂ SO ₄		SAB101020					
Metals		☐ W-ICPMS ☐ W-ICP		☐ Ice ☐ HNO ₃		R7KA1512					
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-CH-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							

Contains: 1:1 H₂SO₄
 Lot No: SAB101020
 Expires: 04/11/19
 See Safety Data Sheet (SDS)

SULFURIC ACID 451%
 DANGER
 7728-18-4
 Contains: 1:1 H₂SO₄
 May be corrosive to metals. Causes severe skin burns and eye damage. May damage aquatic life. Causes severe damage to water-based materials. Causes severe damage to clothing. Wash contaminated clothing before reuse. If SW (Skin) (for full) Remove/Remove off immediately if contaminated clothing. Remove from air and immediately if contaminated by breathing. If inhaled, keep at rest in a position comfortable for breathing. At once seek medical attention. If swallowed, do not induce vomiting. Remove contact lenses. If present and easy to do. Continue rinsing. Mouth is resistant (not) to acid.

Field ID:



BLANK 09182018

Field Blank
Location: NE ROC DI

Notes:

Date:

9-18-2018

Signature:

Field Parameters Entered into LIMS:

(Initials/Date)

Date Migrated to STORET: 8/1/2010

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: J. K. Kumbacher

Collected By: B. Davis

Sampling Agency: FDEP/NE ROC

WIN / Field ID:

G2NE1133

Lake Lilie Center

Latitude

☐ dd ☐ dms Longitude

WIN ID Field ID:

20030627

Lake Como, Center

Latitude

☐ dd ☐ dms Longitude

WIN / Field ID:

G2NE1134

Clear lake Center

Latitude

☐ dd ☐ dms Longitude

WIN / Field ID:

G2NE1132

Silver lake Center

Latitude

☐ dd ☐ dms Longitude

Relinquished By:

Date/Time

9-18-2018

Shipping Method

FedEx

Number of Coolers Shipped:

2

Received By:

Date/Time

1530

☒ Comp	Collection (comp begin or grab)	Time	1045	Eastern	Composite end	Time	Bottle Group(s)
☒ Grab	Date 9-18-2018			Central			(See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)							
Temp	31	pH	7.13	Sample Depth	0.3	ft	Sp. Conductance (umho/cm)
(C)							154

☐ Comp	Collection (comp begin or grab)	Time	1310	Eastern	Composite end	Time	Bottle Group(s)
☒ Grab	Date 9-18-2018			Central			
Matrix (type, e.g., Salt, Fresh, etc)							
Temp	32	pH	5.91	Sample Depth	0.3	ft	Sp. Conductance (umho/cm)
(C)							84

☐ Comp	Collection (comp begin or grab)	Time	1135	Eastern	Composite end	Time	Bottle Group(s)
☒ Grab	Date 9-18-2018			Central			
Matrix (type, e.g., Salt, Fresh, etc)							
Temp	32	pH	4.15	Sample Depth	0.3	ft	Sp. Conductance (umho/cm)
(C)							113

☐ Comp	Collection (comp begin or grab)	Time	1215	Eastern	Composite end	Time	Bottle Group(s)
☒ Grab	Date 9-18-2018			Central			
Matrix (type, e.g., Salt, Fresh, etc)							
Temp	30.4	pH	5.09	Sample Depth	0.3	ft	Sp. Conductance (umho/cm)
(C)							154

☐ Comp	Collection (comp begin or grab)	Time	1215	Eastern	Composite end	Time	Bottle Group(s)
☒ Grab	Date 9-18-2018			Central			
Matrix (type, e.g., Salt, Fresh, etc)							
Temp	30.4	pH	5.09	Sample Depth	0.3	ft	Sp. Conductance (umho/cm)
(C)							154

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

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					



ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR#

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-696-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

CAS Contract

Project Name LSJR Lakes		Project Number RC2018-9-17-11		ANALYSIS REQUESTED (Include Method Number and Container Preservative)											
Project Manager Jeremy Parrish		Email Address Dep.Dre@flowmicro.com		PRESERVATIVE											
Company/Address FBEP		State/Zip State: FL-05		8											
8800 Baymeadows Way W STE 100															
Jacksonville, FL 32256															
Phone # 904-256-1700		FAX #													
Sample Signature <i>[Signature]</i>		Sampler's Printed Name Amy Kalmbacher													
CLIENT SAMPLE ID		LAB ID		DATE		SAMPLING TIME		MATRIX		NUMBER OF CONTAINERS					
G2NE1133				9-18		1045		500		1		✓			
G2NE1134						1135		500		1		✓			
G2NE1132						1215		500		1		✓			
20030627						1310		500		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:															
RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY			
Signature <i>[Signature]</i> Printed Name Amy Kalmbacher Firm FBEP Date/Time 9-18-2018				Signature <i>[Signature]</i> Printed Name PAULA PLACWELL Firm ALS Date/Time 9-18-18/1438				Signature <i>[Signature]</i> Printed Name PAULA PLACWELL Firm ALS Date/Time 9-18-18/1438				Signature <i>[Signature]</i> Printed Name PAULA PLACWELL Firm ALS Date/Time 9-18-18/1438			
SAMPLE RECEIPT: CONDITION/COOLER TEMP:				CUSTODY SEALS: Y N				RECEIVED BY				RELINQUISHED BY			
See OAPP ☐				19°C											

Distribution: White - Return to Originator; Yellow - Retained by Client

1428