



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
RING PROGRAM FIELD SHEET

WIN / Field ID:



G2NE1132

January 2018

Data Qualified?

Yes / No

Silver lake Center

Date: 9/18/2018

(mm/dd/yyyy)

WBID: 2623

Latitude: 29.44482

(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -81.57301

(Decimal Degrees)

Receiving Body of Water: Silver Lake Outlet

RQ-2018-09-17-11

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

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☐ Syringe								
☐ Dipper	☐ Other								
Depth Measured with meter									
Equipment ID Ortho kits									

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# YSI Pro DSS		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	6.0	0.3	0.4	3.24	43	5.09	0.04	90	30.4	
CEN	1218		2.5		0.4	0.4	0.5	5.06	0.04	86.9	27.9
	1221		5.5		0.4	1.0	1.2	5.79	0.05	109	25.1
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	A7341020	12/2018	☒ <2		
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	K7KA12572				
Chlorophyll	☒ CHL-SUITE-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					Ice					

Notes:

Place Label Here

Signature: [Signature]

Date: 9-18-2018

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

THIOMER FISHING SCIENTIFIC
1000 N. W. 10TH STREET
MIAMI, FL 33136
1-800-855-2711
Contains: 1:1 H2SO4
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe dusts/fumes/vapors. Wash thoroughly after handling. Avoid contact with skin and clothing. Do not swallow. If swallowed, rinse mouth. Do not induce vomiting. If inhaled, remove person to fresh air and breathe oxygen if necessary. If on skin, remove contaminated clothing and shoes. If on face, remove contaminated clothing and shoes. If in eyes, flush cautiously with water for several minutes. If irritation persists, get medical attention. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] 9/24/18 QC Station ID, Field Parameters In LIMS DMT: [Signature] 9/24/18
Scan/Save Field Sheets [Signature] 9/24/18 Migrate Data to WIN: [Signature] 9/24/18 Verify Data In WIN: [Signature] 9/24/18

Duplicate

Sample Depth (m):

Field ID:

Time:

Total Depth (m):

Duplicate		Sample Depth (m): _____		Field ID: _____	
Time Zone: EST CEN		Total Depth (m): _____			
Time: _____					
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			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 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-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	☐ Ice ☐ Other			
Place Preservative Sticker(s) Here (If Available)					

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:		Location		Equipment ID:		ORTHO #	
☒ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank					
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH ₃ / ☐ W-NO ₂ NO ₃ / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP			☒ Ice ☒ H ₂ SO ₄	SAB101020		☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP			☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO ₄ -F ☐ Field Filtered 0.45 µm Filter			☐ Ice	R7KA1512		
Chlorophyll	☐ CHLSUITE-W			☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CH-IC / ☐ W-COLOR / ☐ W-SO ₄ -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)

Place Preserved

SULFURIC ACID -51%
DANGER
 7728-18-4

May be corrosive to metals. Causes severe skin burns and eye damage. May cause respiratory irritation. Avoid contact with water. Do not breathe dust. Wear protective clothing. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Store in a cool, dry place. Keep container closed until ready to use. If you have any information about this product, please contact your local health department. Immediately if contaminated by clothing. Remove contaminated clothing immediately. Rinse skin with plenty of water at least 15 minutes. If swallowed, drink water. Get medical attention immediately. Keep it stored in a position comfortable for breathing. At all times wear appropriate personal protective equipment. Follow instructions on label. Do not mix with other chemicals. Do not store near food. Do not eat, drink, or smoke while using. Do not use if container is damaged. Do not use if contents are solidified. Do not use if contents are discolored. Do not use if contents are otherwise abnormal. Do not use if contents are otherwise abnormal.

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: 8/29/10

(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: <i>KEH</i>	Date/Time: 9-18-2018 1530	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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☒ Comp Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 31 Salinity (ppt) 0.07 pH 7.13 Sample Depth 0.3 Diss. Oxygen 6.95 Sp. Conductance 154 Total Res. Chlorine Bottle Group(s) A	☐ dd ☐ dms Collection (comp begin or grab) Date 9-18-2018 Time 1045 Eastern Central Composite end Date Time
☒ Comp Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 32 Salinity (ppt) 0.04 pH 5.91 Sample Depth 0.3 Diss. Oxygen 6.4 Sp. Conductance 84 Total Res. Chlorine Bottle Group(s) A	☐ dd ☐ dms Collection (comp begin or grab) Date 9-18-2018 Time 1310 Eastern Central Composite end Date Time
☒ Comp Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 32 Salinity (ppt) 0.05 pH 4.15 Sample Depth 6.7 Diss. Oxygen 6.3 Sp. Conductance 113 Total Res. Chlorine Bottle Group(s) A	☐ dd ☐ dms Collection (comp begin or grab) Date 9-18-2018 Time 1135 Eastern Central Composite end Date Time
☒ Comp Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 30.4 Salinity (ppt) 0.04 pH 5.09 Sample Depth 0.3 Diss. Oxygen 3.24 Sp. Conductance 410 Total Res. Chlorine Bottle Group(s) A	☐ dd ☐ dms Collection (comp begin or grab) Date 9-18-2018 Time 1215 Eastern Central Composite end Date Time

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						

4 Kalmbees
Fry/NE Roc

Field Blank
Location: NE ROC DI

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
W. A. Beck	9-18-2018	FedEx	2		

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					



SR#

CAS Contract

1429