



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Minnie @ Center

Date: 4/18/18
(mm/dd/yyyy)

WIN ID/ Field ID G2LE0108

WBID: 2962C

Latitude: 28.75416103

County: Seminole

ORG ID: 21FLCEN

Longitude: -81.29172917

Receiving Body of Water: _____

RQ - 2018-04-16-39

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment				
Katie March Leif Roman		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
		☐ Carboy	☒ Syringe	Depth Measured with: <u>SECCHI DISK LINE</u>		Equipment ID: <u>Knothead</u>		Collection Method					
		☐ Dipper	☐ Other	☐ Wading	☐ Canoe/Kayak	☐ From Shore	☒ Electric Motor	☐ Gasoline Motor					
Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded		Meter ID# <u>Betty 67</u>		Matrix: <u>Fresh</u> Marine / DI		Photos: Yes / <u>No</u>		Flow: No Flow / Intertidal / Flowing <u>NA</u>		Tide: Rising/ Falling/ Slack <u>NA</u>		Tide Times: High Low	

Field Sample										
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>1050</u>	<u>2.9</u>	<u>0.3</u>	<u>0.5</u>	<u>7.37</u>	<u>85.4</u>	<u>7.21</u>	<u>0.13</u>	<u>272</u>	<u>22.74</u>
CEN			<u>2.4</u>		<u>5.70</u>	<u>65.1</u> <u>67.4</u> <u>km</u>	<u>7.09</u>	<u>0.13</u>	<u>271</u>	<u>21.93</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>SA7341020</u>	<u>12/7/18</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>13615055</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity W-F / W-TSS / TURBIDITY / W-CI-JC / W-COLOR / W-SO4-JC / 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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCP-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

**QA/QC Sample Info
Duplicate**

**Field ID → G2CE0108_DUP
WIN → G2CE0108**

Time Zone: EST **CEN** **Time:** 1055

Location → Lake Minnie @ Center

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7341020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

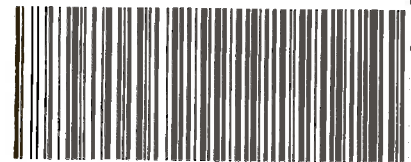
Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: EST **CEN** **Time:** 11:10 **Field ID:** BLANK
DI Source: WASH ROOM **Location:** _____
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

Field ID →

Field Blank
Location/DI source
Washroom



BLANK_040182018

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7341020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes:

Algal bloom noted, mostly on N. side.

WIN ID / Field ID →

Lake Minnie @ Center



G2CE0108

Signature: *K March*

Date: *4/18/18*

Enter Field Parameters, Verify Station ID In LIMS DMT: *KMW 4/20/18*
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: *7K 4/25/18*
(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Katie March

Collected By: Leif Bonum, Katie March

Sampling Agency: 21FREN

Location	WIN ID / Field ID →		WIN ID → G2CE0108_DUP		Field ID → G2CE0108		Location → Lake Minnie @ Center		Bottle Group(s)	
Field ID	Lake Minnie @ Center								A	
WIN/STORET #										
Latitude	dd	Longitude	dd	dms						
 G2CE0108										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1050		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		7.37		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		22.74		pH		7.21		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 G2CE0108										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1055		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		0.3		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		22.74		pH		7.21		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 G2CE0108										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1205		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		8.51		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		23.98		pH		7.51		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 G2CE0015										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1205		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		8.51		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		23.98		pH		7.51		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 BLANK_040182018										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1205		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		8.51		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		23.98		pH		7.51		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 BLANK_040182018										
Location	Collection (comp begin or grab)		Date 4/19/18		Time 1205		Composite end			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		8.51		Total Res. Chlorine (mg/L)			
WIN/STORET	Temp (C)		23.98		pH		7.51		Sample Depth 0.3	
Latitude	dd	Longitude	dd	dms						
 BLANK_040182018										

Relinquished By: K March	Date/Time: 4/18/18 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 4-19-18 19:50
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS							
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CD-FLR-ECQ							
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CD-FLR-ECQ							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
to Flowent							

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	
	W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	
	W-PO4-F					

Check Box That Applies To Your Location

☐ Flowers Chemical Laboratories, Inc.

☐ Flowers Chemical Labs-South

☐ Flowers Chemical Labs-North

☐ Flowers Chemical Labs-Keys

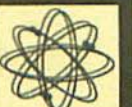
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

3980 Overseas Highway, Ste. 103
Marathon, FL 33950
Bus: 305-743-8598
Fax: 305-743-8598

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Client

Address

Project Name

Client Contact

P.O. #

FAX

FCL Project Manager

E-MAIL

Phone

Requested Due Date
10 Day Standard

OR

MM

DD

YY

Rush Charges May Apply

Sampled By (PRINT):

Pick-Up Fee

\$

Vehicle Surchage

\$

Sampling Fee

\$

Sampler Signature

Date Sampled

PRESERVATIVES

ANALYSES REQUEST

COMMENTS

GW - ground water DW - drinking water WW - wastewater
SW - surface water SO - soil/solid SL - sludge HW - waste

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	ANALYSES REQUEST	COMMENTS
----------	-----------	------	------	--------	---------------------------	------	--------------------------------	------------------	-----	---	------------------	----------

1	GZCE0015	4/19/16	1205	SW							✓	1
2	GZCE0108	4/19/16	1050	SW							✓	1
3	GZCE0108-DUP	4/19/16	1055	SW							✓	1
4												
5												
6												
7												
8												
9												
10												

Relinquished By / Affiliation

Date

Time

Accepted By / Affiliation

Date

Time

Relinquished By / Affiliation

Date

Time

Accepted By / Affiliation

Date

Time

Relinquished By / Affiliation

Date

Time

Accepted By / Affiliation

Date

Time

Relinquished By / Affiliation

Date

Time

Accepted By / Affiliation

Date

Time

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned

• YELLOW - Client Copy