WIN / Field ID: 20030627

ENVIRONMENTAL PROTECTION ING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

V Lake Como Center

Date: 8 / 2 / 2018 (mm/dd/yyyy)

W... Field ID: _____ WBID: 2892A Latitude: 29.4696 (Decimal Degrees)

County: Putnam ORG ID: 21FLA Longitude: -81.58264 (Decimal Degrees)

Receiving Body of Water: Lake Macgaget RQ-2018- 07-30-21

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B - D -	✓		✓		
J Pennisi		✓		✓	✓

Sampling Equipment

- [x] Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☐ Syringe
- ☐ Dipper ☐ Other _____

Depth Measured with YSI 71

Equipment ID Cat 44

Collection Method

- ☐ Wading [x] Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other _____ ☐ Gasoline Motor

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

Meter ID# YSI 71

Matrix: (Fresh) / Marine / DI

Photos: Yes / (No)

Flow: No Flow / Interstitial / Flowing / (NA)

Tide: Rising/ Falling/ Slack/ (NA)

Tide Times: High — Low —

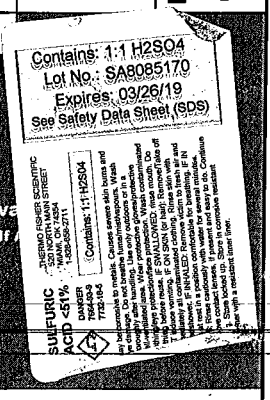
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C⁰)
EST	1010	5.5	0.3	3.8	6.97	92.1	5.90	0.04	99	29.89 ✓
CEN	1015		3.1		6.99	92.2	5.89	0.04	97	29.76 ✓

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice ☐ H_2SO_4	808 5170	3/26/19	[x] <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	R7KA12512		
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			
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			

Place Preserva... (If ...)



Notes:

Place Label Here

Signature: B - D - Date: 8/2/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JP 8/6/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 8/13/18 (Initials/Date)

Scan/Save Field Sheets BD 8/15/18 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

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

PAGE _____ OF _____

SR#

CAS Contract

Project Name: LSJR LAKE	Project Number: 2018-07-30-21
Project Manager: Jeremy Parrish	Email Address: Jeremy.M.Parrish@dep.state.fl.us
Company/Address: FDEP 8800 Baymeadows WAY West JAX, FL, 32256	
Phone #	FAX #
Sampler's Signature: Jeremy Parrish	Sampler's Printed Name: Jeremy Parrish

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 8

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other: Ice

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	E. Coli	REMARKS/ ALTERNATE DESCRIPTION
20030627		8/2/18	1010	SW	1	X	
G2NE1132		↓	1045	↓	1	X	
G2NE1133			1115		1	X	
G2NE1134			1325		1	X	

SPECIAL I NSTRUCTIONS/COMMENTS

0.0°C

See QAPP ☐

SAMPLE RECEIPT: CONDITION/COOLER TEMP: CUSTODY SEALS: Y N

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	RELINQUISHED BY	RECEIVED BY
Signature: Jeremy Parrish	Signature: Cheyanne Ruben	Signature	Signature	Signature	Signature
Printed Name: Jeremy Parrish	Printed Name: Cheyanne Ruben	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 8/2/18	Date/Time: 8/2/18 1450	Date/Time	Date/Time	Date/Time	Date/Time

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

Request Number: RQ-2018-07-30-21

LSJR Lake

Customer: NE-DIST

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Jeremy M. Parrish

Collected By: Jeremy Parrish

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP NE

WIN / Field ID: G2NE1134

Clear lake Center

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/2/18 Time 1325 Eastern Central		Composite end Date	Time	Bottle Group(s) (See pg 2)	A
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 7.0 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
Temp (C) 31.1	pH 4.1	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 123			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments			

WIN / Field ID: G2NE1133

Lake Lillie Center

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/2/18 Time 1115 Eastern Central		Composite end Date	Time	Bottle Group(s)	A
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 7.74 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
Temp (C) 29.9	pH 7.0	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 162			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.07	Comments			

WIN / Field ID: 20030627

Lake Como Center

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/2/18 Time 1010 Eastern Central		Composite end Date	Time	Bottle Group(s)	A
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 6.97 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
Temp (C) 29.9	pH 5.90	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 99			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments			

WIN / Field ID: G2NE1132

Silver Lake Center

☒ Comp ☐ Grab	Collection (comp begin or grab) Date 8/2/18 Time 1045 Eastern Central		Composite end Date	Time	Bottle Group(s)	A
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 5.0 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
Temp (C) 29.6	pH 5.36	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 104			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Jeremy Parrish	8/2/18 1600	Fedex	2		

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:	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 A Bottle Type P-250ml # bottles 4 Preservative ICE Enter Number of Bottles Sent to lab 4 to ALS

NE-ALS ACQ