FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Cowpen Lake - Center **Date:** 04/23/2018 (mm/dd/yyyy) 24

WIN/ Field ID: 20020053 **WBID:** 2723A **Latitude:** 29.60156 (Decimal Degrees)

County: Putnam **ORG ID:** 21FLA **Longitude:** 82.0037 (Decimal Degrees)

Receiving Body of Water: Cowpen Outlet **RQ-2018-** 04-02-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
P. O'Connor					
A. Kalmbacher					

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI TP
- Equipment ID Ortho #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 TP **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. (C°)
(EST)	~~1355~~ 1240 CAK	3.5	0.3	2.55 *	8.57	102.2	7.4	0.02	51	24.2
CEN	1325		3.0		7.3	85.7	6.7	0.02	51	22.9

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 [x] H_2SO_4	SA7341020	12-07-18	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	R7EA12511		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] 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			

Notes: * Vegetation interferred w/ Reading the Secchi

Field ID / Win ID: 20020053

COWPEN LAKE CENTER

Signature: [signature] **Date:** 4/30/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JH 4/26/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (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, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Jerry Allen

Client Name	Project Number
FDEP-NE ROC	RQ-2018- 04-02-22
Report To	**Report CC**
Dep-Overflowmicro@dep.state.fl.us	jeremy.m.parrish@dep.state.fl.us
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	**FAX #**
904-256-1541	
Sampler's Signature	**Sampler's Printed Name**
Amy Kalmbacher	Amy Kalmbacher

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative Key: 0. None; 1. HCL; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. NaHSO4; 8. Other ICE

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	Preservative	E.Coli	Enterocooi	REMARKS
GINE0861		4-24-18	1045	SW	1	0	✓	✓	
GINE0863			1135		1	0	✓	✓	
20020100			1200		1	0	✓	✓	
GINE0870			1240		1	0	✓	✓	
20020053			1325		1	0	✓	✓	

Special Instructions/Comments: **Email Report to: Dep-Overflowmicro@dep.state.fl.us**

TURNAROUND REQUIREMENTS

___ RUSH (SURCHARGES APPLY)
X STANDARD

REQUESTED FAX DATE
N/A

REQUESTED REPORT DATE
N/A

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

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # B10739

Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Amy Kalmbacher	Signature: Renee Futch	Signature	Signature	Signature	Signature
Printed Name: Amy Kalmbacher	Printed Name: Renee Futch	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 4/24/2018 1540	Date/Time: 4/24/18 1540	Date/Time	Date/Time	Date/Time	Date/Time

Request Number: RQ-2018-04-02-22

Interlachen 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: P. O'Connor

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NE ROC

Site	Field ID / Win ID	Comp/Grab	Collection Date	Time	Time Zone	Composite end	Matrix	Diss. Oxygen	Total Res. Chlorine (mg/L)	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	Salinity (ppt)	Latitude	Longitude	Comments	Bottle Group(s) (See pg 2)
COWPEN LAKE CENTER	20020053	☒ Grab	4-24-2018	1325	Eastern (circled)		Fresh (circled)	8.57 ☒ mg/L		24.2	7.4	0.3 ☒ m	51	0.02	☐ dd ☐ dms	☐ dd ☐ dms		A
LAKE FANNY CENTER	20020100	☒ Grab	4-24-2018	1200	Eastern (circled)		Fresh (circled)	☐ mg/L ☐ % sat		24.0	4.7	0.3 ☒ m	80	0.04	☐ dd ☐ dms	☐ dd ☐ dms		A
Galilee Lake Center	G1NE0870	☒ Grab	4-24-2018	1240	Eastern (circled)		Fresh (circled)	7.6 ☒ mg/L		23.8	6.7	0.3 ☒ m	45	0.02	☐ dd ☐ dms	☐ dd ☐ dms		A
Gillis Pond Center	G1NE0863	☒ Grab	4-24-2018	1135	Eastern (circled)		Fresh (circled)	7.4 ☒ mg/L		24.3	4.96	0.3 ☒ m	71	0.03	☐ dd ☐ dms	☐ dd ☐ dms		A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	4-24-2018 1700	Fed Ex	2		

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	P-1L	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	5	ICE		5
A	BP-1L	CHLSUITE-W	5	ICE		5
A	P-250ML-WI-THI	NE-ALS-ECQ	5	ICE		5 Sent to Contract Lab
A	P-500ML	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	5	ICE And H2SO4		5
A	P-125ML	W-PO4-F	5	FILTER-ICE		5

Request Number: RQ-2018-04-02-22

Interlachen 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: P. O'Connor

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP

Field ID:
Win ID: G1NE0861

South Bull Pond Center

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-24-2018 Time 1045 (Eastern) Central	Composite end Date Time
Matrix (type, e.g., Salt, (Fresh), etc)	Diss. Oxygen 7.4 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) 23.2	pH 4.9	Sample Depth 23.2 ☐ ft ☒ m	Sp. Conductance (umho/cm) 62
Salinity (ppt) 0.03	Comments	

Bottle Group(s) (See pg 2): A

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	4-24-2018 1700	FedEx	2		