FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: LAKE KANAPAHA 300m N. of 56th **Date:** 05/02/ 2018 (mm/dd/yyyy)

WIN/ Field ID: 20030925 **WBID:** 2717 **Latitude:** 29.61232 (Decimal Degrees)

County: Alachua **ORG ID:** 21FLA **Longitude:** -82.70381 (Decimal Degrees)

Receiving Body of Water: N/A **RQ-2018-** 04-23-21

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Parrish		X	X	X	X
P. O'Connor	X		X		

Sampling Equipment
- [x] Sample Container
- [ ] Van Dorn
- [x] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other
- Depth Measured with
- Equipment ID

Collection Method
- [ ] Wading
- [ ] Canoe/Kayak
- [x] From Shore
- [ ] Electric Motor
- [ ] Other
- [ ] Gasoline Motor

Water Level: Dry/ Pooled/ (Low) / Normal / High / Flooded **Meter ID#** 4 SE 7 **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)	1300	0.4	0.3	0.45	0.75	8.1	7.0	0.15	312	19.4
CEN										

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	7341020	12/7/18	[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	R7HA24559		
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			

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

Place Preserva (If

SULFURIC ACID <51% DANGER H314 H290

THERMO FISHER SCIENTIFIC 300 NORTH MAIN STREET MIAMI, OK 74354 1-800-962-7701

Contains: 1:1 H2SO4

May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in well ventilated place. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Notes: Surface covered with Lemna

WIN / Field ID: 20030925

LAKE KANAPAHA ~300M N of 56TH

Signature: [illegible] **Date:** 5/2/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [illegible] 5/4/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BP 5/14/18 (Initials/Date)

Scan/Save Field Sheets BP 5/14/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: (EST) CEN **Time:** 10:55 **Field ID:** _____

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_2SO_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	Place Preservative Sticker(s) Here (If Available)		
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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			
TRACERS	☒ W-E8321-DI ☒ W-E8321-MS	☒ ICE			

Blank

Time Zone: EST CEN **Time:** 1145 **Field ID:** Blnk 05022018 (BLANK_DDMMYYYY)

DI Source: _____ **Location:** Alice outlet newell

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** _____

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_2SO_4	7341020	12/7/18	☑ < 2
Metals	☒ W-ICPMS ☐ W-ICP	☑ Ice ☑ HNO_3	7261120		☑ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☑ Ice	R7HA24559		
Chlorophyll	☐ CHLSUITE-W	☐ Ice	Contains 1:1 Nitric Acid Lot No. 7261120 Exp. 12/09/18 See SDS		
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 W-8321	☑ 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 PCL SQ			

Contains: 1:1 H2S04
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

THERMO FISHER SCIENTIFIC 500 NORTH LAKE STREET WALTHAM, MA 1-800-766-7000 1-508-658-2711
Contains: 1:1 H2SO4
SULFURIC ACID ~51% DANGER H314-H335 7722-84-1
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe mist, vapors, spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Keep only in original container. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Call poison centers or doctor/physician. To do. Continue rinsing.

Notes:

Field ID: BLANK 05022018

Field Blank
Location: NE ROC DI

Signature: [signature] **Date:** 5/2/18

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: BV 5/14/18 (Initials/Date)

Scan/Save Field Sheets _____ **Migrate Data to WIN:** _____ **Verify Data In WIN:** _____

Request Number: RQ-2018-04-23-21

Gville_2018

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: Jo Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

Field ID: BLANK 05022018

Field Blank
Location: NE ROC DI

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 05-02-18 Time 1145 ~~Eastern~~ Central | Composite end Date — Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): DEIONIZED Water | Diss. Oxygen — ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) — | pH — | Sample Depth — ☐ ft ☐ m | Sp. Conductance (umho/cm) —

Salinity (ppt) — | Comments

WIN / Field ID: 20020052

LAKE ALICE CENTER

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05-02-18 Time 1230 ~~Eastern~~ Central | Composite end Date — Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Fresh | Diss. Oxygen 10.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 25.7 | pH 8.85 | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm) 254

Salinity (ppt) 0.12 | Comments DO% 126.1

WIN / Field ID: G1NE0898

Lake Alice Outlet @ Newell

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05-02-18 Time 1130 ~~Eastern~~ Central | Composite end Date — Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Fresh | Diss. Oxygen 8.1 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.6 | pH 7.8 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 411

Salinity (ppt) 0.2 | Comments DO% 90.2

WIN / Field ID: 20030925

LAKE KANAPAHA ~300M N of 56TH

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05-02-18 Time 1300 ~~Eastern~~ Central | Composite end Date — Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Fresh | Diss. Oxygen 0.75 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.4 | pH 7.0 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 312

Salinity (ppt) 0.15 | Comments DO% 8.1

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P. O'Connor	05-02-18 1500	FedEx	(3) total		

Page ~~1 of 4~~ 3/5

last revised Jan 25, 2018

Request Number: RQ-2018-04-23-21

Gville_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

Location Field ID	WIN / Field ID: 20020109	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05-02-18 Time 0940 [✓ Eastern] Central	~~Composite end~~ Date Time	Bottle Group(s) (See pg 2) A
		Matrix (type, e.g., Salt, Fresh, etc) Surface Fresh		Diss. Oxygen 8.40 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	LITTLE HATCHETT CR @ SR 24	Temp (C) 19.2	pH 7.6	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 269
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.13	Comments DO% 91.1		

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
PO'Connor	05-02-18 1500	Fed Ex	3 (total)		

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	NED-AEG-EC	P-120ML-WC-THI	1	ICE		1 to AEL Gainesville
A	PCR-FILTER PCR-HF183	QPCR-P-500ML	1	ICE		1
A	W-E8321-DI W-E8321-MS	BG-500ML	1	ICE		1
B	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	2	ICE		2
B	CHLSUITE-W	BP-1L	2	ICE		1
B	NED-AEG-EC	P-120ML-WC-THI	2	ICE		1 to AEL Gainesville
B	PCR-FILTER	QPCR-P-500ML	2	ICE		~~2~~ 1 po
B	W-CARB-AA	BG-500ML	2	CH2ClCOOH Pre-Preserved		~~2~~ po 2
B	W-CT-Cl-R W-PCL-SQ-R	BG-500ML	6	ICE		6
B	W-E8321-DI W-E8321-MS	BG-500ML	2	ICE		2
B		P-500ML	2	HNO3		~~2~~ po 0 on following sheet

Group	Bottle Type	# of Bottles	Preservative	Enter Number of Bottles Sent to Lab
B	P-500ML	2	HNO3	2
	W-ICP W-ICPMS			
B	P-500ML	2	ICE And H2SO4	2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			
B	P-125ML	2	FILTER-ICE	2
	W-PO4-F			
B	BG-1L	6	ICE	6
	W-PSNP-TQ			
C	P-1L	2	ICE	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
C	BP-1L	2	ICE	2
	CHLSUITE-W			
C	P-120ML-WC-THI	2	ICE	2
	NED-AEG-EC			
~~C~~	~~P-125ML~~	~~2~~	~~FILTER-H2SO4-ICE~~	0
	~~W-NH3-F~~			
C	P-500ML	2	ICE And H2SO4	2
	W-NO2NO3 W-S-A-TP W-TKN W-TOC			

Not needed

* ADD W-NH3 PLEASE

Group: C Bottle Type: P-125ML # of Bottles: 2 Preservative: FILTER-ICE **Enter Number of Bottles Sent to Lab** 2

W-PO4-F

Advanced Environmental Laboratories, Inc.

- [ ] **Altamonte Springs:** 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
- [x] **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
- [ ] **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
- [ ] **Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
- [ ] **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
- [ ] **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name:	FDEP-NE ROC	Project Name:	
Address:	8800 Baymeadows Way W	P.O. Number or Project Number:	RQ-2018-04-23-21
		FDEP Facility No:	
Phone:	904-256-1541	Project Address:	
FAX:	Please email results	Special Instructions:	
Contact:	Nicole Frederick		
Sampled By:		Dep-Overflowmicro@dep.state.fl.us	PO# B1696A
Turn Around Time:	[x] STANDARD [ ] RUSH		
Page: 1 of 1		[ ] ADaPT [ ] EQuIS [ ] Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: E.coli	PRESERVATION: ICE	LABORATORY I.D. NUMBER
	20020052	Grab	05-02-18	1230	SW	1		1		
	20030925	↓	↓	1300	↓	1		1		
	GINE0898	↓	↓	1130	↓	1		1		
	20020109	↓	↓	0940	↓	1		1		

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice [x] Yes [ ] No [x] Temp taken from sample [ ] Temp from blank [x] Where required, pH checked

Temperature when received 3.4 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by:	Date	Time	Received by	Date	Time
1	R O'Connor	05-02-18	1325	[illegible]	5/2/18	1325
2						
3						
4						

FOR DRINKING WATER USE:

PWS ID:

Contact Person: Phone:

Supplier of Water:

Site-Address: