



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No ☒

WIN Station Name: Lake Alice Outlet @ Gale Lemerand Dr

Date: 3/26/2018
(mm/dd/yyyy)

WIN/ Field ID: G3NE0010

WBID: 2719

Latitude: 29.6406
(Decimal Degrees)

County: Alachua

ORG ID: 21FLA

Longitude: 82.3514
(Decimal Degrees)

Receiving Body of Water: Lake Alice

RQ-2018- 03-26-20

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Brian Davis</u> <u>J. Parris</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
											☐ Carboy	☐ Syringe	☐ Other		
											☐ Dipper	☐ Other			
											Depth Measured with <u>YSI</u>				
											Equipment ID <u>03644</u>				
											Collection Method				
											☐ Wading	☐ Canoe/Kayak			
											☐ From Shore	☐ Electric Motor			
											☐ Other	☐ Gasoline Motor			
Water Level: <u>Dry</u> / Pooled / Low / Normal / High / Flooded						Meter ID# <u>YSI</u>			Matrix: <u>Fresh</u> / Marine / DI						
Photos: Yes / <u>No</u> / Flow: No Flow / Interstitial / <u>Flowing</u> / NA						Tide: Rising / Falling / Slack / <u>NA</u>			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	1230	0.4	0.25	0.45	2.9	31.0	7.04	0.19	403	17.95					
CEN															
Biological Samples Collected: <u>None</u> 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		SA7233030	8/21/18	☒ <2					
Metals		☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3		7261120	9/18/18	☒ <2					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice		R7EA12511							
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				☐ Ice									
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other									
		<u>W-E8321-DI W-E8321-MS</u>				<u>Ice</u>									

Notes:

WIN / Field ID:



G3NE0010

Lake Alice Outlet @ Gale Lemerand Dr.

Signature: [Signature]

Date: 3/26/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

3/30/18
(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT:

3/27/18
(Initials/Date)

Scan/Save Field Sheets

3/27/18
(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Page 1 of 3

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: Brian Davis, J. Patrick

Field Report Prepared By:

Sampling Agency: DEAR NED

WIN / Field ID: 20020109		Longitude		Latitude	
		☐ dd	☐ dms	☐ dd	☐ dms
LITTLE HATCHETT CR @ SR 24					
MONTEOCHA CR @ CR 340(NE 153th AVE)					
WIN / Field ID: 21030112		Longitude		Latitude	
		☐ dd	☐ dms	☐ dd	☐ dms
BLUES CREEK AT NW 71ST STREET, GAINESVILLE					
WIN / Field ID: 21030089		Longitude		Latitude	
		☐ dd	☐ dms	☐ dd	☐ dms
Calf Pond Center					
WIN / Field ID: G1NE0862		Longitude		Latitude	
		☐ dd	☐ dms	☐ dd	☐ dms
Relinquished By: B. L. T. Date/Time: 2/26/18, 1600					
Shipping Method: FedEx					
Number of Coolers Shipped: 3					
Received By:					
Date/Time:					

☐ Comp	Collection (comp begin or grab)	Composite end	Bottle Group(s)
☒ Grab	Date 3/26/18 Time 1020	Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.36	Total Res. Chlorine (mg/L)
Temp (C) 17.6 pH 7.07		% sat	
Salinity (ppt) 0.14		Sp. Conductance (umho/cm) 291	Bottle Group(s)
Comments			
☐ Comp	Collection (comp begin or grab)	Composite end	Bottle Group(s)
☒ Grab	Date 3/26/18 Time 955	Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.0	Total Res. Chlorine (mg/L)
Temp (C) 16.61 pH 4.02		% sat	
Salinity (ppt) 0.04		Sp. Conductance (umho/cm) 90	Bottle Group(s)
Comments			
☐ Comp	Collection (comp begin or grab)	Composite end	Bottle Group(s)
☒ Grab	Date 3/26/18 Time 1045	Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.98	Total Res. Chlorine (mg/L)
Temp (C) 16.1 pH 6.46		% sat	
Salinity (ppt) 0.06		Sp. Conductance (umho/cm) 128	Bottle Group(s)
Comments			
☐ Comp	Collection (comp begin or grab)	Composite end	Bottle Group(s)
☒ Grab	Date 3/26/18 Time 1150	Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.5	Total Res. Chlorine (mg/L)
Temp (C) 18.8 pH 7.28		% sat	
Salinity (ppt) 0.10		Sp. Conductance (umho/cm) 217	Bottle Group(s)
Comments			

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: BG-500ML	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Page 1 of 3
last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By:

Field Report Prepared By:

Sampling Agency:

[illegible]

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time

Group: A	Bottle Type: P-1L	# of Bottles: 3	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: A	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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 _____
W-PO4-F				
Group: B	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: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: B	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
W-CARB-AA				
Group: B	Bottle Type: BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
Group: E	Bottle Type: NED-AEG-EC	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6 to AEL
Group: F	Bottle Type: PCR-FILTER PCR-HF183	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2



**Advanced
Environmental Laboratories, Inc.**

☐	Altamonte Springs: 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
☒	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐	Jacksonville: 6881 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: Gainesville		BOTTLE TYPE		LABORATORY I.D. NUMBER	
Address: 8800 Baymeadows Way W		P.O. Number or Project Number: RQ-2018-05-26-20		ANALYSIS REQUIRED			
Phone: 904-256-1541		FDEP Facility No:		F.coli			
FAX: Please email results		Project Address:					
Contact: Nicole Frederick		Special Instructions:					
Sampled By:		Dep-Overflowmicro@dep.state.fl.us					
Turn Around Time: ☒ STANDARD ☐ RUSH		PO# B1696A					
Page: 1 of 1		☐ ADAPT ☐ EQUIS ☐ Other					
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	MATRIX	NO. COUNT	PRESERVATION	
21030112		Grab	3/26/18 955	SW	1		
20020109			1020		1		
21030089			1045		1		
61NE0862			1150		1		
63NE0010	Not Lined Through, Less Sampled.		1230		1		
20020052			1255		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=(HC) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)		Temperature when received 11 / 1 (in degrees celcius)			
Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank		Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A LT-2 T: 10A A: 3A M: 3A S: 1V					
DCN: AD-051 Form last revised 04/30/2015		Relinquished by: 3/26/18 1315		Received by: 3/26/18 1315			
1 TR - Train		2		3		4	
FOR DRINKING WATER USE:		PWS ID:		Contact Person:		Supplier of Water:	
		Phone:		Site-Address:			

Cooler Packing Worksheet for Request: RQ-2018-03-26-20

Gville_2018

Ship Cooler On: 3/16/2018

Customer/Project: NE-DIST/SMP

Assigned To: REAVES_S

Requester: Nicole Frederick

Priority: 3

904-807-3300
8800 Baymeadows Way W
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals
Group B: Freshwater Kit With Metals W/Pest
Group C: Tracers
Group D: PCR-Filter
Group E: E.Coli-Overflow
Group F: PCR-Filter/PCR-HF183

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1217342

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 00068595

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1217342

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: BG-500ML Qty: 1 Preservation: CH₂ClCOOH Pre-Preserved Lot # 00068229
Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis
W-CARB-AA

Description
Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML Qty: 4 Preservation: ICE Lot # 00067107
Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis
W-CT-CI-R
W-PCL-SQ-R

Description
Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML Qty: 1 Preservation: ICE Lot # 00067107
Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis
W-E8321-DI
W-E8321-MS

Description
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML Qty: 1 Preservation: HNO₃ Lot # 00070302
Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis
W-ICP
W-ICPMS

Description
Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML Qty: 1 Preservation: ICE And H₂SO₄ Lot # 00070302
Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis
W-NH₃
W-NO₂NO₃
W-S-A-TP
W-TKN
W-TOC

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00068595

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00067571

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group: C

of Sites: 3

Container ID: BG-500ML

Qty: 3 Preservation: ICE

Lot # 00067107

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: D

of Sites: 3

Container ID: QPCR-P-250ML

Qty: 6 Preservation: ICE

Lot # 00069545

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group: E

of Sites: 6

Container ID: P-120ML-WC-THI

Qty: 6 Preservation: ICE

Lot # 6402-1

Description:

Analysis

NED-AEG-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Bottle Group: F

of Sites: 1

Container ID: QPCR-P-250ML

Qty: 2

Preservation: ICE

Lot # 00069545

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

PCR-HF183

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Cooler Packed By: SR

Number of Coolers: 3

Date: 3-15-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-03-26-20