



WIN / Field ID:



20020052

LAKE ALICE CENTER
2/28/2018FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
RING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Date: 2/28/2018
(mm/dd/yyyy)WBID: 2719A Latitude: 29.6436
(Decimal Degrees)County: Alachua ORG ID: 21FLA Longitude: 82.3626
(Decimal Degrees)

Receiving Body of Water: Lake Alice outlet RQ-2018-02-26-23

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
N. Frederick B. Davis					☒	☒	☒	☒	☒	☐ Sample Container	☐ Van Dorn	☒ Pole							
										☐ Carboy	☐ Syringe								
										☐ Dipper	☐ Other								
										Depth Measured with YSE #3									
Equipment ID OKTHO #7					Collection Method														
					☒ Wading	☐ Canoe/Kayak													
					☒ From Shore	☐ Electric Motor													
					☐ Other	☐ Gasoline Motor													
Water Level: Dry / Pooled / Low / Normal / High / Flooded					Meter ID# YSE #3					Matrix: Fresh / Marine / DI									
Photos: Yes / No					Flow: No Flow / Intestinal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	1400	0.40	0.30	0.40	9.60	114.5	8.27	0.13	283	24.13									
CEN				✓ 0.3															
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		SA7341020	12/7/18	☒ <2								
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2								
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		R72A1251										
Chlorophyll		☒ CHLSUITE-W					☒ Ice												
Physical/Aggregate (Fresh)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-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												

Notes: Haven't gained access to canoe on lake from UF. Sampled from side of lake

Place Label Here

Signature: B. Davis

Date: 2/28/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 3/2/18

QC Station ID, Field Parameters In LIMS DMT: 3/6/18

Scan/Save Field Sheets 3/6/18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

Request Number: RQ-2018-02-26-23
Gville_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NE-DIST
Project ID: SMP

Requester: Nicole Frederick
Collected By: N. Frederick/B. Davis

Field Report Prepared By: N. Frederick
Sampling Agency: NE ROC

Latitude	Longitude	Salinity (ppt)	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	Total Res. Chlorine (mg/L)	Bottle Group(s)
29.7955	82.2884	0.04	18.15	3.89	0.1	5.72	58	A/C/E/H
MONTECOCHA CR @ CR 340(NE 153th AVE) 2/28/2018								
WIN / Field ID: 20030112								
29.10754	82.270905	0.14	19.04	7.47	0.1	8.31	291	A/E/H
LITTLE HATCHETT CR @ SR 24 2/28/2018								
WIN / Field ID: 20020109								
LAKE FOREST CREEK @ UNIVERSITY AVE 2/28/2018								
WIN / Field ID: 20030089								
29.6516	82.2512	0.08	20.10	7.04	0.1	3.76	171	C/D/E
BLUES CREEK AT NW 71ST STREET, GAINESVILLE 2/28/2018								
29.71806	82.41836	0.06	19.76	6.77	0.15	133		A/C/D/E

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
B. Davis	2/28/18 1100	FedEx	3		

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By:

Field Report Prepared By:

Sampling Agency:

L		WIN / Field ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle	
F		G1NE0862		Date 2/28/18 Time 1100		Central		Date		(See pg 2)	
V		Calf Pond - center 2/28/2018		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.11		mg/L Total Res. Chlorine % sat (mg/L)			
Latitude 29.6282		Longitude 82.2862		Temp (C) 21.71		pH 7.51		Sample Depth 0.3		Sp. Conductance (umho/cm) 225	
WIN / Field ID		20020052		Collection (comp begin or grab)		Eastern		Composite end		Bottle	
LAKE ALICE CENTER 2/28/2018		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Date 2/28/18 Time 1400		Central		Date		Group(s)	
Latitude 29.6436		Longitude 82.3626		Temp (C) 24.13		pH 8.27		Sample Depth 0.3		Sp. Conductance (umho/cm) 282	
WIN / Field ID		G3NE0010		Collection (comp begin or grab)		Eastern		Composite end		Bottle	
LAKE ALICE Outlet @ Gale Lemeran rd. 2/28/2018		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Date 2/28/18 Time 1420		Central		Date		Group(s)	
Latitude 29.6416		Longitude 82.3574		Temp (C) 21.93		pH 7.03		Sample Depth 0.2		Sp. Conductance (umho/cm) 317	
WIN / Field ID		G3NE0010		Collection (comp begin or grab)		Eastern		Composite end		Bottle	
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)		Date		Central		Date		Group(s)	
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time	

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: 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: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W					
Group: B	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA					
Group: B	Bottle Type: BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

Group: B	Bottle Type: BG-500ML W-CT-Cl-R W-PCL-SQ-R	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: BG-1L W-PSNP-TQ	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: D	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
Group: E	Bottle Type: P-120ML-WC-THI NED-AEG-EC	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7 to 4 EL
Group: F	Bottle Type: QPCR-P-250ML PCR-FILTER PCR-HF183	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: G	Bottle Type: P-J-2L MI-FW-QLDC	# of Bottles: 2	Preservative: Formalin	Enter Number of Bottles Sent to Lab	NO Sample



	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: 6661 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9330 • 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 813.630.4777

[illegible]

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 ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temperature when received 4.4 (in degrees celcius)

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

Date Time

Device used for measuring Temp by unique identifier (circle IR temp gun used)

☐ Where required, pH checked

Temperature when received 4.0 (in degrees celcius)

FOR DRINKING WATER USE:

PWS ID:

Contact Person:

Phone: _____

Supplier of Water:

Site-Address:

Cooler Packing Worksheet for Request: RQ-2018-02-26-23

Gville_2018

Ship Cooler On: 2/23/2018

Customer/Project: NE-DIST/SMP

Assigned To: SEARSON_C
Requester: Nicole Frederick

Priority: 3

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
- Group G: SCl

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Description: Plastic Bottle 1L

Qty: 4 Preservation: ICE

Lot # 00070298

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: 4

Preservation: ICE

Description: Brown Plastic Bottle 1L

Lot #

1214297

Analysis
CHLSUITE-W

Description

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

Analysis
CHLSUITE-W

Description

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

Description: Brown Plastic Bottle 1L

Container ID: BP-1L

Qty: 1

Preservation: ICE

Lot # 1214297

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

Description: Plastic Bottle 1L

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot # 00070298

Bottle Group: B

of Sites: 1

Analysis
W-PO4-F

Description

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

Description: Plastic Bottle 125 mL

Container ID: P-125ML

Qty: 4

Preservation: FILTER-ICE

Lot # 00069732

Analysis

Description

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

Description: Plastic Bottle 500 mL

Container ID: P-500ML

Qty: 4

Preservation: ICE And H2SO4

Lot # 00070302

Affix YELLOW sulfuric acid dot to container.

Container ID: BG-500ML	Description: Brown Glass Bottle 500ML	Affix BLUE dot to container.
Qty: 1	Preservation: CH2ClCOOH Pre-Preserved	Lot # 00068622
<u>Analysis</u> W-CARB-AA	<u>Description</u> Carbamates in water matrices by HPLC/MS/MS	
Container ID: BG-500ML	Description: Brown Glass Bottle 500ML	Affix BLUE dot to container.
Qty: 4	Preservation: ICE	Lot # 00068622
<u>Analysis</u> W-CT-Cl-R W-PCL-SQ-R	<u>Description</u> 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	Description: Brown Glass Bottle 500ML	Affix BLUE dot to container.
Qty: 1	Preservation: ICE	Lot # 00068622
<u>Analysis</u> W-E8321-DI W-E8321-MS	<u>Description</u> 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	Description: Plastic Bottle 500 mL	Affix RED nitric acid dot to container.
Qty: 1	Preservation: HNO3	Lot # 00070302
<u>Analysis</u> W-ICP W-ICPMS	<u>Description</u> 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	Description: Plastic Bottle 500 mL	Affix YELLOW sulfuric acid dot to container.
Qty: 1	Preservation: ICE And H2SO4	Lot # 00070302
<u>Analysis</u> W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	<u>Description</u> 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	

Analysis
NED-AEG-EC

Description

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

Description:

Container ID: P-120ML-WC-THI

Qty: 7 Preservation: ICE

Lot #

6H02-1

Bottle Group: E

of Sites: 7

Analysis
PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Description: 250ml Sterile Nalgene (2)

Container ID: QPCR-P-250ML

Qty: 8 Preservation: ICE

Lot #

00069545

Bottle Group: D

of Sites: 4

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

Description: Brown Glass Bottle 500ML

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot #

00068622

Affix BLUE dot to container.

Bottle Group: C

of Sites: 4

Analysis
W-PSNP-TQ

Description

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

Description: Brown Glass Bottle 1L

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot #

00069911

Affix BLUE dot to container.

Analysis
W-PO4-F

Description

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

Description: Plastic Bottle 125 mL

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot #

00069732

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

Bottle Group: G

of Sites: 1

Container ID: PJ-2L

Qty: 2

Preservation: Formalin

Lot #

B10W95H

Description: Plastic Jar 2 L

Analysis
MI-FW-QLDC

Description

No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Cooler Packed By: CS

Number of Coolers: 4

Date:

2/23/18

Kit must also include:
Field Sheets
Temperature Control Bottle
FedEx Bills, if applicable
Plastic Bags
Zip Ties

If Preservation Included:

ID MCAA Buffer

ID Exp

ID Exp

ID Exp

ID Exp

Lot # 88817

Exp 01/10/19

Lot #

Lot #

Lot #

Lot #

Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2018-02-26-23