

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID:

Pro DSS Desi

RQ-

2020-07-27-11

Project:

BMAPI

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Brian V.	7/28/20	802	23.1	762.4	8.6	8.6	100.3	/	1.05	P/F	L/F
ICV				23.2	762.5	8.6	8.56	100.3	/	1.05	P/F	L/F
CCV	K McDonald		1520	22.4	761.2	8.7	8.7	98.7		1.05	P/F	L/F
CCV				21.4		7.9	7.8				P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Brian V.	7/28/20	807			1000	1000	P/F	L/F
ICV			811	190711A	7/20	100	103.9	P/F	L/F
CCV	K. McDonald		1528	191025B	11/2020	20,000	19270	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Brian V.	7/28/20	815	2902778	1/21	7.0	24.3	7.01	-11.2	P/F	L/F
Calibr.			820	2902778	1/22	4.01	25.0	4.01	164.9	P/F	L/F
Calibr.			823	4912823	5/21	10.01	24.4	10.01	184.8	P/F	L/F
ICV			825	2902778	1/21	7.0	24.3	7.03	-12.0	P/F	L/F
CCV			1531	4912823	5/2021	10.00	25.0	10.01	-185.7	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50; mV pH 4 Range +180 $\pm$ 50; mV pH 10 Range -180 $\pm$ 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	Brian Travis	7/28/20	830	0.00	0.00	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: CRAIG CR 100m DOWN FROM FOOTBRIDGE IN PARK

Date: 7/28/2020
(mm/dd/yyyy)

WIN/ Field ID: 20030958

WBID: 2297

Latitude: 30.295219

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.649891

Receiving Body of Water: ICW

RQ-2020- 07-27-11

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Brian Davis		X		X	X
Kelly McDonald	X		X		X

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☒ Pole
☐ Dipper	☐ Other
Depth Measured with <u>YSI</u>	
Equipment ID <u>ortho kit #7</u>	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded		Meter ID# <u>Pro DSS Desi</u>	
Photos: Yes / <u>No</u>	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ <u>Falling</u> / Slack/ NA	Tide Times: High <u>0536</u> Low <u>1215</u>
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#:	
Notes:			

Duplicate Sample

Time Zone: EST CEN	Time: _____	Field ID: _____	(WIN ID_DUP)
WIN DMT Activity ID: _____			

Blank

Time Zone: EST CEN	Time: _____	Field ID: _____	(Blank Type_DDMMYYYY)
DI Source: _____		Location: _____	
☐ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank	
Equipment ID: _____			

Type text here

LIMS EVENT ID: _____ WIN Import ID: _____
Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: Brian Davis
(Initials/Date) (Initials/Date)

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



RQ-2020- 07-27-11

Customer: 21 FLA

Project ID: BMAP 1

Collected By: Brian Davis/Kelly McDonald

Field Report Prepared By: K. McDonald

Sampling Agency: FDEP / NERO

Lab Page _____ of _____

WIN ID/Field ID:



20030958

CRAIG CR. 100m DOWN FROM
FOOTBRIDGE IN PARK

Comments:

SULFURIC
ACID <51%
DANGER
7584-93-8
7732-18-9

THERMO FISHER SCIENTIFIC
320 NORTH MAIN STREET
MIAMI, OK 74354
1-828-608-2711

Contains: 1.1 H2SO4

May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/mist/vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Contains: 1.1 H2SO4
Lot No.: SA9354050
Expires: 12/2020
See Safety Data Sheet (SDS)

Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
7/28/2020	1135 EST / CST	0.71	9.2	29.0	7.00	0.3	0.3 ☐ VOB (S)	0.78	3524	1.85

Cental Lab please use top row for login purposes

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4*	☒ <2	1	C
	Lot # SA9354050 Exp: 12/20/20				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO3*	☐ <2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	C
	Filter Lot # R7EA12511 Syringe Lot #				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-S04-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	C
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice		1 to ALS	C
	☐ Contract Lab				
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3	☐ Ice			
	☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes				
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	C
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				

Name:

K. McDonald

Signature:

K. McDonald

Date:

7/28/20

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



Florida DEP North East District ROC BMAP Field sheet

Data Pass CCV?

Yes / No

Date: 7/28/2020 RQ#: 2020-07-27-12Event Name: BMAP 1Meter ID: Pro DSS DesiSampling Team Members: B. Davis, K. McDonald

All bacteria samples taken are surface water grab samples.

WIN ID/Field ID:  20030793		WBID Number <u>22978</u>		Matrix: Surface ☐ Fresh ☐ Surface Salt ☒		Sample Type: E. coli ☐ Enterococcus ☒ Fecal ☐		Initials Sample & Preservation		Initials Documentation	
CRAIG CR @ HENDRICKS AVE		Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐				<u>KM</u>		<u>BD</u>	
Time <u>EST</u>	Total depth(m) <u>0.5</u>	Sample depth(m) <u>0.25</u>	Temp °C <u>26.5</u>	Conductivity µmhos <u>448</u>	Salinity ppt <u>0.21</u>	pH s.u. <u>7.5</u>	D.O. mg/L <u>3.12</u>	D.O. % sat <u>38.7</u>	Secchi m <u>10B</u>	Tide Ebb/ Flood Slack <u>Ebb</u>	
Comments and Weather:											

WIN ID/Field ID:  20030760		WBID Number <u>2322</u>		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation		Initials Documentation	
BUTCHER PEN CR AT WESCONNETT		Sample Access: Wading ☐ Dock ☐ From Shore ☐ Bridge ☒		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐				<u>Km</u>		<u>Km</u>	
Time <u>EST</u>	Total depth(m) <u>0.73</u>	Sample depth(m) <u>0.3</u>	Temp °C <u>26.2</u>	Conductivity µmhos <u>232.8</u>	Salinity ppt <u>0.11</u>	pH s.u. <u>7.3</u>	D.O. mg/L <u>4.35</u>	D.O. % sat <u>53.8</u>	Secchi m <u>1.0</u>	Tide Ebb/ Flood Slack <u>Ebb</u>	
Comments and Weather: <u>van dorn → He-man 1 km</u>											

WIN ID/Field ID:  20030082		WBID Number <u>2322</u>		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation		Initials Documentation	
BUTCHER PEN CR @ CONFEDERATE PT ROAD		Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐				<u>Km</u>		<u>Km</u>	
Time <u>EST</u>	Total depth(m) <u>0.51</u>	Sample depth(m) <u>0.3</u>	Temp °C <u>27.4</u>	Conductivity µmhos <u>277.3</u>	Salinity ppt <u>0.13</u>	pH s.u. <u>7.0</u>	D.O. mg/L <u>1.57</u>	D.O. % sat <u>19.8</u>	Secchi m <u>0.4</u>	Tide Ebb/ Flood Slack <u>Ebb</u>	
Comments and Weather: <u>van dorn used: He-man</u>											

Signature: _____ Date: _____

Field Sheet Scanned (Initials/date): _____ Parameters uploaded to LIMs (Initials/date): _____

Data QC'd in LIMs (Initials/date): _____ Data Migrated to WIN (Initials/date): _____

WIN ID/Field ID:



20030891

GOODBYS CR ABOVE WEST BRANCH
AT SAN CLERC

WBID Number

2326A

Matrix:
Surface ☒
Fresh ☒
Surface Salt ☐

Sample Type:

E. coli ☒
Enterococcus ☐
Fecal ☐Initials
Sample &
PreservationInitials
Document-
ation

Sample Access:

Wading ☐ Dock ☐
From Shore ☒ Bridge ☐Sample Ice Preserved in 15
minutes?
Yes ☒
No ☐

KM

BD

Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack
EST 1210	0.6	0.3	26.9	311.7	0.15	7.17	3.20	40.1	VOB	Ebb

Comments and Weather:

WIN / Field ID:



20030801

BIG FISHWEIR CR SF
@ HAMILTON ST

WBID Number

2280A

Matrix:
Surface ☒
Fresh ☒
Surface Salt ☐

Sample Type:

E. coli ☒
Enterococcus ☐
Fecal ☐Initials
Sample &
PreservationInitials
Document-
ation

Sample Access:

Wading ☐ Dock ☐
From Shore ☒ Bridge ☐Sample Ice Preserved in 15
minutes?
Yes ☒
No ☐

KM

BD

Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack
EST 1035	0.3	0.15	27.1	180.3	0.08	7.15	2.95	37.0	VOB	Ebb

Comments and Weather:

WIN / Field ID:



20030953

LITTLE FISHWEIR AT OAK ST.

WBID Number

2280A

Matrix:
Surface ☒
Fresh ☒
Surface Salt ☐

Sample Type:

E. coli ☒
Enterococcus ☐
Fecal ☐Initials
Sample &
PreservationInitials
Document-
ation

Sample Access:

Wading ☐ Dock ☐
From Shore ☐ Bridge ☒Sample Ice Preserved in 15
minutes?
Yes ☒
No ☐

KM

BD

Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack
EST 1105	0.6	0.3	26.7	321.7	0.15	6.9	2.09	26.0	VOB	Slack

Comments and Weather:

WIN Number / Site Name

WBID Number

Matrix:
Surface ☐
Fresh ☐
Surface Salt ☐

Sample Type:

E. coli ☐
Enterococcus ☐
Fecal ☐Initials
Sample &
PreservationInitials
Document-
ation

Sample Access:

Wading ☐ Dock ☐
From Shore ☐ Bridge ☐Sample Ice Preserved in 15
minutes?
Yes ☐
No ☐

Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack

Comments and Weather:

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bmap 1

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: K. McDonald

Project ID: BMAP

Collected By: B. Davis, K. McDonald

Sampling Agency: FDEP NEROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/28/20 Time 1035		Eastern Central	Composite end Date 8 Time		Bottle Group(s) (See pg 2)
Field ID	WIN / Field ID: 20030801	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.95	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
WIN/STORET #	BIG FISHWEIR CR SF @ HAMILTON ST	Temp (C) 27.1	pH 7.15	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 180.3		
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments 0.15 km				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/28/20 Time 1105		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID	WIN / Field ID: 20030953	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.09	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
WIN/STORET #	LITTLE FISHWEIR AT OAK ST.	Temp (C) 26.7	pH 6.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 321.7		
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.15	Comments km 0.3				
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: K. McDonald	Date/Time 1228 7/28/20	Shipping Method Sent to ALS	Number of Coolers Shipped: _____	Received By:	Date/Time
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Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bmap 1

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: K. McDonald

Project ID: BMAP

Collected By: B. Davis, K. McDonaldSampling Agency: FDEP NEROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/28/20</u> Time <u>1130</u>		☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s) (See pg 2)
Field	WIN ID/Field ID:  20030793	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>3.12</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	A
WIN/ST	CRAIG CR @ HENDRICKS AVE	Temp (C) <u>26.5</u>	pH <u>7.25</u>	Sample Depth <u>0.25</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>448</u>	
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) <u>0.21</u>	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/28/20</u> Time <u>1000</u>		☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field	WIN ID/Field ID:  20030760	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.35</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	B
WIN/ST	BUTCHER PEN CR AT WESCONNETT	Temp (C) <u>26.2</u>	pH <u>7.3</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>232.8</u>	
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/28/20</u> Time <u>1015</u>		☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field	WIN ID/Field ID:  20030082	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>1.57</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	B
WIN/ST	BUTCHER PEN CR @ CONFEDERATE PT ROAD	Temp (C) <u>27.4</u>	pH <u>7.0</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>217.3</u>	
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) <u>0.13</u>	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/28/20</u> Time <u>1210</u>		☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field ID	WIN ID/Field ID:  20030891	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>3.20</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	B
WIN/ST	GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC	Temp (C) <u>26.9</u>	pH <u>7.17</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>311.7</u>	
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) <u>0.15</u>	Comments			

Relinquished By: <u>K. McDonald</u>	Date/Time <u>7/28/20</u> <u>1228</u>	Shipping Method <u>sent to ALS</u>	Number of Coolers Shipped: <u>—</u>	Received By:	Date/Time
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Group: A Bottle Type: P-250ML-WI-THI # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 12 to ALS
NE-ALS-ENQ km

Group: B Bottle Type: P-250ML-WI-THI # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 7 to ALS
NE-ALS-ECQ 5
km

8/19/20



CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Mandy Sullivan

Page 1 of 1

Client Name FDEP-NE ROC		Project Number RQ-2020-07-27-12 RQ-2020-07-27-11		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Report To Dep-Overflowmicro@dep.state.fl.us		Report CC		Preservative Key	
Company/Address 8800 Baymeadows Way W Jacksonville, FL 32256		NUMBER OF CONTAINERS E. Coli Enterococci		0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. ICE REMARKS	
Phone # 904-256-1700		FAX #		8//	
Sampler's Signature [Signature]		Sampler's Printed Name Kelly A McDonald			
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	Matrix	
20030958		7/28	1135	SW	1 X
20030793		1	1130	1	1 X
20030760			1000	1	1 X
20030082			1015	1	1 X
20030891			1210	1	1 X
20030801			1035	1	1 X
20030953			1105	1	1 X
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. # 010759					
Bill to:					
Relinquished By					
Signature Kelly A McDonald					
Printed Name Kelly A McDonald					
Firm FDEP NEROC					
Date/Time 7/28/20 1228					
Received By					
Signature [Signature]					
Printed Name [Name]					
Firm [Firm]					
Date/Time 7/28/20 1228					
Relinquished By					
Signature [Signature]					
Printed Name [Name]					
Firm [Firm]					
Date/Time [Date/Time]					
Received By					
Signature [Signature]					
Printed Name [Name]					
Firm [Firm]					
Date/Time [Date/Time]					

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: K. McDonald

Project ID: SMP

Collected By: B. Davis, K. McDonald

Sampling Agency: FDEP NEROC

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
		☒ Grab	Date	Time	Central	Date	Time	
Field ID	WIN ID/Field ID:	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		C
WIN	20030958	Salt		0.71	☐ % sat	—		
Lat/Long	CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)		
		29.0	7.00	0.3	☒ m	3524		
Latitude ☐ dd ☐ dms		Salinity (ppt)	Comments					
		1.85						

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

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

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K. McDonald	1530 7/28/2020	FedEx	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	NE-ALS-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-HARD						
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						

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Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	NE-ALS-ECQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	W-PO4-F						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1 to ALS</u>
	NE-ALS-ENQ						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-E8321-DI W-E8321-MS						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3						

Group: C Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1 *KM on previous page*

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

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1

W-PO4-F

8/19/20

8/19/208