



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

B

WIN Station Name: Oldfield CR. @ LORETTO Rd

Date: 03/05/2018

WIN/ Field ID: 20030563

WBID: 2370

Latitude: 30.15993

County: DUVAL

ORG ID: 21FLA

Longitude: 81.60630

Receiving Body of Water: JULINGTON Creek

RQ-2018- 03-05-22

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

Sampling Equipment		
☐ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Secchi</u>		
Equipment ID <u>ORFAS #7</u>		

Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / No
Flow: No Flow / Interstitial / Flowing / NA
Meter ID# Quanta
Matrix: Fresh / Marine / DI
Tide: Rising / Falling / Slack / NA
Tide Times: High 1504 Low 952

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1215	0.3	0.2	0.35	7.7	76.9	7.5J	9.17	363	15.3
CEN				VOB						

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-SA-TP	☒ Ice ☒ H2SO4	SA7341020	12-07-18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☐ Ice ☐ HNO3	NA7261120	09-18-18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	R7E412811		
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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			
	☒ W-E8321-D1 ☒ W-E8321-MS	☒ ICE			

Notes:

Signature: [Signature] Date: 3/5/18

WIN / Field ID: 20030563

OLDFIELD CR @ LORETTO RD

Enter Field Parameters, Verify Station ID In LIMS DMT: 3/15/18 QC Station ID, Field Parameters In LIMS DMT: BV 3/15/18
Scan/Save Field Sheets 03/15/18 Migrate Data to WIN: [Signature] Verify Data In WIN: [Signature]

Printed: 2/26/2018 4:01:30 PM

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Date of Request: 29-JAN-2018
 Created By: FREDERIC_N On: 29-JAN-2018
 Modified By: FREDERIC_N On: 26-FEB-2018
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: LSJR SOUTHSIDE 2_2018

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:

Send Final Report To:

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

Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 20-FEB-2018
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 07-MAR-2018
 Received By:

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: Freshwater Kit, No Metals; E.coli/Tracers/ PCR-Filter
 Group B: Freshwater Kit With Metals; E.coli
 Group C: E.coli/markers/Tracers
 Group D: MI-FW-QLDC (NO containers needed)

Bottle Group A (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District
*Escherichia Coli-Quanti-Tray		
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-E8321-DI	Template: SUCRALOSE	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Sucralose		
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Acetaminophen		
*Carbamazepine		

Bottle Group A (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Fluridone		
*Imazapyr		
*Primidone		
2,4-D		
Bentazon		
Diuron		
Fenuron		
Imidacloprid		
MCPP		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
TSS		

Bottle Group B (Water) With 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
*Lithium		
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Calcium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Magnesium		
Manganese		
Molybdenum		
Nickel		
Potassium		
Selenium		
Silver		
Sodium		
Strontium		
Thallium		
Tin		

Bottle Group B (Water) With 3 Samples:

Bottle Type: W-ICP	Number of Bottles: Template:	Preserved With: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Titanium Vanadium Zinc		
Bottle Type: ALKALINITY	Number of Bottles: 0 Template: DEFAULT	Preserved With: (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a		
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District
*Escherichia Coli-Quanti-Tray		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-E8321-DI	Template: SUCRALOSE	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Sucralose		
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Acetaminophen *Carbamazepine *Fluridone *Imazapyr *Primidone 2,4-D Bentazon Diuron Fenuron Imidacloprid MCP		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron Arsenic Cadmium Copper Lead Silver		
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO ₂ NO ₃ -N		
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group B (Water) With 3 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
W-TKN Kjeldahl Nitrogen	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC Organic Carbon	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
W-TSS TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Group C (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
NE-ALS-ECQ *Escherichia Coli-Quanti-Tray	Template: DEFAULT	(SM 9223 B) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District
PCR-FILTER *HF183 - Human Source Marker	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
W-E8321-DI *Sucralose	Template: SUCRALOSE	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS *Acetaminophen *Carbamazepine *Fluridone *Imazapyr *Primidone 2,4-D Bentazon Diuron Fenuron Imidacloprid MCP	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Biological) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
MI-FW-QLDC *Macroinvert-FW-Qual-DipnetX20-#Taxa-Rep2 *Stream Condition Index (SCI)	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

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

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ALS Contact: Jerry Allen

Client Name

FDEP-NE ROC

Report To

Dep-Overflowmicro@dep.state.fl.us

Company Address
8800 Baymeadows Way W
Jacksonville, FL 32256

Phone #

904-256-1541

FAX #

Sample's Signature

Patricia O'Connor

Sampler's Printed Name

Project Number

RQ-2018-03-05-22

Report CC

Soremy Parrish

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Serial

0

E.Coli

Enterococci

Preservative Key

- 0. None
- 1. HCL
- 2. HNO3
- 3. H2SO4
- 4. NaOH
- 5. Zn, Acetate
- 6. MeOH
- 7. NaHSO4
- 8. Other

REMARKS

ICE

CLIENT SAMPLE ID

LAB ID

SAMPLING DATE TIME

Matrix

20030568

20030563

20030684

20030685

20030852

03-05-18 1330

03-05-18 1215

1115

1055

1145

SW

1

1

1

1

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

TURNAROUND REQUIREMENTS

RUSH (SURCHARGES APPLY)
X STANDARD

REQUESTED FAX DATE

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:

Signature *Patricia O'Connor*

Received By *[Signature]*

Signature *[Signature]*

Received By *[Signature]*

Signature *[Signature]*

Received By *[Signature]*

Printed Name *Patricia O'Connor*

Printed Name *Patricia O'Connor*

Printed Name

Printed Name

Printed Name

Printed Name

Firm *DEARNED ROC*

Firm *DEARNED ROC*

Firm

Firm

Firm

Firm

Date/Time *03-05-18 1457*

Date/Time *03-05-18 1457*

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