FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN/ Field ID: 27010050

Date: 03/19/2018 (mm/dd/yyyy)

MOSES CR AT US 1

WBID: 2535B Latitude: 29.7739 (Decimal Degrees)

County: St. Johns ORG ID: 21FLA Longitude: 81.36671 (Decimal Degrees)

Receiving Body of Water: ICW RQ-2018- 03-19-17

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
P. O'Connor		X	XX		
A. Katzenbacher	X		X	X	X

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Secchi
- Equipment ID Oakton #3

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

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID# Quanta

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	1130	0.2	0.1	0.2 S	4.4	47	7.16	0.21	431	19.0
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	SA7093010	04-03-18	[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	RTKA12512		
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 Sulfuric Acid SA-7093010 EXP: 04/03/18 Warning! See SDS

vative Sticker(s) Here (If Available)

Notes:

Place Label Here

Signature: A. Katzenbacher Date: 3-19-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: JC 3/22/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 3/23/18 (Initials/Date)

Scan/Save Field Sheets BD 3/23/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

QA/QC Sample In

WIN ID: G5NE0005

Palm Coast Canal at Old Kings Rd.

Field ID: G5NE0005DUP

Duplicate

Time Zone: EST CEN **Sample Depth (m):** 0.3

Time: 1010 **Total Depth (m):** 1.35

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	SA7341020	12-07-18	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	R7KA12512		
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			
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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

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

Place Preservat (If Av

Blank

Time Zone: EST CEN **Time:** 1115 **Field ID:**

DI Source: NE ROC LAB **Location:**

☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** ORTHO # 3

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	SA7341020	12-07-18	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7KA12512		
Chlorophyll	☐ CHLSUITE-W N/A	☐ 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			
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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

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

Place Preservat (If A

Notes:

Field ID: BLANK 03202018

Field Blank
Location: NE ROC DI

Signature: **Date:**

Field Parameters Entered into LIMS: RJ 3/22/18 (Initials/Date) **Field Parameters QC in LIMS:** _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) **Field Sheets Scanned/Saved:** _____ (Initials/Date)

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

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

SR #

ALS Contact: Jerry Allen

Client Name	Project Number
FDEP-NE ROC	RQ-2018-03-19-17
Report To	**Report CC**
Dep-Overflowmicro@dep.state.fl.us	
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	**FAX #**
904-256-1541	
Sampler's Signature	**Sampler's Printed Name**
Patrick O'Conn	Patrick O'Connor

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	E.Coli	Enterocooi	Preservative	8	0	REMARKS
G5NE0005		03-19-18	1000	SW	1	X					
27010050		↓	1130	↓	1	↓					

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

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

1 of 2

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. # B10739
Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Patrick O'Conn	Signature: Renee Futch	Signature	Signature	Signature	Signature
Printed Name: PATRICK O'Connor	Printed Name: Renee Futch	Printed Name	Printed Name	Printed Name	Printed Name
Firm: DEAR NED ROC	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 03-19-18 1310	Date/Time: 3/19/18 1310	Date/Time	Date/Time	Date/Time	Date/Time

Request Number: RQ-2018-03-19-17

UEC 1_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page ~~1 of 2~~ 1/3

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: A. Kalmbacher, P O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

Station	Collection	Composite end	Bottle Group(s)
WIN/ Field ID: 27010050 MOSES CR AT US 1	☐ Comp ☒ Grab; Collection (comp begin or grab) Date 03-19-18 Time 1130 (Eastern) Central	Date — Time	(See pg 2) A+B
	Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh; Diss. Oxygen 4.4 ☒ mg/L ~~☒ % sat~~	Total Res. Chlorine (mg/L) —	
	Temp (C) 19.0; pH 7.16; Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 431	
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt) 0.21; Comments: DO% 47.0		
~~WIN/ Field ID: 27010060 CRACKER BR @ CR 204~~	☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central	Date Time	
	Matrix (type, e.g., Salt, Fresh, etc); Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Temp (C); pH; Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt); Comments		
WIN ID: G5NE0005 Palm Coast Canal at Old Kings Rd. Field ID: G5NE0005DUP	☐ Comp ☒ Grab; Collection (comp begin or grab) Date 03-19-18 Time 1010 (Eastern) Central	Date — Time	~~A+B~~ A
	Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh; Diss. Oxygen 6.7 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
	Temp (C) 18.6; pH 6.95; Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 323	
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt) 0.15; Comments: DUPLICATE DO% 70		
WIN/ Field ID: G5NE0005 Palm Coast Canal at Old Kings Rd.	☐ Comp ☒ Grab; Collection (comp begin or grab) Date 03-19-18 Time 1000 (Eastern) Central	Date Time	A+B
	Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh; Diss. Oxygen 6.7 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
	Temp (C) 18.6; pH 6.95; Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 323	
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt) 0.15; Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P O'Connor	03-19-18 1400	FED EX	1 (Total)		

Group: A	Bottle Type:	P-1L	# of Bottles: 5	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: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	4
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	NE-ALS-ECQ						

Request Number: RQ-2018-03-19-17

UEC 1_2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: A. Kalmbacher, P. O'Connor

Field Report Prepared By:

Sampling Agency:

Field ID: BLANK 03202018

Field Blank

Location: NE ROC DI

	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03-19-18 Time 1115 (Eastern) Central		Composite end Date — Time	Bottle Group(s) (See pg 2): A
	Matrix (type, e.g., Salt, Fresh, etc): De-ionized Water	Diss. Oxygen — ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —	
	Temp (C) —	pH —	Sample Depth — ☐ ft ☐ m	Sp. Conductance (umho/cm) —	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments: * No Chl. for Blank			
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
P. O'Connor	03-19-18 1400	Fed Ex	1 (total)		