FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

Field ID:
Win ID: 21010064

Date: 6 / 19 / 2018 (mm/dd/yyyy)

FALLING CREEK @ US 441

WBID: 3477 Latitude: 30.2653 (Decimal Degrees)

County: Columbia ORG ID: 21FLA Longitude: -82.6351 (Decimal Degrees)

Receiving Body of Water: Suwannee River RQ-2018- 06-18-13

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

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

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

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

Meter ID# YSI II

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)	0955	0.25	0.1	0.25 S	4.8	58	5.41	0.03	62	24.7
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	SA7163030	6/12/18	[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	R7KA1251 2		
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
Lot No.: SA7163030
Expires: 06/12/18
See Safety Data Sheet (SDS)

Place Preservati (If Av

SULFURIC ACID >51% — Contains 1:1 Sulfuric Acid — THERMO FISHER SCIENTIFIC — DANGER — 7664-93-9 — 7732-18-5

Notes:

Field ID:
Win ID: 21010064

FALLING CREEK @ US 441

Signature: [signature] Date: 6.19.2018

Enter Field Parameters, Verify Station ID In LIMS DMT: [signature] 6/22/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BT 6/25/18 (Initials/Date)

Scan/Save Field Sheets BT 6/25/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: (EST) CEN
Time: ______
Sample Depth (m): ______
Total Depth (m): ______
Field ID: ______

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			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
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 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-PYR-AA-R ☐ W-SUC-AA-R ☐ W-AHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-PCL-SQ-R				

Place Preservative Sticker(s) Here
(If Available)

Blank

Field ID: ______
Time: 1010
Location: ______
Equipment ID: ORTHO # 3
Time Zone: (EST) CEN
DI Source: NE ROC LAB
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

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	SA7163030	6/12/18	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7KA1251 2		
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 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-PYR-AA-R ☐ W-SUC-AA-R ☐ W-AHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-PCL-SQ-R				

Contains 1:1 Sulfuric Acid
Lot No.: SA7163030
Expires: 06/12/18
See Safety Data Sheet (SDS)

SULFURIC ACID >51%
THERMO FISHER SCIENTIFIC
Contains 1:1 Sulfuric Acid
DANGER

Place Preserva[tive Sticker(s) Here]

Field ID: BLANK 06192018
Field Blank
Location: NE ROC DI

Notes:

Date: 6-19-2018

Signature: ______ [signature] 6/22/18
Field Parameters Entered into LIMS: ______ (Initials/Date)
STORET: ______ (Initials/Date)
Field Parameters QC in LIMS: ______ (Initials/Date)
Field Sheets Scanned/Saved: ______ (Initials/Date)

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE _____ OF _____

SR#

CAS Contract

Project Name: Suwannee North 2	Project Number: RQ-2018-06-18-13
Project Manager: Jeremy Parrish	Email Address:
Company/Address: C/O DEAR NED ROC 8800 BAYMEADOWS WAY W. JAX FL 32256	
Phone #	FAX #
Sampler's Signature: Patrick O'Connor	Sampler's Printed Name: Patrick O'Connor

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 8

NUMBER OF CONTAINERS: E.coli

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other ICE

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS: E.coli	REMARKS/ ALTERNATE DESCRIPTION
21010033		06-19-18	1210	SW	X 1	
21010063		"	1140	"	X	
21010064		"	0955	"	X	
21010051		✓	1055	✓	X	

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 4.8 °C CUSTODY SEALS: Y N

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

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
____ V. Specialized Forms / Custom Report
Edata ____Yes ____No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Patrick O'Connor	Signature:	Signature	Signature	Signature	Signature
Printed Name: Patrick O'Connor	Printed Name: Yasmin Stolnack	Printed Name	Printed Name	Printed Name	Printed Name
Firm: DEAR NED ROC	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 06-19-18 1420	Date/Time: 10/19/16 1420	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Retained by Client

Request Number: RQ-2018-06-18-13

Suwannee North 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: P. O'Connor

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NE Roc

Field ID: 21020063
Win ID:

HUNTERS CREEK AT SR 135

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-19-2018 Time 1140	Eastern / Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.58	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 26.3	pH 6.5	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 69		E	
Salinity (ppt) 0.03	Comments						

Field ID: 21010033
Win ID:

LITTLE CREEK AT US 441

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-19-2018 Time 1210	Eastern / Central	Composite end Date Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 25.7	pH 3.95	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 75		A	
Salinity (ppt) 0.03	Comments						

Field ID: 21010051
Win ID:

DEEP CREEK @ HYWY 441

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-19-2018 Time 1055	Eastern / Central	Composite end Date Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 25.2	pH 4.11	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 64		B	
Salinity (ppt) 0.03	Comments						

Field ID: 21010064
Win ID:

FALLING CREEK @ US 441

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-19-2018 Time 0955	Eastern / Central	Composite end Date Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 24.7	pH 5.41	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 62		C	
Salinity (ppt) 0.03	Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	6-19-2018 1500	FedEx	2		

Request Number: RQ-2018-06-18-13
Suwannee North 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish
Collected By: P. O'Connor
Field Report Prepared By: A. Kalmbacher
Sampling Agency: FDEP/NE ROC

Field ID: BLANK 06192018
Field Blank
Location: NE ROC DI

Sample					
Field ID: BLANK 06192018 — Field Blank — Location: NE ROC DI	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-19-2018 Time 1010	(Eastern) Central	Composite end Date Time	Bottle Group(s) (See pg 2): D
	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			
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
A. Kalmbacher	6-19-2018 1500	Fed Ex	2		

Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	NE-ALS-ECQ						Sent to contract lab
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	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**	1
	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						

Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	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:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	NE-ALS-ECQ					→ Sent to contract lab
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	PCR-BACR					
	PCR-FILTER					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	W-E8321-DI					
	W-E8321-MS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 1
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 1
	W-PO4-F					
Group: C	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: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	CHLSUITE-W					

Group: C	Bottle Type: NE-ALS-ECQ	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → Sent to Contract lab
Group: C	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: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: D	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	1
Group: D	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: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: NE-ALS-ECQ	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → Sent to contract lab