



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ING PROGRAM FIELD SHEET

WIN/
Field ID:



G5NE0005

January 2018

Data Qualified?

Yes / No

Palm Coast Canal at Old Kings Rd.

Date: 3/19/2018
(mm/dd/yyyy)

WBID: 2609A Latitude: 29.49772

(Decimal Degrees)

County: Flagler

ORG ID: 21FLA

Longitude: 81.1903

(Decimal Degrees)

Receiving Body of Water: Graham Swamp

RQ-2018-03-19-17

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
P.O'Connor A. Kalmbacher						X	X	X	X	X	☐ Sample Container	☒ Van Dorn	☐ Pole		
											☐ Carboy	☐ Syringe	☐ Dipper	☐ Other	
Depth Measured with						Seechi Disc									
Equipment ID						ORTHO #3									
Collection Method															
☐ Wading						☐ Canoe/Kayak									
☐ From Shore						☐ Electric Motor									
☒ Other Bridge						☐ Gasoline Motor									
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID#			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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)					
EST	1000	1.35	0.3	0.7	6.7	70	6.95	0.15	323	18.6					
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		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		SA7341020	12-07-18	☒ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <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-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Ice ☐ Other									

Notes:		Place Label Here	
Signature: [Signature]		Date: 3/23/18	

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

QA/QC Sample Int

WIN ID:



G5NE0005



G5NE0005DUP

Palm Coast Canal
at Old Kings Rd.

Field ID:

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 ₂ SO 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 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Place Preservation
(If Applicable)

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 ₂ SO 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 <u>N/A</u>	☐ 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 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Place Preservation
(If Applicable)

Notes:

Field ID:



BLANK 03202018

Field Blank
Location: NE ROC DI

Signature:

Date:

Field Parameters Entered into LIMS:

(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

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

Page 1 of 1

SR #
ALS Contact: Jerry Allen

Client Name FDEP-NE ROC		Project Number RO-2018-03-19-17		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																			
Report To Dep-Overflowmicro@dep.state.fl.us		Report CC		Preservative Key 0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other (CE) REMARKS																			
Company/Address 8800 Baymeadows Way W Jacksonville, FL 32256				NUMBER OF CONTAINERS E.Coli Enterococci																			
Phone # 904-256-1541		FAX #																					
Sampler's Signature <i>Patrick O'Connor</i>		Sampler's Printed Name Patrick O'Connor																					
CLIENT SAMPLE ID G5NE0005 21010050		LAB ID		SAMPLING DATE 03-19-18 1130		Matrix SW		1 1															
Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us																							
Relinquished By <i>Patrick O'Connor</i>				Received By <i>Patricia Futch</i>				Relinquished By				Received By				Relinquished By				Received By			
Printed Name Patrick O'Connor				Printed Name Patricia Futch				Printed Name				Printed Name				Printed Name				Printed Name			
Firm SEAR MED 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			
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, MSMSD 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:															

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Field Report Prepared By:

Collected By:

A. Kater Baker, PO'Connor

Sampling Agency:

DEH NED REC

WIN/
Field ID:

27010050

MOSES CRAT US 1

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms☐ dd ☐ dms

Salinity (ppt)

0.21

Comments

DO% 47.0

Composite end

Date

Time

Bottle Group(s)

WIN/
Field ID:

27010060

~~CRACKER BR @ CR 204~~Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms☐ dd ☐ dms

Salinity (ppt)

0.21

Comments

DO% 47.0

Composite end

Date

Time

Bottle Group(s)

WIN ID:



G5NE0005

Palm Coast Canal
at Old Kings Rd.

Field ID:



G5NE0005DUP

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms☐ dd ☐ dms

Salinity (ppt)

0.15

Comments

Duplicate

DO% 70

Date

Time

Bottle Group(s)

WIN/
Field ID:

G5NE0005

Palm Coast Canal at Old Kings Rd.

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms☐ dd ☐ dms

Salinity (ppt)

0.15

Comments

DO% 70

Date

Time

Bottle Group(s)

Relinquished By:

Date/Time

03-19-18 1400

Shipping Method

Fed Ex

Number of Coolers Shipped:

1 (Total)

Received By:

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Date/Time

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Field Report Prepared By:

Collected By:

A. Kaimbacher, J.D. Conner

Sampling Agency:

Field ID:



BLANK 03202018

Field Blank

Location: NE ROC DI

Field ID:		BLANK 03202018		Field Blank		Location: NE ROC DI		Bottle Group(s)		
Field ID:		BLANK 03202018		Field Blank		Location: NE ROC DI		Bottle Group(s)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	☐ dd ☐ dms	Comments	* No chl. for blade			
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	
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	
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Location				☐ Comp 						