



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ING PROGRAM FIELD SHEET

WIN/Field ID:



20030068

January 2018

Data Qualified?

Yes / No

Date: 11/28/2018

(mm/dd/yyyy)

BIG POTTSBURG CR BOWDEN

WBID: 2265C

Latitude: 30.26424

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.59001

(Decimal Degrees)

Receiving Body of Water: Arlington River

RQ-2018-11-26-15

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
P.O'Connor			X			X	☒ Sample Container	☐ Van Dorn	☒ Pole		
A. Kalmbacher		X		X			☐ Carboy	☐ Syringe			
							☐ Dipper	☐ Other			
							Depth Measured with meter				
							Equipment ID Ortho Kit 3				
							Collection Method				
							☐ Wading	☐ Canoe/Kayak			
							☒ From Shore	☐ Electric Motor			
							☐ Other	☐ Gasoline Motor			
Water Level: Dry / Pooled / Low / Normal / High / Flooded							Meter ID# Y513		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 (umhos/cm)	Temp. (C°)	
EST	1215	.48	0.3	0.48	7.4	71	7.03	0.11	240	13.7	
CEN				S							
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	SA8274050	10/2019	☒ <2		
Metals		W-ICPMS W-JCP				☒ Ice ☒ HNO3	NA8197080	7/2019	☒ <2		
Filtered Nutrients		W-PO4-F Field Filtered 0.45 um Filter				☒ Ice	RTA06408				
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-Q1DC				☐ 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					
		W-EB321-DI W-EB321-MS				☒ Other					

Notes:

WIN/Field ID:



20030068

BIG POTTSBURG CR BOWDEN

Signature:

Date:

11-28-2018

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Duplicate

Time Zone: EST CEN		Time: _____		Field ID: _____	
(WIN ID + DUP)					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Che
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO 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	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-MS ☐ W-E8321-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E8321-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: EST CEN		Time: <u>1020</u>		Field ID: _____	
(Blank_QDDMMYYYY)					
DI Source: <u>NED</u>		Location: <u>NE ROC Lab</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			

WIN DMT Blank Batch ID:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Che
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SAB085170</u>	<u>03/2019</u>	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ 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			
Tracers	☐ W-E8321-MS ☐ W-E8321-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E8321-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Other			

Notes:

Field ID:



BLANK 11282018

Field Blank

Location: NE ROC DI

Signature:

[Handwritten Signature]

Date:

11-28-2018

Enter Field Parameters, Verify Station ID in LIMS DMT:

11/30/18
(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. ParrishCollected By: P.O'ConnorField Report Prepared By: A. KalmbacherSampling Agency: FDEP/NE ROC

Location	Field ID:  BLANK 11282018	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-28-2018</u> Time <u>1020</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field I		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/S	Field Blank Location: NE ROC DI	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: <u>A. Kalmbacher</u>	Date/Time: <u>11-28-2018</u> 1340	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: _____	Date/Time: _____
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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-WI-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-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
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: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICP W-ICPMS					
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: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ALKALINITY TURBIDITY W-CL-IC					

LSJR Downtown

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

A. K. Imbacher

Project ID: SMP

Collected By:

P. O'Connor

Sampling Agency:

FDEP / NE ROL

Location	WIN /Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-28-2018 Time 1045	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID		20030752		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.01	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/ST		TROUT RIVER AT RAMALLAH RD		Temp (C) 11.4	pH 5.27	Sample Depth 0.2	Sp. Conductance (umho/cm) 110	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments			
Location	WIN /Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-28-2018 Time 1000	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID		20030751		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/ST		TROUT RIVER AT GARDEN ST		Temp (C) 11.8	pH 5.97	Sample Depth 0.10	Sp. Conductance (umho/cm) 115	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments			
Location	WIN /Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-28-2018 Time 1245	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID		20030068		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST		BIG POTTSBURG CR BOWDEN		Temp (C) 13.7	pH 7.03	Sample Depth 0.3	Sp. Conductance (umho/cm) 240	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.11	Comments			
Location	WIN /Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date	☐ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID		20030792		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST		DEER CREEK @ TALLYRAND AVE		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments DID NOT COLLECT			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. K. Imbacher	11-28-2018 1340	Fed Ex	2		



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

19143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE

OF

SR#

CAS Contract

Project Name LSJR Downtown		Project Number RA 2018-11-26-15		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																									
Project Manager Jeremy Parrish		Email Address Dep-Overflowmicro@a		PRESERVATIVE 8																									
Company/Address EDAP		dep.state.fl.us		NUMBER OF CONTAINERS E. Coli															Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other ICE										
8800 Baymeadows Way W STE 100																													
Jacksonville, FL 32256																													
Phone # 904-256-1700		FAX #																											
Sampler's Signature [Signature]		Sampler's Printed Name Amy Kalmbacher																											
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE		TIME		MATRIX																					
20030751				11/28/18		1000		SW																					
20030752				↓		1045		↓																					
20030068				↓		1215		↓																					
SPECIAL INSTRUCTIONS/COMMENTS																		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:			
See QAPP ☐ 0.90C																													
SAMPLE RECEIPT: CONDITION/COOLER TEMP:																		CUSTODY SEALS: Y N											
RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY									
Signature [Signature]				Signature [Signature]				Signature				Signature				Signature				Signature									
Printed Name Amy Kalmbacher				Printed Name HAILEA BLACKWELL				Printed Name				Printed Name				Printed Name				Printed Name									
Firm EDAP				Firm ALS				Firm				Firm				Firm				Firm									
Date/Time 11-28-2018				Date/Time 11-28-18 / 1300				Date/Time				Date/Time				Date/Time				Date/Time									