

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.5</u>		Field ID: <u>20030072 Dup</u>	
Time: <u>1030</u>		Total Depth (m): <u>2.4</u>			
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	SA 734620	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA 7226080	8/14/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7EA12511	Place Preservative Sticker(s) Here (If Available)	
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			
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			
W-E8321-MS W-E8321-DI					

Blank

Time Zone: EST CEN		Time: <u>1030</u>		Field ID: _____	
DI Source: <u>NE ROC LAB</u>		Location: <u>Pottsburg @ Atlantic Blvd</u>			
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>ORTHO # 7</u>			
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			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice		Place Preservative Sticker(s) Here (If Available)	
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			
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			

Notes:

Signature: <u>[Signature]</u>	WIN ID	
	BIG POTTSBURG CR ATL BLVD	
	FIELD ID	20030072DUP
	Date: <u>4/17/18</u>	

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)

LSJR Downtownsalt Boat

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By:

Collected By:

Sampling Agency:

B. Davis, P. O'Connor
DATE NEA ROC

WIN /Field ID:

20030073

ARLINGTON R CESERY BLVD

Latitude

☐ dd ☐ dms Longitude

WIN /Field ID:

G2NE1152

Arlington River at Carlton oaks

Latitude

☐ dd ☐ dms Longitude

WIN /Field ID:

20030814

LITTLE POTTSBURG CR @ MOUTH OF W BRNCH

Latitude

☐ dd ☐ dms Longitude

WIN /Field ID:

20030679

LITTLE POTTSBURG CREEK AT ATLANTIC BLVD

Latitude

☐ dd ☐ dms Longitude

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
B. Davis	4/17/18 1500	Fed Ex	3		

Latitude	Longitude	Temp (C)	pH	Salinity (ppt)	Collection (comp begin or grab)	Time	Sample Depth	Diss. Oxygen	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
		20.5	7.75	2.28	Comp	4/17/18	1100	8.86	0.3	4277	A
		20.7	7.79	2.25	Comp	4/17/18	1125	9.02	0.3	4217	A
		20.7	7.82	2.27	Comp	4/17/18	1145	8.98	0.3	4274	A

Group: A	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

WIN /Field ID: 20030072				☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1015		☒ Eastern ☐ Central		Composite end Date		Time		Bottle Group(s) (See pg 2)	
BIG POTTSBURG CR ATL BLVD				Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen 8.57		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				B 75	
Temp (C) 19.11		pH 7.61		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm)		4349					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 2.33											
WIN /Field ID: 20030816				☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 950		☒ Eastern ☐ Central		Composite end Date		Time		Bottle Group(s)	
BIG POTTSBURG @ 2000M S ATLANTIC BLVD				Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen 7.35		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				B 75	
Temp (C) 19.8		pH 7.41		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm)		19.8					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.75											
WIN ID 20030072				☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1030		☒ Eastern ☐ Central		Composite end Date		Time		Bottle Group(s)	
BIG POTTSBURG CR ATL BLVD				Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				B 75	
Temp (C)		pH		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm)							
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)											
Location				☐ Comp ☐ Grab		Collection (comp begin or grab) Date		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)											
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time					

Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI						
	W-E8321-MS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP						
	W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 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 <i>ESTR Roubertown Sch Bact</i>		Project Number <i>KA-2018-04-09-53</i>		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																					
Project Manager <i>J. P. Davis</i>		Email Address <i>REP-Over.Florida@ALS.com</i>																							
Company/Address <i>8800 Brynwood Way W Suite 100 Jax, FL 32256</i>				PRESERVATIVE																					
Phone # <i>904-256-1541</i>		FAX #		NUMBER OF CONTAINERS <i>Entero</i>																					
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name <i>Travis Davis</i>																							
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE		TIME		MATRIX																	
<i>20030814</i>				<i>9/17/18</i>		<i>1205</i>		<i>SW</i>																	
<i>20030679</i>						<i>1145</i>																			
<i>G-2NE1152</i>						<i>1125</i>																			
<i>20030073</i>						<i>1100</i>																			
<i>20030072 Dup</i>						<i>1030</i>																			
<i>20030072</i>						<i>1015</i>																			
<i>20030816</i>						<i>950</i>																			
SPECIAL INSTRUCTIONS/COMMENTS																									
TURNAROUND REQUIREMENTS (RUSH (SURCHARGES APPLY))																									
REPORT REQUIREMENTS																									
INVOICE INFORMATION																									

SAMPLE RECEIPT: CONDITION/COOLER TEMP: <i>4/2</i>		CUSTODY SEALS: Y N		RECEIVED BY		RELINQUISHED BY	
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>	
Printed Name <i>Travis Davis</i>		Printed Name <i>Travis Davis</i>		Printed Name <i>Travis Davis</i>		Printed Name <i>Travis Davis</i>	
Firm <i>ALS</i>		Firm <i>ALS</i>		Firm <i>ALS</i>		Firm <i>ALS</i>	
Date/Time <i>9/17/18 1420</i>		Date/Time <i>9/17/18 1420</i>		Date/Time <i>9/17/18 1420</i>		Date/Time <i>9/17/18 1420</i>	

Cooler Packing Worksheet for Request: RQ-2018-04-09-53

LSjR Downtownsalt Boat
Ship Cooler On: 3/30/2018
Customer/Project: NE-DIST/SMP

Assigned To: GREENWOO_J
Requester: Jeremy M. Parrish
Priority: 3

904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Comments:

No preservatives needed.

Group A: Marine Kit With Metals

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 05070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1199138

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 4 Preservation: ICE

Lot # 6402

Description:

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Overflow Laboratory for NED

Container ID: P-500ML

Qty: 4 Preservation: HNO3

Lot # 0070631

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 0070631

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 0068095

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 0070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1199138

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 3 Preservation: ICE

Lot # 61402

Description:

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Overflow Laboratory for NED

Container ID: QPCR-P-250ML

Qty: 6 Preservation: ICE

Lot # 00069140

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 3 Preservation: ICE

Lot # 00070528

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 3 Preservation: HNO3

Lot # 00070631

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00070631

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

Description

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 000609732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Q.S.

Number of Coolers: 4

Date: 3/29/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-09-53

Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
		W-E8321-DI				
		W-E8321-MS				
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
		W-ICP				
		W-ICPMS				
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
		W-NH3				
		W-NO2NO3				
		W-S-A-TP				
		W-TKN				
		W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
		W-PO4-F				