



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name:

Trout River at Garden St

Date: 2/20/2018

WIN/Field ID:

20030751

WBID:

2223

Latitude:

30.40684

County:

Duval

ORG ID:

21FLA

Longitude:

81.84210

Receiving Body of Water:

SJR

RQ-2018-

02-12-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
N. Frederick									
J. Parrish									

Sampling Equipment	
☐ Sample Container	☐ Van Dorn
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with: 14.52	
Equipment ID: OKTHD #44	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

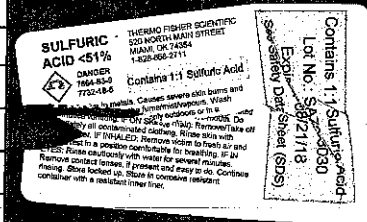
Water Level: Dry/ Pooled/ Low Normal / High / Flooded
Photos: Yes No Flow: No Flow / Intestinal Flowing NA
Meter ID# 17 Matrix: Fresh Marine / DI
Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low

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	0935	0.25	0.15	0.25	7.04	75.0	6.52	0.07	141	18.37
CEN				VOB						

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	SA7233030		☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO3	7261120		☒ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	R79A12511		
Chlorophyll	☐ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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:

Walked on 30m upstream of Bridge - Represent. Site

WIN /Field ID:



20030751

TROUT RIVER AT GARDEN ST

Signature:

Date:

2/20/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

2/22/18 (Initials/Date)

QC Station ID, Field Parameters in LIMS DMT:

1312 2/22/18 (Initials/Date)

Scan/Save Field Sheets

BP 2/22/18 (Initials/Date)

Migrate Data to WIN:

Verify Data in WIN:

(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 Contract Jerry Allen

Page 1 of 1

Client Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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LSJR Downtown Fresh_2018

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By: N. Frederick

Project ID: SMP

Collected By: N. Frederick / J. Parish

Sampling Agency: NE REC

Location	WIN / Field ID:	Collection (comp begin or grab)	Time	Eastern Composite end	Time	Bottle Group(s)
Field ID	20030752	Matrix (type, e.g., Salt, Fresh, etc)	2/20/18	0910	0910	(See pg 2)
WIN/STOR	TROUT RIVER AT RAMALLAH RD	Temp	17.48	pH	5.97	B
Latitude	30.39889	Salinity (ppt)	0.06	Comments		
Location	WIN / Field ID:	Collection (comp begin or grab)	Time	Eastern Composite end	Time	Bottle Group(s)
Field ID	20030751	Matrix (type, e.g., Salt, Fresh, etc)	2/20/18	0935	0935	
WIN/STOR	TROUT RIVER AT GARDEN ST	Temp	18.37	pH	6.52	B
Latitude	30.40084	Salinity (ppt)	0.07	Comments		
Location	WIN / Field ID:	Collection (comp begin or grab)	Time	Eastern Composite end	Time	Bottle Group(s)
Field ID	20030746	Matrix (type, e.g., Salt, Fresh, etc)	2/20/18	1010	1010	
WIN/STOR	BLOCKHOUSE CR @ DUVAL RD	Temp	19.10	pH	6.77	C
Latitude	30.4444	Salinity (ppt)	0.13	Comments		
Location	WIN / Field ID:	Collection (comp begin or grab)	Time	Eastern Composite end	Time	Bottle Group(s)
Field ID	G2NE1159	Matrix (type, e.g., Salt, Fresh, etc)	2/20/17	1020	1020	
WIN/STOR	BLOCK HOUSE 100m abv Irma rd.	Temp	19.55	pH	6.69	A
Latitude	30.4404	Salinity (ppt)	0.13	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
N. Frederick	2/20/18 @ 11:00	FEDEX	3		

Request Number: RQ-2018-02-12-18

LSJR Downtown Fresh_2018

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Page 1 of 1

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: N. Frederick

Field Report Prepared By: N. Frederick

Sampling Agency: N. Frederick

Location	WIN / Field ID:	Collection (comp, begin or grab)	Date	Time	Eastern	Central	Composite end	Time	Bottle Group(s)
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	11:15	☒ Eastern	☐ Central	☐ Composite end		
Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	22.83								
pH	7.52								
Sample Depth	0.15 m								
Diss. Oxygen	7.25 mg/L								
% sat									
Total Res. Chlorine	538								
Sp. Conductance									
Latitude	30.34158								
Longitude	81.66211								
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	11:35	☒ Eastern	☐ Central	☐ Composite end		
Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	20.87								
pH	7.37								
Sample Depth	0.30 m								
Diss. Oxygen	6.73 mg/L								
% sat									
Total Res. Chlorine	5708								
Sp. Conductance									
Latitude	30.33300								
Longitude	81.64444								
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	12:20	☒ Eastern	☐ Central	☐ Composite end		
Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
% sat									
Total Res. Chlorine	5281								
Sp. Conductance									
Latitude	30.3413								
Longitude	81.6297								
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	12:20	☒ Eastern	☐ Central	☐ Composite end		
Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
% sat									
Total Res. Chlorine	5281								
Sp. Conductance									
Latitude	30.3413								
Longitude	81.6297								
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	12:20	☒ Eastern	☐ Central	☐ Composite end		
Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
% sat									
Total Res. Chlorine	5281								
Sp. Conductance									
Latitude	30.3413								
Longitude	81.6297								
Field ID	WINSTORE	☒ Comp ☐ Grab	2/20/18	12:20	☒ Eastern	☐ Central	☐ Composite end		
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Temp (C)	20.31								
pH	7.00								
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pH	7.00								
Sample Depth	0.15 m								
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Total Res. Chlorine	5281								
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Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
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Diss. Oxygen	4.85 mg/L								
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Total Res. Chlorine	5281								
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Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
% sat									
Total Res. Chlorine	5281								
Sp. Conductance									
Latitude	30.3413								
Longitude	81.6297								
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Matrix (type, e.g., Salt, Fresh, etc)									
Temp (C)	20.31								
pH	7.00								
Sample Depth	0.15 m								
Diss. Oxygen	4.85 mg/L								
% sat									
Total Res. Chlorine	5281								

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	NE-ALS-ECQ					
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	PCR-FILTER					
Group: A	Bottle Type:	BG-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					

Group: B	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: CHLSUTE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-IJCP W-ICPMS	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: W-AHERB-AA W-SUC-AA-R	BG-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3

1425

1425

Cooler Packing Worksheet for Request: RQ-2018-02-12-18

LSJR Downtown Fresh_2018

Ship Cooler On: 2/2/2018

Customer/Project: NE-DIST/SMP

Assigned To: SHAIK_A

Requester: Nicole Frederick

Priority: 3

904-807-3300
8800 Baymeadows Way W
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals; E.coli/Tracers/ PCR-Filter

Group B: Freshwater Kit With Metals; E.coli

Group C: E.coli/Tracers/ PCR-Filter

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3

Preservation: ICE

Lot # 55569741

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3

Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 3 Preservation: ICE

Lot # L15269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: QPCR-P-250ML

Qty: 6 Preservation: ICE

Lot # 00068579

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-1L

Qty: 3 Preservation: ICE

Lot # 00069911

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00069255

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: 3 Preservation: FILTER-ICE

Lot # 00069732

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: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 0006974

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: ICE

Lot # 415269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Collert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # 00068679

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-1L

Qty: 2 Preservation: ICE

Lot # 00069911

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00069255

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: 2 Preservation: ICE And H2SO4

Lot # 00069255

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: 2 Preservation: FILTER-ICE

Lot # 0006932

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: C

of Sites: 3

Container ID: P-250ML-WI-THI

Qty: 3 Preservation: ICE

Lot # L15269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: QPCR-P-250ML

Qty: 6 Preservation: ICE

Lot # 00068679

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-1L

Qty: 3 Preservation: ICE

Lot # 5006994

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Cooler Packed By: ARS Number of Coolers: 3 Date: 1-29-18

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-2018-02-12-18