FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN /Field ID: G2NE1145

Date: 7 / 31 / 2018 (mm/dd/yyyy)

Greenfield cr.at Hodges rd.

WBID: 2240B Latitude: 30.32047 (Decimal Degrees)

County: Duval ORG ID: 21FLA Longitude: -81.45.38 (Decimal Degrees)

Receiving Body of Water: Chicopit Bay RQ-2018- 07-2317

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

Sampling Equipment

- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with: YSI #3
- Equipment ID: Dip #44

Collection Method

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

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

Meter ID# YSI #3

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		0.1	0.05	0.15	4.4	54.0	6.8	0.18	385	25.8
CEN	1040									

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 [ ] H_2SO_4	808770	3/26/19	[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	R7IA1252		
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	[ ] 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			
	[X] W-E8321-MS- [X] W-E8-321-DI	[X] ICE			

Place Preservative Sticker(s) Here (If Available)

Notes:

WIN /Field ID: G2NE1145

Greenfield cr.at Hodges rd.

Signature: A Kalmbacher Date: 7-31-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: AK 8/3/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 8/6/18 (Initials/Date)

Scan/Save Field Sheets BD 8/6/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: (EST) CEN **Sample Depth (m):** _____

Time: _____ **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	☐ 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			

Place Preservative Sticker(s) Here (If Available)

Blank

Time Zone: (EST) CEN **Time:** 1050 **Field ID:** BLANK 07312018

DI Source: NE ROC LAB **Location:** _____

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** ORTHO # 44

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	SA8085170	03-26-19	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO_3	726120	09-18-18	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7KA1251		
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	☐ Other			

Contains: 1:1 H_2SO_4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

FISHER SCIENTIFIC 300 NORTH MAIN STREET MIAMI, OK 74354 1-888-566-7777

SULFURIC ACID <51%

Contains: 1:1 H_2SO_4

DANGER 7664-93-9 7732-18-5

May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe mist/vapours/spray. Wash contaminated area. Wear protective clothing, gloves, eye and face protection. Wash contam. Clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON skin (or clothing): Remove/take off immediately. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several mins. Do. Continue rinsing. Store locked up. Dispose of contents/container to an approved waste disposal plant. If present remove contact lenses, if present continue rinsing. Store locked up. Keep container with a resistant inner liner.

Notes: NEW FENCE AROUND SITE CURRENTLY UNLOCKED

Field ID:

BLANK 07312018

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)

Request Number: RQ-2018-07-23-17

LSJR East 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Collected By: A. Kalmbacher, P. O'Connor

Sampling Agency: DEAR NEB ROC

WIN /Field ID: 20030866

PUNCHEON BR @ DEERWOOD PK BLVD

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-31-18 Time 0915 Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.37 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.7 | pH 6.74 | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) 211

Salinity (ppt) 0.10 | Comments DO% 54

WIN /Field ID: G2NE1145

Greenfield cr.at Hodges rd.

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-31-18 Time ~~1040~~ 1040 Eastern / Central | Composite end Date Time | Bottle Group(s): A B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.4 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.8 | pH 6.8 | Sample Depth 0.05 ☐ ft ☒ m | Sp. Conductance (umho/cm)

Salinity (ppt) 0.18 | Comments DO% 54.0

WIN /Field ID: 20030657

GREENFIELD CREEK AT ATLANTIC BLVD.

Latitude ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-31-18 Time 1020 Eastern / Central | Composite end Date Time | Bottle Group(s): B A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.26 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.8 | pH 6.82 | Sample Depth 0.1 ☐ ft ☐ m | Sp. Conductance (umho/cm) 359

Salinity (ppt) 0.17 | Comments DO% 53

WIN /Field ID: 20030579

STRAWBERRY CR AT END OF BOWLAN RD.

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-31-18 Time 1125 Eastern / Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 6.8 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.5 | pH 6.95 | Sample Depth ~~0.1~~ +0.0 ☐ ft ☒ m | Sp. Conductance (umho/cm) 330

Salinity (ppt) 0.16 | Comments DO% 71

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P O'Connor	07-31-18 1415	Fed Ex	2 (total)		

Group: A	Bottle Type: ALKALINITY, TURBIDITY, W-CL-IC, W-COLOR, W-F, W-SO4-IC, W-TDS, W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: A	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2 to ALS JAX
Group: A	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: A	Bottle Type: W-E8321-DI, W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: A	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: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-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 to ALS JAX
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: B	Bottle Type: W-E8321-DI	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2

Group: B	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-E8321-MS						
Group: C	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	NE-ALS-ECQ						→ Sent to Contract Lab
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F						
Group: D	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: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP						
	W-ICPMS						
Group: D	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: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

3/5 ~~3/4~~

Page ~~1 of 4~~

Request Number: RQ-2018-07-23-17

LSJR East 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Collected By: A. Kalmbacher, P. O'Connor

Sampling Agency: DEAR NED ROC

WIN /Field ID: 20030872

NEWCASTLE CR @ FT CAROLINE HILLS RD

Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07-31-18 Time 1210	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) A
		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh	Diss. Oxygen 5.75	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C) 24.7	pH 5.75	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 248		
		Salinity (ppt) 0.12	Comments DO% 69.2				

WIN /Field ID: 20030805

NEWCASTLE CR @ MILLCREST DR

Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07-31-18 Time 1235	Eastern Central	Composite end Date	Time	Bottle Group(s) B
		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh	Diss. Oxygen 5.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C) 24.5	pH 6.52	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 264		
		Salinity (ppt) 0.12	Comments DO% 60				

Field ID: BLANK 07312018

Field Blank
Location: NE ROC DI

Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07-31-18 Time ~~1050~~	Eastern Central	Composite end Date	Time	Bottle Group(s) D
		Matrix (type, e.g., Salt, Fresh, etc) DEIONIZED WATER	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)		
		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
P. O'Connor	07-31-18 1415	FedEx	2 (total)		

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 1 OF 1

SR#

CAS Contract

Project Name: LSJK EAST	Project Number:
Project Manager: Jeremy Parrish	Email Address:
Company/Address: DEAR NED ROC 8800 BAYMEADOWS WAY W. Jax FL 32256	
Phone #: 904 256 1700	FAX #:
Sampler's Signature: Patrick O'Connor	Sampler's Printed Name: Patrick O'Connor

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

PRESERVATIVE: 8

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	E. Coli
20030866		07-31-18	0915	SW	1	↓
G2ME1145		↓	1020	↓	1	↓
20030657			1040		1	
20030519			1125		1	
20030872			1210		1	
20030805			1235		1	

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

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL I NSTRUCTIONS/COMMENTS

See QAPP ☐

0.9°C

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:

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Patrick O'Connor	Signature: Cheyanne Reben	Signature	Signature	Signature	Signature
Printed Name: DEARNEDROC	Printed Name: Cheyanne Reben	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 07-31-18 1255	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time	Date/Time: 7/31/18 1255	Date/Time	Date/Time	Date/Time	Date/Time

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