FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Elder Springs Run @ US of Myrtle st **Date:** 04/04/2018 (mm/dd/yyyy)

WIN/ Field ID: G2CE0120 **WBID:** 2984 **Latitude:** 28.73495 (Decimal Degrees)

County: Seminole **ORG ID:** 21FLCEN **Longitude:** -81.26709 (Decimal Degrees)

Receiving Body of Water: **RQ-2018-** 04-02-51

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike Linger	✓		✓		
Mike Drennen		✓		✓	

Sampling Equipment
- ☑ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☐ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with Secchi Disk Line
- Equipment ID Lead Hook

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

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** Boat Main **Matrix:** (Fresh) / Marine / DI

Photos: (Yes) / No **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack (NA) **Tide Times:** High Low

B

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. (C⁰)
(EST)	1125	0.2	0.1	0.2(6)	6.38	72.1	7.37	0.27	558	21.34
CEN										

6

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 ☐ 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			
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			

Place Preservative Sticker(s) Here (If Available)

Notes:

WIN ID / Field ID →

Elder Springs Run @ US of Myrtle St (2984)

G2CE0120

Signature: Mike Linger **Date:** 4/4/18

Enter Field Parameters, Verify Station ID In LIMS DMT: KMW 4/10/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: JL 4/11/18 (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

Request Number: RQ-2018-04-02-51

Six / Soldier / LW(w) / Gee / Howell

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Mike Liegar / Mike Drennan

Field Report Prepared By: Mike Liegar

Sampling Agency: FDEP CE-Roc

Location

WIN ID / Field ID →

Howell Creek @ 150m US of Lake Howell (2997A)

G2CE0072

Field ID

WIN/ST

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 942 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): D

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 2.81 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.11 | pH 6.62 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 258

Salinity (ppt) | Comments ☆

Location

WIN ID / Field ID →

Howell Creek @ US of Lake Howell Ln (2997A)

G2CE0138

Field ID

WIN/ST

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 922 Eastern Central | Composite end Date Time | Bottle Group(s): D

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 2.33 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.58 | pH 6.65 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 258

Salinity (ppt) | Comments ☆

Location

WIN ID / Field ID →

Gee Creek @ SR Hwy 419 (2994A)

G2CE0075

Field ID

WIN/ST

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1011 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.16 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 21.65 | pH 7.28 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 321

Salinity (ppt) | Comments ☆

Location

WIN ID / Field ID →

Gee Creek @ Alton Rd (2994A)

G2CE0161

Field ID

WIN/ST

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1029 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.14 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 22.17 | pH 7.16 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 277

Salinity (ppt) | Comments ☆

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MKL	4/4/18 1600	FedEx	2	APJ	4-5-18 1050

☆ CD-FLR-ECQ sent to contract lab

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	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	0
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 sent to contract lab
	CD-FLR-ECQ						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI W-E8321-MS						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 sent to contract lab
	CD-FLR-ECQ						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						

Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-HF183						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: D	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 sent to contract lab
	CD-FLR-ECQ						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER PCR-GULL2						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: E	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CD-FLR-ECQ						

Request Number: RQ-2018-04-02-51

Six / Soldier / LW(w) / Gee / Howell

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Mike Linger / Lawrence Drennan

Field Report Prepared By: Mike Linger

Sampling Agency: FDEP CE-ROC

Location

WIN ID / Field ID →

Soldier Creek @ just downstream of SR Hwy 419 (2986)

G2CE0162

Field ID

WIN/STO

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1047 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 6.99 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 22.14 | pH 7.55 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 298

Salinity (ppt): | Comments: ★

Location

WIN ID / Field ID →

Soldier Creek @ 150m Upstream of SR Hwy 419 (2986)

G2CE0071

Field ID

WIN/ST(

Latitude ☐dd ☐dms ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1100 Eastern Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 6.76 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 22.42 | pH 7.56 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 309

Salinity (ppt): | Comments: ★

Location

WIN ID / Field ID →

Six Mile @ 400m US of Lake Jessup (2984)

G2CE0074

Field I

WIN/S

Latitu

☐dd ☐dms ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1118 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 5.52 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.86 | pH 7.32 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 698

Salinity (ppt): | Comments: ★

Location

WIN ID / Field ID →

Elder Springs Run @ US of Myrtle St (2984)

G2CE0120

Field ID

WIN/STC

Latitude ☐dd ☐dms ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 4/4/18 Time 1125 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 6.38 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 21.34 | pH 7.37 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 558

Salinity (ppt): | Comments: ★

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MKL	4/4/18 1600	FedEx	2	ASP	4-5-18/1000

★ CD-FLR-ECQ sent to contract lab

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	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	0
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 sent to contract lab
	CD-FLR-ECQ						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI W-E8321-MS						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 sent to contract lab
	CD-FLR-ECQ						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						

Group: C	Bottle Type: QPCR-P-250ML PCR-HF183		# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS		# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ		# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 sent to contract lab
Group: D	Bottle Type: QPCR-P-250ML PCR-FILTER PCR-GULL2		# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: D	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS		# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ		# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0