

12-02-57
RQ-2019-11-11-22

Field Personnel processing steps

☐ New Field IDs created (when using a new station) Date: _____ initials: _____ ☒ NA

☐ Create entry in SMPStationCreationFile if new station is used

\\Fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 12/2/19 initials: LM

☒ Update "SMP Tracker" Date: 12/2/19 initials: LM

☐ Photos put into archive Date: _____ initials: _____ ☒ NA

☒ Copy of Calibration Log for YSI used

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned and saved into:

Scans_ToBeProcessed Date: 12/4/19 initials: LM

Scan order; Cover Sheet, Calibration Log, Field Sheets, Tallahassee Submittal Sheets, Overflow Lab COC

☒ Update "Data Tracker"

\\publicfiles\pubfds\DEAR\WQAPmonitoring\StrategicMonitoring\2019\21FLPNS

Ready for folder system (top)

LIMS processing (to be completed by LIMS data personnel) (MC)

☐ Field parameters entered into LIMS Date: _____ initials: _____

☐ Digital RQ packet put into

SMP 2019/Data/Scanned Field Sheets Date: _____ initials: _____

☐ Digital field Sheets put into archive Date: _____ initials: _____

☐ Date submitted for QA/QC Date: _____ initials: _____

☐ Update "Data Tracker"

Database processing (Cheryl)

☐ Field parameters QA/QC in LIMS Date: _____ initials: _____

☐ Lab results put into archive (CB) Date: _____ initials: _____

☐ Data migrated to WINS Date: _____ initials: _____

☐ Update "Data Tracker"

Notes:

Shipment arrived 1 day late
Qualified

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 154179

RQ: 2019-12-02-57

Project: SMP

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 10/17/19

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.											P / F	L / F
ICV											P / F	L / F
CCV	H Schmuck	12/2/19	0651	22.2	767.5	8.8	8.72	99.2			P / F	L / F
CCV	H Schmuck	12/2/19	1217	15.8	766.9	10.0	10.09	100.9			P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro.DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	H Schmuck	12/2/19	0654	190116A	1/20	1000	1000	P / F	L / F
ICV	H Schmuck	12/2/19	0656	180157A	1/20	100	99.8	P / F	L / F
CCV	H Schmuck	12/2/19	1222	180157A	1/20	100	102.6	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	H Schmuck	12/2/19	0659	190405E	10/20	7.01	22.4	7.01	-81.0	P / F	L / F
Calibr.	H Schmuck	12/2/19	0702	490232S	2/21	4.01	22.9	4.01	87.8	P / F	L / F
Calibr.	H Schmuck	12/2/19	0704	4904009	9/20	10.03	22.7	10.03	-239.5	P / F	L / F
ICV	H Schmuck	12/2/19	0707	490232S	2/21	4.01	22.1	3.95	88.9	P / F	L / F
CCV	H Schmuck	12/2/19	1223	490232S	2/21	4.0	21.1	3.95	89.2	P / F	L / F
CCV	H Schmuck	12/2/19	1225	190405E	10/20	7.0	20.0	6.98	-73.0	P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 158.5, slope from 4 to 7 168.8 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 10/17/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: 10/17/19

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	H Schmuck	12/2/19	0709	0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Carpenter Creek upstream of 9th Avenue

Date: 12/02/2019
(mm/dd/yyyy)

WIN/Field ID: G4NW0415

WBID: 676

Latitude: 30.47142

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.21400

Receiving Body of Water: Bayou Texar

RQ-2019- 12-02-57

Sampling Team Members

H. Schumaker
N. Mulkey

WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
X	X	X	X	X

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☐ Syringe
☐ Dipper ☐ Other

Depth Measured with Pro DSS
Equipment ID 154179

Collection Method

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

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

Meter ID# 154179

Matrix: Fresh (X) Marine / DI

Photos: Yes / (No)

Flow: No Flow / Intestinal / (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	924	0.192	0.05	0.192	8.04	85.0	5.41	0.04	93.2	18.3
CEN				VDS						

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			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MIFW-OLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☒ PCR-BacR ☐ PCR-GULL2 ☒ PCR-HF183 ☒ PCR-DG3 ☐ PCR-GFD	☒ Ice			
Tracers	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKO-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

Ref: A Date: 26Aug19
Dep: Wgt: 8.00 LBS
DV: 0.00

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Field/WIN ID

G4NW0415

Location:
Carpenter Creek upstream of 9th Avenue

Signature: Heath Schumaker

Date: 12/02/2019

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT:

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**

Request Number: RQ-2019-07-00026

Crestview/Laurel Hill

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By:

Field Report Prepared By:

Sampling Agency:

Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field/WIN ID		☒ Grab		Date		Time		Date		(See pg 2)	
F		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		mg/L % sat			
V		Temp (C)		pH		Sample Depth		ft m			
L		Salinity (ppt)		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		mg/L % sat			
Latitude		Temp (C)		pH		Sample Depth		ft m			
Longitude		Salinity (ppt)		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		mg/L % sat			
Latitude		Temp (C)		pH		Sample Depth		ft m			
Longitude		Salinity (ppt)		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		mg/L % sat			
Latitude		Temp (C)		pH		Sample Depth		ft m			
Longitude		Salinity (ppt)		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		mg/L % sat			
Latitude		Temp (C)		pH		Sample Depth		ft m			
Longitude		Salinity (ppt)		Comments							

Relinquished By: H. Salmela	Date/Time 17/07/2016: 1600	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By:	Date/Time
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