

RQ-2019-05-27-14

Data Management (to be completed by field personnel)

- ☒ Date sampled Date: 5/29/19 initials: MM
- ☐ Entered into MAT Date: _____ initials: _____
- ☒ In SMP Tracker Date: 5/30/19 initials: MM
- ☒ RQ Sheet – from LIMS (display/print request)

Ready for folder system (top)

LIMS processing (to be completed by field/office personnel)

- ☒ Field Sheets scanned into local folder and
initialed/dated on Field Sheets Date: 5/30/19 initials: MM
- ☐ New Field IDs created (when appropriate) Date: _____ initials: _____ ☒ NA
- ☐ Field parameters entered into LIMS Date: _____ initials: _____
- ☐ Date submitted for QA/QC Date: _____ initials: _____
- ☐ Create entry in SMP Station Creation File if new station is used

Digital Archiving

- ☐ Digital field Sheets put into archive Date: _____ initials: _____
- ☒ Photos put into archive Date: 5/30/19 initials: MM ☐ NA
- ☐ Lab results put into archive (CB/WB) Date: _____ initials: _____

WINS processing (Cheryl/Whitney)

- ☐ Field parameters QA/QC in LIMS Date: _____ initials: _____
- ☐ Data migrated to WINS Date: _____ initials: _____
- ☐ Update "Data Tracker" in SMP Tracker

Notes:

Date of Request: 17-APR-2019
 Created By: KING_M On: 17-APR-2019
 Modified By: JASROTIA_P On: 10-MAY-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Western Lakes

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-MAY-2019
 Biology Request Reviewed By: JASROTIA_P On: 10-MAY-2019
 Sampling Kit Required: YES Ship on: 17-MAY-2019
 Sampling Kit Shipped: YES On: 15-MAY-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 27-MAY-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: (WBID 124AF 25A 145) Nutrients

2 - cases sulfuric acid/4 sets of labels

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lake Stone Center

Date: 5/29/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0426

WBID: 25A

Latitude: 30.96517

(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.290567

(Decimal Degrees)

Receiving Body of Water: Wiggins Branch

RQ-2019- 05-27-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Paul					X	X			
M. Mulkey						X	X	X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		

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 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 (µmhos/cm)	Temp. (C°)
EST	0920	3.3	0.3	0.7	9.48	127.7	9.07	0.01	30.3	31.0
CEN			2.8		40.24	3.1	6.20	0.01	34.0	25.3

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	8197090	7/16/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	11A18633		
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / 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-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-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: Launch canoe at end of Lakeshore Dr at lift station
30.62799/-87.05545

Field/WIN ID →

Location:



G4NW0426



LAKE STONE CENTER

Signature: [Signature]

Date: 5/29/19

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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lake Karick (Center) (also 33040210)

Date: 5/29/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0274

WBID: 145

Latitude: 30.89633

(Decimal Degrees)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.64424

(Decimal Degrees)

Receiving Body of Water: Deadfall Creek

RQ-2019-05-27-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>J. P. Hulkey</u>					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		
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 / 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 (µmhos/cm)	Temp. (C°)
EST	1105	4.3	0.3	1.4	7.37	98.5	6.51	0.01	21.7	30.8
CEN			3.8		0.32	3.2	5.75	0.02	42.1	18.7

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	<u>8197090</u>	<u>7/16/19</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>1181633</u>		
Chlorophyll	☒ CHLSUTE-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-BR-IC / 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-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-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Nr
Ref: Date: 15May19
Dep: Wgt: 10.00 LBS
DV: 0.00
SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00
SVCS: PRIORITY OVERNIGHT
TRCK: 4751 8779 7885

Field/WIN ID →



G4NW0274

Location:

Lake Karick (Center) (also 33040210)

Signature: [Signature]

Date: 5/29/19

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
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Locklin Lake Center

Date: 05/29/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0437

WBID: 24AF

Latitude: 30.62786

(Decimal Degrees)

County: Santa Rosa

ORG ID: 21FLPNS

Longitude: -87.04862811

(Decimal Degrees)

Receiving Body of Water: Blackwater River

RQ-2019- 05-27-14

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Sampling Equipment										
☒ Sample Container						☐ Van Dorn				
☐ Carboy						☒ Syringe				
☐ Dipper						☐ Other				
Depth Measured with										
Equipment ID										
Collection Method										
☐ Wading						☒ Canoe/Kayak				
☐ From Shore						☒ Electric Motor				
☐ Other						☐ Gasoline Motor				
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# 15413			Matrix: Fresh 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 (µmhos/cm)	Temp. (C°)
EST					8.43	109.8	6.24	0.02	47.0	29.2
CEN	1230	1.6	0.2	VOB	8.66	106.8	6.20	0.02	50.2	26.2
			1.1							
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
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4		8197090		7/16/19
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				
Filtered Nutrients		☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter				☐ Ice		110918633		
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		☐ MI-FW-QLDC				☐ Formalin				
Periphyton		☐ ALGAE-ID				☐ Ice				
Microbiology		☐ E Coli ☐ F Coli ☐ Enterococci				☐ Ice				
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2				☐ Ice				
		☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD								
Tracers		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice				
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI				☐ Ice				
		☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA								
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C								

Notes: Launch canoe at end of Lakeshore Dr at lift station
30.62799/-87.05545

Field/WIN ID →



G4NW0437

Location:



LOCKLIN LAKE CENTER

Signature: [Signature]

Date: 5/29/19

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)