

Request Number: RQ-2017-02-20-27

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

Page 1 of 3

SMP

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Field Report Prepared By: Robert Wiwi

Sampling Agency: FDEP

Collected By: Curtis Musson, Robert Wiwi

Field ID → Aj Henry Park Pond Middle Feb 22, 2017 STORET ↓ Aj Henry Park Pond Middle G1WA0058	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 8:15 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 19.5 pH 9.5 Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 60 Salinity (ppt) 0.03 Comments Latitude (Decimal Degrees) 30.508 Longitude (Decimal Degrees) -84.216	Collection (comp begin or grab) Date Time Bottle Group(s) A
Field ID → Lake Arrowhead at boat dock at Turtle Crk Ln near outlet Feb 22, 2017 STORET ↓ Lake Arrowhead at boat dock at Turtle Crk Ln near outlet G1WA0004	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 8:55 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 19.2 pH 7.8 Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 61 Salinity (ppt) 0.03 Comments Latitude (Decimal Degrees) 30.568517 Longitude (Decimal Degrees) -84.218058	Collection (comp begin or grab) Date Time Bottle Group(s) A
Field ID → Tallavanna Lake Middle FEB 22, 2017 STORET ↓ Tallavanna Lake Middle G1WA0045	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 9:50 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 19.1 pH 8.0 Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 178 Salinity (ppt) 0.08 Comments Latitude (Decimal Degrees) 30.59862 Longitude (Decimal Degrees) -84.46593	Collection (comp begin or grab) Date Time Bottle Group(s) A, B

Relinquished By: Robert Wiwi

Date/Time 2/22/17 13:30

Number of Coolers 3

Received By: ARB

Date/Time 2-22-17 13:30

Request Number: RQ-2017-02-20-27

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Central Lab Sample Submittal Form

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SMP

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Field Report Prepared By: Robert Wini

Sampling Agency: FDEP

Collected By: Curtis Mussen, Robert Wini

Location: Field ID → Swamp Creek upstream of Railroad File: FEB 22, 2017 G1WA0052-02222017 STORET ↓ Swamp Creek upstream of Railroad G1WA0052	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 10:35 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 17.0 pH 7.0 Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 61 Salinity (ppt) 0.03 Comments Latitude (Decimal Degrees) 30.663 Longitude (Decimal Degrees) -84.448	Collection (comp begin or grab) Date Time Bottle Group(s) A,B,C
Location: Field ID → Salem Branch downstream of SR 159 File: FEB 22, 2017 G1WA0053-02222017 STORET ↓ Salem Branch downstream of SR 159 G1WA0053	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 11:05 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 18.9 pH 7.6 Sample Depts (m) 0.15 Sp. Conductance (umho/cm) 165 Salinity (ppt) 0.08 Comments Latitude (Decimal Degrees) 30.36 Longitude (Decimal Degrees) -84.432	Collection (comp begin or grab) Date Time Bottle Group(s) B,C
Location: Field ID → Harbinwood Estates Drain File: FEB 22, 2017 G1WA0034-02222017 STORET ↓ Harbinwood Estates Drain G1WA0034	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 11:40 Eastern Central Matrix (Salt, Fresh) Fresh Diss. Oxygen (mg/L) — Temp (C) 18.8 pH 7.3 Sample Depts (m) 0.05 Sp. Conductance (umho/cm) 105 Salinity (ppt) 0.05 Comments Latitude (Decimal Degrees) 30.5193 Longitude (Decimal Degrees) -84.3357	Collection (comp begin or grab) Date Time Bottle Group(s) B,C

Relinquished By:

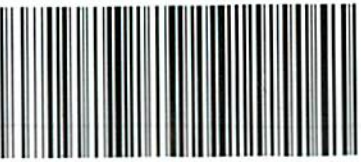
Date/Time

Number of Coolers

Received By: MB

Date/Time

2-22-17 13:30

Request Number: RQ-2017-02-20-27		FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION Central Lab Sample Submittal Form				Page 3 of 3	
SMP		Requester: Benjamin Ralys		Field Report Prepared By: Robert Wini			
Customer: WQAP				Sampling Agency: FDEP			
Project ID: SMP		Collected By: Curtis Musson, Robert Wini					
Location Field ID →  Megginis Arm Run Downstream of Sharer FEB 22, 2017 STORET ↓  G1WA0033		☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 12:05 Eastern Central		Collection (comp begin or grab) Date _____ Time _____		Bottle Group(s) A, B	
		Matrix (Salt, Fresh) Fresh		Diss. Oxygen (mg/L) _____			
		Temp (C) 18.9		pH 7.5		Sample Depts (m) 0.2	
		Salinity (ppt) 0.05		Comments		Sp. Conductance (umho/cm) 98 0.05	
		Latitude (Decimal Degrees) 30.4804		Longitude (Decimal Degrees) -84.2982			
Location Field ID →  Godby Drainage Ditch at Progress Dr Feb 22, 2017 STORET ↓  G1WA0061		☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/22/17 Time 12:45 Eastern Central		Collection (comp begin or grab) Date _____ Time _____		Bottle Group(s) A, B, C	
		Matrix (Salt, Fresh) Fresh		Diss. Oxygen (mg/L) _____			
		Temp (C) 18.8		pH 7.3		Sample Depts (m) 0.3	
		Salinity (ppt) 0.01		Comments		Sp. Conductance (umho/cm) 34	
		Latitude (Decimal Degrees) 30.444661		Longitude (Decimal Degrees) -84.344711			
Location Field ID STORET #		☐ Comp ☐ Grab Collection (comp begin or grab) Date _____ Time _____ Eastern Central		Collection (comp begin or grab) Date _____ Time _____		Bottle Group(s)	
		Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)			
		Temp (C)		pH		Sample Depts (m)	
		Salinity (ppt)		Comments		Sp. Conductance (umho/cm)	
		Latitude (Decimal Degrees)		Longitude (Decimal Degrees)			

Relinquished By:	Date/Time	Number of Coolers	Received By: 	Date/Time 2-22-17 / 1:30
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Date of Request: 27-JAN-2017
 Created By: MUSSON_C On: 27-JAN-2017
 Modified By: SWANSON_C On: 02-FEB-2017
 Customer: WQ-ASSESS
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Tallahassee, Quincy

Send Coolers To:

Phone: 850-245-8453
 Division Of Water Facilities, FL DEP
 2600 Blair Stone Rd.
 Tallahassee, FL 32399-2400
 Attn: Curtis Musson

Send Final Report To:

Division Of Water Facilities, FL DEP
 2600 Blair Stone Rd.
 Tallahassee, FL 32399-2400
 Attn: Curtis Musson

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 31-JAN-2017
 Biology Request Reviewed By: SWANSON_C On: 02-FEB-2017
 Sampling Kit Required: YES Ship on: 21-FEB-2017
 Sampling Kit Shipped: YES On: 17-FEB-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 22-FEB-2017
 Received By:

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

Comments: Group A: Freshwater Kit, No Metals
 Group B: E. coli
 Group C: Tracers, PCR-Filter

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
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)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 6	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
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 6	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 6 Samples:

Bottle Type:	Number of Bottles: 6	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group C (Water) With 4 Samples:

Bottle Group C (Water) With 4 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 8	Preserved With: ICE
PCR-FILTER	Template:	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

RQ- 2017-0220-27
HD

Log-in Checklist

Shipping Method: _____

Date/Time of Receipt: 2-22-17/1:30

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	2.1	13		✓			
Blue	2.6	16		✓			
Red	0.8	13		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ✓ No _____ If yes, is it intact? Yes ✓ No _____

**Caps on tight? Yes ✓ No _____ **Containers intact? Yes ✓ No _____

**Sufficient Sample Volume: Yes ✓ No _____

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No _____ NA _____ Init: SK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No ✓ NA ✓ Init: SK

Coolers Unpacked/Checked by: SK Date: 2-22-17

NCRs (Y/N)? N

Event ID: WQAP. 2017-02-22-01

NCR # _____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes ☐ No ☒

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes ☐ No ☐

If no, were samples shipped on dry ice? Yes ☐ No ☐

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes ☐ No ☐

Date and time samples preserved: _____

Additional Comments: