

Login Checklist

RQ- 2020-12-14-28

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/ 16 /20 @ 10:15

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
0.6				6		✓			121YR217849995 6752

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No _____

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ✓

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ✓ No _____ Init: KH

Chlorine detected? (One container checked per Field ID)

Yes _____ No ✓ Init: KH

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH< 2.0?

Yes _____ No _____ NA ✓ Init: KH

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA ✓ Init: KH

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: KH

Date: 12/ 16 /20 Event contains NCRs (Y/N)? N

Event ID:

NW Run

NW-DIST-2020-12-16-01 (SMP)

Date Received: 16-DEC-2020 10:15

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	Temp Gun #5 EXP:10/28/2021
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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 _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/15/2020
Customer: NW-DIST
RQ: RQ-2020-12-14-28
Collected By: Heather Schmuki, Frank Butera
Sampling Agency: FDEP
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 1

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Sevenmile Creek Upstream Of Alderbrook Blvd.	 G4NW0345

RELINQUISHED BY(SIGNATURE):

Heather Schmuki

DATE/TIME: 12/15/2020; 1500

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *W12*

Rec'd/Inspected Date: *12-16-20/1015*

CALIBRATION AND VERIFICATION LOG (Half-DO FT 1000-FT 1500, FS 1000-FT 4000)

Water No: 5577

NO: 2-14-78

Project: SADP

Only "V" for
Verification on
meter per the
tag.

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

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

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

Temperature (Quarterly) FT 1000

Date of last Temperature Verification: 10/13/20

DO	Name	Date	Time	Temp	Baro-	O.O.	Meter	N DO	Probe	Probe	Pass	Lab
DEP SOP			CT-ET	°C	meter	Chart	O.O.		Charge	Gain	1	Field
FT 1000					mmHg	mg/L	mg/L					
Calibr.	H. Schmidt	12/15/20	0723	20.0	764	9.1	9.16	100.3				
ICV				22.2	764	9.1	9.16	100.4				
CCV				14.4	761	9.2	9.38	101.1				
CCV												

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 DO 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A

Spec.	Name	Date	Time	Lot #	Expt.	Standard	Meter	Pass	Lab
Cond.			CT-ET		Date	umhos/cm	Reading	1	Field
FT 1000							umhos/cm		
Calibr.	H. Schmidt	12/15/20	0725	2-1248	2/21	1000	1000		
ICV				0726	2-10134	1-421	1000		
CCV				1451	2-10134	10/21	101.5		
CCV									

Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time	Lot #	Expt.	pH	Temp	Meter	mV	Pass	Lab
DEP SOP			CT-ET		Date	Buffer	°C	Reading		1	Field
FT 1000											
Calibr.	H. Schmidt	12/15/20	0729	290402	3/21	7.02	19	7.02	77.4		
Calibr.				0730	2036	20	6/22	100	20.3	10.2	
Calibr.				0732	20473	5/22	11.06	20.3	10.2	2.4	
ICV				0731	2036	20	6/22	4	19.4	9.8	
CCV				1450	290402	3/21	7	11.7	6.73	10.2	
CCV											

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 30

mV pH 4 Range 0 ± 30

mV pH 10 Range 0 ± 30

If mV are recorded: slope from 7 to 10 _____; slope from 4 to 7 _____

Does meter have a depth sensor that will be used to measure total depth & average depth? NO

If YES, complete daily Calibr. & ICV below and list date of last verification: 10/13/20

If NO, what will be used? Secchi Disk Line / Sonar

Depth Sensor	Name	Date	Time	Calibrated	ICV Date	Pass	Lab
(Daily Calibration & ICV)			CT-ET	value (20m or 25m)		1	Field
Pressure made in air	H. Schmidt	12/15/20		0.00	10/25/20		

Report two decimal places. Round numbers ≤ 4 down; ≥ 5 up

COMMENTS:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

☒ Yes / ☐ No

WIN Station Name: Sevenmile Creek Upstream Of Alderbrook Blvd.

Date: 12/15/2020

WIN/Field ID: G4NW0345

WBID: 10G

ENR:

Latitude: 30.66666

County: SANTA ROSA

Org ID: 21FLPNS

Longitude: -87.21651

Receiving Body of Water: Pensacola

RQ- 2020-12-14-28

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Heather Schmuki	x		x		
☒	Frank Butera		x		x	x
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☒ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded	Meter ID# 155077 (ProDSS)		
Photos: No	Flow: FLOW	Tide:	Tide Times: High: Low:
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI	Other:		
SBO ID Numbers:			
Notes:			

Duplicate Sample

Time Zone: CEN	Time: N/A	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time: N/A	Field ID: N/A	(Blank Type_DMMYYYY)
DI Source: N/A	Location: N/A		
DI Type: N/A	Equipment ID: N/A		

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

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



RQ-2020-12-14-28

Customer: WQAP

Project ID: SMP

Collected By: Heather Schmuki, Frank Butera

Field Report Prepared By: Heather Schmuki

Sampling Agency: FDEP

Place Label Here						Comments: Microbiology sample(s) submitted to contract laboratory				
WIN ID/Field ID:  G4NW0345										
Location: Sevenmile Creek Upstream Of Alderbrook Blvd.										
Matrix: Fresh						(Check one) ☒ GRAB ☐ COMPOSITE				
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
12/15/2020	850 CEN	9.59	94.9	15.2	4.72	0.1	0.2 ☒ VOB (S)	0.2	55.2	0.02
Central Lab please use top row for login purposes										
	CEN									
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)		☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☐ Ice ☐ H2SO4*		☐ <2		
		Lot #			Exp:					
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-HARD				☐ Ice ☐ HNO3*		☐ <2		
		Lot #			Exp:					
Filtered Nutrients (P125ML)		☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter				☐ Ice				
		Filter Lot #								
		Syringe Lot #								
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice				
Physical/Aggregate (Fresh) (P-1L)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS				☐ Ice				
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab				☒ Ice			1	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐				☐ Ice				
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			1	A
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Heather Schmuki Frank Butera					Signature: 				Date: 12/15/2020	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Table 1. Comparison of β -glucuronidase

Laboratory of Cellular Research Laboratory

Sampson's name ES

Student at home, or use to find

Page 4 of 4

Sampling instrument by Handwritten of 1981

Game Time 12:15:24 1381

Overseas received by W.D.C. of 1976.

Duration: 12/15/2020 13:41

[illegible][illegible]

Comments: Sample Container lost. L. 2002-08-18

402 - 2002-12-14-28

Contact organization: SIOB.H

Address: 140 Governmental Center, Suite 208, Dania Beach, FL 33022

SW = surface water, PW = pore water, Gt = quartz

Date of Request: 23-NOV-2020
Created By: KING_M On: 23-NOV-2020
Modified By: JASROTIA_P On: 25-NOV-2020
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District NWROC
Event Description: NW Run

Send Coolers To:

Phone: 850-595-0605
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Michael King
Cooler Ship EMail: Michael.King@dep.state.fl.us

Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 24-NOV-2020
Biology Request Reviewed By: JASROTIA_P On: 25-NOV-2020
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 14-DEC-2020
Logged In By:

Send Final Report To:

160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Cheryl Bunch
Report Notification EMail:
Michael.King@dep.state.fl.us;Cheryl.Bunch@dep.state.fl.us

Comments: Group A: Freshwater
(WBID 10G) Tracers, Contract Lab Bacteria

Bottle Group A (Water) With 1 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, 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.