Login Checklist

RQ-2023-10-23-30 Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 11/ 8 /2023@09:45

*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	
2.8				8		X			648484594057
0.4				14		X			648484594046
6.3				16		X			648484594079
3.1				10		X			648484594068
0.6				22		X			648484594035
2.6				4		X			648484576194

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 X No_____

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

CONTAINER CHECK

Evidence Tape on Bottles? Yes_____No_____NA X Evidence Tape intact? Yes_____No _____

If Criminal, photographs taken? Yes ____ No_____ Containers intact? Yes X No _____

Caps on tight? Yes X No ____

Sufficient Sample Volume: Yes X 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 X No_____Init: KK,TL

Chlorine detected? *(One container checked per Field ID)* Yes_____No X Init: KK,TL

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 X No_____NA_____Init: KK,TL

**W-1-4-DIOX *(Green dot on container)* preserved to pH< 4.0? Yes X No_____NA_____Init: KK,TL

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

Coolers Unpacked/Checked by: TL,KK **Date:** 11/ 8 /2023 **Event contains NCRs (Y/N)?** N

Event ID: NW-DIST-2023-11-08-01

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/16/2024
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 2313 Exp: July 2025

Additional Comments:

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# _____

Request Number: RQ-2023-10-23-30

FYI5 w/o Tox Navarre Beach WWTP FL0023981

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: FYI5

Requester: Benjamin Nomann

Collected By: MIKE BRUMFIELD

Field Report Prepared By: MIKE BRUMFIELD

Sampling Agency: FDEP

Location: NAVARRE BEACH WWTP	☒ Comp ☐ Grab	Collection (comp begin or grab) Date: 11/6/23 Time: 0900	Eastern Central	Composite end Date: 11/7/23 Time: 0903	Bottle Group(s) (See pg 2): B					
Field ID: EFF-01 COMPOSITE	Matrix (type, e.g., Salt, Fresh, etc): FRESH EFFLUENT	Diss. Oxygen: N/A ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L): N/A							
WIN/STORET #	Temp (C): 4.2	pH: N/A	Sample Depth: N/A ☐ ft ☐ m	Sp. Conductance (umho/cm): N/A						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): N/A	Comments: SAMPLES COLLECTED AT 0910 SAMPLES COLLECTED USING FACILITY'S COMPOSITE SAMPLER							
Location: NAVARRE BEACH WWTP	☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 11/7/23 Time: 0925	Eastern Central	Composite end Date: N/A Time: N/A	Bottle Group(s): A					
Field ID: EFF-01 GRAB	Matrix (type, e.g., Salt, Fresh, etc): FRESH EFFLUENT	Diss. Oxygen: 92.9 ☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L): 0.07							
WIN/STORET #	Temp (C): 22.1	pH: 6.76	Sample Depth: N/A ☐ ft ☐ m	Sp. Conductance (umho/cm): 631						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): N/A	Comments							
Location: NAVARRE BEACH WWTP	☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 11/7/23 Time: 1000	Eastern Central	Composite end Date: N/A Time: N/A	Bottle Group(s): D					
Field ID: FIELD BLANKS	Matrix (type, e.g., Salt, Fresh, etc): DI WATER	Diss. Oxygen: N/A ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L): N/A							
WIN/STORET #	Temp (C): N/A	pH: N/A	Sample Depth: N/A ☐ ft ☐ m	Sp. Conductance (umho/cm): N/A						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): N/A	Comments: SAMPLES COLLECTED NEAR EFF-01							
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date: Time:	Eastern Central	Composite end Date: Time:	Bottle Group(s)					
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen: ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
WIN/STORET #	Temp (C)	pH	Sample Depth: ☐ ft ☐ m	Sp. Conductance (umho/cm)						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MIKE BRUMFIELD	11/7/23 1030	FED EX			11.8.23 09:45

Group: A	Bottle Type: AA-AGP-SA	OP-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC	P-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: NW-UWF-ENQ NW-UWF-FCQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** N/A
Group: A	Bottle Type: W-1-4-DIOX	BG-500ML, BAKED	# of Bottles: 1	Preservative:	NASULF-BISULF and Ice	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: W-BNA	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 1
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 1

Group: A	Bottle Type: W-PSNP-TQ	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: OV-CBOD-IN	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: B	Bottle Type: W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-TSS	P-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: C	Bottle Type: AA-AGP-SA	OP-500ML	# of Bottles: 12	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: NW-UWF-ENQ NW-UWF-FCQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: W-1-4-DIOX	BG-500ML, BAKED	# of Bottles: 3	Preservative:	NASULF-BISULF and Ice	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A

HNO3
LOT# NA3123030
EXP: 05/10/2024

H2SO4
LOT# SA3193140
EXP: 07/31/2024

Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	N/A
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	N/A
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC	P-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type: W-1-4-DIOX	BG-500ML, BAKED	# of Bottles: 1	Preservative:	NASULF-BISULF and Ice	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type: W-BNA	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1

HNO3
LOT# NA3123030
EXP: 05/10/2024

H2SO4
LOT# SA3193140
EXP: 07/31/2024

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** N/A
	W-NH3					CONTINUATION OF PAGE 4 OF 5
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 1
	W-PO4-F					
Group: D	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
	W-PSNP-TQ					

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 11/7/2023
Customer: NW-DIST
RQ: RQ-2023-10-23-30
Collected By: Nathan Mulkey, Myranda Butler
Sampling Agency: FDEP
Project ID: SPPROJECTS

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

Number of Coolers Shipped: 2 **Delivery Method:** FedEx

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

Site Location	Field ID/WIN ID
Navarre Beach WWTP Control	Navarre Beach WWTP Control
Navarre Beach WWTP Test 1	Navarre Beach WWTP Test 1
Navarre Beach WWTP Test 2	Navarre Beach WWTP Test 2

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 11/7/2023 1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

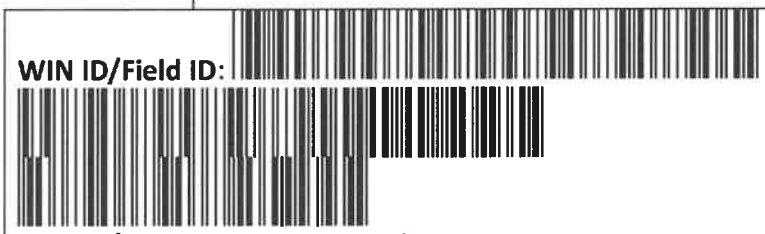
Rec'd/Inspected By: TL
Rec'd/Inspected Date: 11/8/23

RQ-2023-10-23-30	**Collected By**: Nathan Mulkey, Myranda Butler
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Myranda Butler
Project ID: SPPROJECTS	**Sampling Agency**: FDEP
WIN ID/Field ID:   **WIN ID/Field ID:** Navarre Beach WWTP Control	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: Navarre Beach WWTP Control	
Matrix: Marine	(Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh)
11/7/2023 915	8.23	104.6	19.2	8	0.3	2.4	2.4	42141	27.13

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # 3193140 Exp: 07/31/2024	X Ice X H2SO4*	<2	1	C
Metals (P-500ML)	X W-ICPMS X W-ICP X W-HARD Lot # 3123030 Exp: 05/10/2024	X Ice X HNO3*	<2	1	C
Filtered Nutrients (P125ML)	X W-PO4-F X Field Filtered 0.45 um Filter Filter Lot # 17460495 Syringe Lot # 1363514	X Ice		1	C
BOD (BP-1L)	OV-BODUNIN	Ice			
Chlorophyll (BP-1L)	X CHLSUITE-W	X Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	X Ice		1	C
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY	Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC Formalin Lot #	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	X Ice		2	C
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	X W-E8321-DI X W-E8321-MS	X Ice		1	C
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R W-TR-SQ-R W-PCB-TQ-R	Ice MCAA Exp.	MCAA Lot#		
Phytoplankton (BP-1L)	DTY-QN-C PKD-QN-BV	Ice			
DOC (P-500ML)	W-DOC Field Filtered 0.45 um Filter Acid Preservative Expiration Date	Ice H2SO4*	<2		

			Acid Preservative Lot Number					

RQ-2023-10-23-30	**Collected By:** Nathan Mulkey, Myranda Butler
Customer: FDEP	**Field Report Prepared by:** Nathan Mulkey, Myranda Butler
Project ID: SPPROJECTS	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** Navarre Beach WWTP Test 1	**Comments:** Microbiology sample(s) submitted to contract laboratory.
Location: Navarre Beach WWTP Test 1	
Matrix: Marine	(Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh)
11/7/2023 945	8.17	103.4	19	8.06	0.3	2.8	3.6	42145	27.11

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # 3193140 Exp:	x Ice x H2SO4* 07/31/2024	<2	1	C
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 3123030 Exp:	X Ice X HNO3* 05/10/2024	<2	1	C
Filtered Nutrients (P125ML)	x W-PO4-F x Field Filtered 0.45 um Filter Filter Lot # 17460495 Syringe Lot # 1363514	x Ice		1	C
BOD (BP-1L)	OV-BODUNIN	Ice			
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	x Ice		1	C
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY	Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC **Formalin Lot #**	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	x Ice		2	C
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	X W-E8321-DI X W-E8321-MS	x Ice		1	C
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R W-TR-SQ-R W-PCB-TQ-R	Ice MCAA Exp.	MCAA Lot#		
Phytoplankton (BP-1L)	DTY-QN-C PKD-QN-BV	Ice			
DOC (P-500ML)	W-DOC Field Filtered 0.45 um Filter Acid Preservative Expiration Date	Ice H2SO4*	<2		

			Acid Preservative Lot Number					

RQ-2023-10-23-30	**Collected By:** Nathan Mulkey, Myranda Butler
Customer: FDEP	**Field Report Prepared by:** Nathan Mulkey, Myranda Butler
Project ID: SPPROJECTS	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** Navarre Beach WWTP Test 2	**Comments:** Microbiology sample(s) submitted to contract laboratory.
Location: Navarre Beach WWTP Test 2	
Matrix: Marine	(Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh)
11/7/2023 1000	8.14	103.2	19.2	8.07	0.3	2.7	2.7	42106	27.09

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # 3193140 Exp: 07/31/2024	X Ice X H2SO4*	<2	1	C
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 3123030 Exp: 05/10/2024	X Ice X HNO3*	<2	1	C
Filtered Nutrients (P125ML)	x W-PO4-F x Field Filtered 0.45 um Filter Filter Lot # 17460495 Syringe Lot # 1363514	x Ice		1	C
BOD (BP-1L)	OV-BODUNIN	Ice			
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	x Ice		1	C
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY	Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC **Formalin Lot #**	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	x Ice		2	C
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	X W-E8321-DI X W-E8321-MS	x Ice		1	C
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R W-TR-SQ-R W-PCB-TQ-R	Ice **MCAA Exp.**	**MCAA Lot#**		
Phytoplankton (BP-1L)	DTY-QN-C PKD-QN-BV	Ice			
DOC (P-500ML)	W-DOC Field Filtered 0.45 um Filter **Acid Preservative Expiration Date**	Ice H2SO4*	<2		

			Acid Preservative Lot Number					

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP | Laboratory: Wetlands Research Laboratory | Sampler's intials : NM

Method of transport: on ice by hand | Page 1 of 1

Samples delivered by: [illegible] of FDEP | Date/Time: 11/7/23 /

Sample received by: of WRL | Date/Time: 11/7/23 /

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

CST

Lab ID	Sample ID	Matrix[1]	Type[2]	Container Type	Analyses Requested	Preservative	Sample (°C)[3]	Sampling Date/Time
	Navarre Beach WWTP CONTROL	SW/MW	G	Sterile plastic	Enterolert 24-QT/Fecal Colilert-18	ice/$Na_2S_2O_3$		11/7/23/0915
	Navarre Beach WWTP TEST 1	SW/MW	G	Sterile plastic	Enterolert 24-QT/Fecal Colilert-18	ice/$Na_2S_2O_3$		0945
	Navarre Beach WWTP TEST 2	SW/MW	G	Sterile plastic	Enterolert 24-QT/Fecal Colilert-18	ice/$Na_2S_2O_3$		1000

Comments: **Sample Container lot#** 21347 | PO # C1E884 | Surface water, no chlorine expected

RQ -2023-10-23-30

Contact organization FDEP | Contact name:Nathan Mulkey | Phone: 850-595-8300

Address 160 Governmental Center, suite 308, Pensacola, FL 32502 | Sampler's name:Nathan Mulkey

[1]Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

[2]Type codes: G = grab, C = composite, X = | [3] Recorded using IRT-2

RQ-2023-10-23-30

Date of Request: 02-OCT-2023
Created By: NOMANN_B On: 02-OCT-2023
Modified By: JASROTIA_P On: 12-OCT-2023
Customer: NW-DIST
Project: FYI5
Division:
District: Northwest District
Event Description: FYI5 w/o Tox Navarre Beach WWTP FL0023981

Send Coolers To:

Phone: 850-595-0557
160 Governmental Center
Suite 308
Pensacola, FL 32502-5794
Attn: Mike Brumfield; Erin Rasnake; Savanna Harrison
Cooler Ship EMail:
mike.brumfield@floridadep.gov;erin.rasnake@floridadep.gov;savanna.harrison@floridadep.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 11-OCT-2023
Biology Request Reviewed By: JASROTIA_P On: 12-OCT-2023
Sampling Kit Required: YES Ship on: 16-OCT-2023
Sampling Kit Shipped: YES On: 16-OCT-2023
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: YES
Date to Receive Samples: 07-NOV-2023
Logged In By: LEBRUN_T On: 08-NOV-2023

Send Final Report To:

160 Governmental Center
Suite 302
Pensacola, FL 32501
Attn: Mike Brumfield, Erin Rasnake, Savanna Harrison
Report Notification EMail:
mike.brumfield@floridadep.gov;erin.rasnake@floridadep.gov;savanna.harrison@floridadep.gov

Comments:
Receiving include:
- vials of sulfuric acid, nitric acid
1 - vial of sodium sulfite w/small spoon (dechlor)
1 - vial of sodium bisulfate (pH adjust)

NOTES: No Toxicity scheduled.

W-1-4-DIOX is scheduled.
##########

Send labels for each preservative
Send 1,4-dioxane preservation SOP

##########

OVERFLOW BOD shipped to TestAmerica-Orlando
- Overflow Cover Letter
- Task Assignment | OV486
- Extra RQ field sheets
- small cooler/liner/zip tie/temp bottle/return label

Bottle Group A-Effluent (grab),
Bottle Group B-Effluent (comp),
Bottle Group C-Control & Test sites,
Bottle Group D-Field Blanks (all grab and comp).

Bottle Group A (Water) With 1 Samples:

Bottle Type: OP-500ML Number of Bottles: 4 Preserved With: ICE
AA-AGP-SA Template: DEFAULT (EPA 600/9-78-018 (mod.)) Potential algal growth determination-salinity adjusted sample.
Bottle Type: P-125ML Number of Bottles: 1 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
Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
W-PSNP-TQ Template: (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE
ALKALINITY Template: DEFAULT (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE

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	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE

NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
NW-UWF-FCQ	Template: DEFAULT	(Colilert-18) Fecal coliforms (WW only) by Colilert-18/QT by UWF in Pensacola

Bottle Type: BG-500ML, BAKED Number of Bottles: 1 Preserved With: NASULF-BISULF and Ice

W-1-4-DIOX	Template: DEFAULT	(EPA 522) 1,4-Dioxane in Aqueous Matrices by GC/MS using SIM

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-BNA	Template: DEFAULT	(EPA 625) EPA Method 625 with 3510C prep, Semi-volatile organic pollutants including PAHs, excluding PCBs and Toxaphene, in water matrices by GC/MS.

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

OV-CBOD-IN	Template: DEFAULT	(SM 5210 B) BOD, nitrogen-inhibited (CBOD) at Eurofins Testamerica

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Copper		

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE

W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Group C (Water) With 3 Samples:

Bottle Type: OP-500ML Number of Bottles: 12 Preserved With: ICE

AA-AGP-SA	Template: DEFAULT	(EPA 600/9-78-018 (mod.)) Potential algal growth determination-salinity adjusted sample.

Bottle Type: P-1L Number of Bottles: 3 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 3 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: TEST HAS NO Number of Bottles: 3 Preserved With: ICE

NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
NW-UWF-FCQ	Template: DEFAULT	(Colilert-18) Fecal coliforms (WW only) by Colilert-18/QT by UWF in Pensacola

Bottle Type: BG-500ML, BAKED Number of Bottles: 3 Preserved With: NASULF-BISULF and Ice

W-1-4-DIOX	Template: DEFAULT	(EPA 522) 1,4-Dioxane in Aqueous Matrices by GC/MS using SIM

Bottle Type: BG-500ML Number of Bottles: 3 Preserved With: ICE

W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 3 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		

Bottle Type: P-500ML Number of Bottles: 3 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

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

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices	
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)	
Color (true)			
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
Bottle Type: BG-500ML, BAKED		Number of Bottles: 1	Preserved With: NASULF-BISULF and Ice
W-1-4-DIOX	Template: DEFAULT	(EPA 522) 1,4-Dioxane in Aqueous Matrices by GC/MS using SIM	
Bottle Type: BG-500ML		Number of Bottles: 2	Preserved With: ICE
W-BNA	Template: DEFAULT	(EPA 625) EPA Method 625 with 3510C prep, Semi-volatile organic pollutants including PAHs, excluding PCBs and Toxaphene, in water matrices by GC/MS.	
Bottle Type: BG-500ML		Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	
Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	
Calcium			
Iron			
Magnesium			
Potassium			
Sodium			
Zinc			
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	
Aluminum			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead			
Nickel			
Selenium			
Silver			
Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L	
W-NO2NO3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices	
Bottle Type: P-125ML		Number of Bottles: 1	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	
Bottle Type: BG-500ML		Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template:	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS	

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