

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

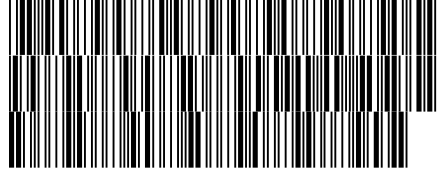
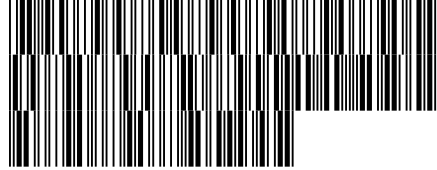
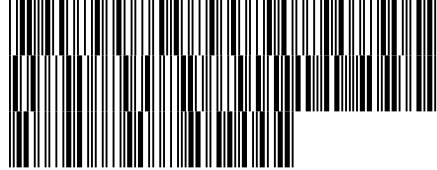
Date: 11/7/2023
Customer: NW-DIST
RQ: RQ-2023-10-23-30
Collected By: Nathan Mulkey, Myranda Butler
Sampling Agency: FDEP
Project ID: SPPROJECTS

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:

**Rec'd/Inspected
Date:**



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 (PPT)									
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				X	Ice	X	H2SO4*	<2	1	C						
		Lot #		3193140		Exp:		07/31/2024										
Metals (P-500ML)	X	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	<2	1	C				
		Lot #		3123030		Exp:		05/10/2024										
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		Ice				1	C						
		Filter Lot #	17460495		Syringe Lot #	1363514												
BOD (BP-1L)		OV-BODUNIN					Ice											
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice											
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				X	Ice											
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	Ice		2	C						
	X	Contract Lab																
Molecular (QPCR-P-500ML)		PCR-HF183			PCR-BacR			PCR-DG3	Ice									
		PCR-GULL2			PCR-GFD													
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS		X	Ice	MCAA Exp.	MCAA Lot#								
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													
Phytoplankton (BP-1L)		DTY-QN-C			PKD-QN-BV			Ice										
DOC (P-500ML)		W-DOC			Field Filtered 0.45 µm Filter			Ice										
		Acid Preservative Expiration Date								<2								

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

SPECIAL PROJECTS Field Sheet Fifth Year Inspection FYI5

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:		Navarre Beach WWTP Control			Sample Date:		11/7/2023	
		NWFYI0029						
WIN / Field ID:	Navarre Beach WWTP Control	ORG ID:	21FLPNS	ENR:		Latitude:	30.3842	
County:	Santa Rosa	WBID:	915H	ESTUARY		Longitude:	-86.87261	
Receiving Body of Water:		Gulf of Mexico				RQ-	2023-10-23-30	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Nathan Mulkey	x				
Myranda Butler		x		x	

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
x	Syringe		Pole
Syringe Lot# 1363514		Filter Lot# 17460495	
Secchi Equipment ID:		Secchi - 2	
Collection Method			
Wading		Canoe/Kayak	
From Shore		Electric Motor	
		x	Gasoline Motor
Depth Measured With		Meter	

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	Falling
High Tide:	0205
Low Tide:	1226
Photos:	Yes
Meter ID:	155077 (ProDSS)
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
CEN	915	2.4	0.3	8.23	104.6	19.2	8	2.4	42141	27.13
	0920		1.9	8.33	105.3	18.9	7.93		42147	27.12
								VOB (s)		

Biological Samples Collected: None**SBIO Visit ID:** **HA ID:** **RPS ID:** **Macrophyte ID:** **LIMS Sample ID In The Macrophyte Module:**

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation						
				Type	Lot#	Expiration Date	pH Check			
Microbiology	Contract Lab	Enterococci	F. coli	ICE						
		UWF								
Chlorophyll	CHLSUITE-W			ICE						
Physical/Aggregate Nutrients	ALKALINITY, TURBIDITY, W-F, W-TSS			ICE						
	W-CL-IC, W-COLOR, W-SO4-IC, W-TDS			ICE						
Filtered Nutrients	W-PO4-F	Field Filtered 0.45 µm Filter		ICE	Syring Lot#:1363514; Filter Lot#:17460495					
Acid Preserved Nutrients	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			ICE	H2SO4*	3193140	07/31/2024			
Metals	W-ICPMS	W-ICP	W-HARD	ICE	HNO3**	3123030	05/10/2024			
Organics (LC)	W-E8321-DI	W-E8321-MS		Ice						
Macroinvertebrates										
Organics (GC)					*2.0 ml of H2SO4 Used Unless Noted Otherwise **2.0 ml of HNO3 Used Unless Noted Otherwise					
Molecular										
Periphyton										
Phytoplankton										
BOD										
DOC					SyringLot#		FilterLot#			
Other(s)	Dioxane, AGP				NaHSO4					
Field Comments:										
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.									
Relinquish Date:	11/07/2023	Signature:								

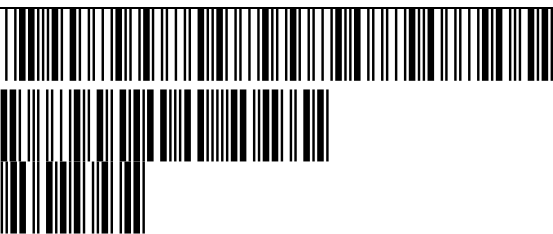
LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date) (Initials/Date)Save Field Sheets on Network: _____ Migrate Data to WIN: _____
(Initials/Date) (Initials/Date)



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				X	Ice	X	H2SO4*		<2	1	C				
		Lot #		3193140		Exp:	07/31/2024										
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*		<2	1	C	
		Lot #		3123030		Exp:	05/10/2024										
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter				X	Ice			1	C			
		Filter Lot #		17460495		Syringe Lot #		1363514									
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-CHC / 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	Ice				2	C	
	X	Contract Lab															
Molecular (QPCR-P-500ML)		PCR-HF183			PCR-BacR			PCR-DG3			Ice						
		PCR-GULL2			PCR-GFD												
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		Ice	MCAA Exp.	MCAA Lot#					
		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											
Phytoplankton (BP-1L)		DTY-QN-C			PKD-QN-BV					Ice							
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter					Ice		H2SO 4*	<2				
		Acid Preservative Expiration Date															

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

SPECIAL PROJECTS Field Sheet Fifth Year Inspection FYI5

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:		Navarre Beach WWTP Test 1 NWFYI0030				Sample Date:		11/7/2023	
WIN / Field ID:		Navarre Beach WWTP Test 1		ORG ID:	21FLPNS	ENR:		Latitude:	30.38195
County:		Santa Rosa		WBID:	915G	ESTUARY		Longitude:	-86.87891
Receiving Body of Water:				Gulf of Mexico				RQ-	2023-10-23-30

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Nathan Mulkey	x		x		
Myranda Butler		x		x	

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
x	Syringe		Pole
Syringe Lot# 1363514		Filter Lot# 17460495	
Secchi Equipment ID:		Secchi - 2	
Collection Method			
Wading		Canoe/Kayak	
From Shore		Electric Motor	
		x	Gasoline Motor
Depth Measured With Meter			

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	Falling
High Tide:	0205
Low Tide:	1226
Photos:	Yes
Meter ID:	155077 (ProDSS)
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
CEN	945	3.6	0.3	8.17	103.4	19	8.06	2.8	42145	27.11
	0950		3.1	8.17	103.1	18.8	8.07		42107	27.09

Biological Samples Collected: None**SBIO Visit ID:** **HA ID:** **RPS ID:** **Macrophyte ID:** **LIMS Sample ID In The Macrophyte Module:**

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation							
				Type	Lot#	Expiration Date	pH Check				
Microbiology	Contract Lab	Enterococci	F. coli	ICE							
		UWF									
Chlorophyll	CHLSUITE-W										
Physical/Aggregate	ALKALINITY, TURBIDITY, W-F, W-TSS			ICE	Syring Lot#:1363514; Filter Lot#:17460495						
Nutrients	W-CL-IC, W-COLOR, W-SO4-IC, W-TDS			ICE							
Filtered Nutrients	W-PO4-F	Field Filtered 0.45 µm Filter		ICE							
Acid Preserved Nutrients	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			ICE	H2SO4*	3193140	07/31/2024				
Metals	W-ICPMS	W-ICP	W-HARD	ICE	HNO3**	3123030	05/10/2024				
Organics (LC)	W-E8321-DI	W-E8321-MS		Ice							
Macroinvertebrates											
Organics (GC)					*2.0 ml of H2SO4 Used Unless Noted Otherwise **2.0 ml of HNO3 Used Unless Noted Otherwise						
Molecular											
Periphyton											
Phytoplankton											
BOD											
DOC					SyringLot#	FilterLot#					
Other(s)	Dioxane, AGP			Ice NaHSO4							
Field Comments:											
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.										
Relinquish Date:	11/07/2023	Signature:									

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)

Save Field Sheets on Network: _____

(Initials/Date)

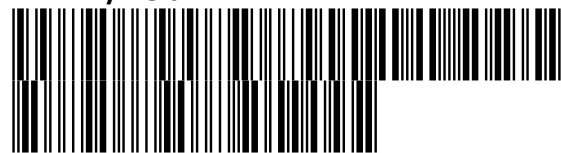
Migrate Data to WIN: _____

(Initials/Date)



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				X	Ice	X	H2SO4*		<2	1	C					
		Lot #		3193140		Exp:	07/31/2024											
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*		<2	1	C		
		Lot #		3123030		Exp:	05/10/2024											
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter				x	Ice				1	C			
		Filter Lot #	17460495		Syringe Lot #	1363514												
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-CHC / 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	Ice					2	C	
	X	Contract Lab																
Molecular (QPCR-P-500ML)		PCR-HF183			PCR-BacR			PCR-DG3			Ice							
		PCR-GULL2			PCR-GFD													
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			Ice	MCAA Exp.	MCAA Lot#								
		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												
Phytoplankton (BP-1L)		DTY-QN-C			PKD-QN-BV			Ice										
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter			Ice		H2SO 4*		<2						
		Acid Preservative Expiration Date																

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

SPECIAL PROJECTS Field Sheet Fifth Year Inspection FYI5

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	Navarre Beach WWTP Test 2				Sample Date:	11/7/2023	
	NWFYI0031						
WIN / Field ID:	Navarre Beach WWTP Test 2	ORG ID:	21FLPNS	ENR:		Latitude:	30.38219
County:	Santa Rosa	WBID:	915G	SPRING		Longitude:	-86.87986
Receiving Body of Water:	Gulf of Mexico				RQ-	2023-10-23-30	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Nathan Mulkey	x		x		
Myranda Butler		x		x	

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
x	Syringe		Pole
Syringe Lot# 1363514		Filter Lot# 17460495	
Secchi Equipment ID:		Secchi - 2	
Collection Method			
	Wading		Canoe/Kayak
	From Shore		Electric Motor
		x	Gasoline Motor
Depth Measured With		Meter	

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	Falling
High Tide:	0205
Low Tide:	1226
Photos:	Yes
Meter ID:	155077 (ProDSS)
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
CEN	1000	2.7	0.3	8.14	103.2	19.2	8.07	2.7	42106	27.09
	1010		2.2	8.27	104	18.8	8.08	VOB (s)	41660	26.77

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation							
				Type	Lot#	Expiration Date	pH Check				
Microbiology	Contract Lab	Enterococci	F. coli	ICE							
Chlorophyll	CHLSUITE-W			ICE							
Physical/Aggregate Nutrients	ALKALINITY, TURBIDITY, W-F, W-TSS			ICE							
Filtered Nutrients	W-PO4-F	Field Filtered 0.45 µm Filter		ICE	Syring Lot#:1363514; Filter Lot#:17460495						
Acid Preserved Nutrients	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			ICE	H2SO4*	3193140	07/31/2024				
Metals	W-ICPMS	W-ICP	W-HARD	ICE	HNO3**	3123030	05/10/2024				
Organics (LC)	W-E8321-DI	W-E8321-MS		Ice							
Macroinvertebrates											
Organics (GC)					*2.0 ml of H2SO4 Used Unless Noted Otherwise **2.0 ml of HNO3 Used Unless Noted Otherwise						
Molecular											
Periphyton											
Phytoplankton											
BOD											
DOC					SyringLot#	FilterLot#					
Other(s)	Dioxane, AGP			Ice, NaHSO4							
Field Comments:											
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.										
Relinquish Date:	11/07/2023	Signature:									

LIMS EVENT ID: WIN Import ID:

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

Save Field Sheets on Network: Migrate Data to WIN:

Document Reference # 05.1.0

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Page 1 of 1

Date/Time:

Date/Time:

CST

Sampling Date/Time	
11/26/23	0915
↓	0945
↓	1000

PO # C1E884

Surface water, no chlorine expected

RQ -2023-10-23-30

Contact name:Nathan Mulkey

Phone: 850-595-8300

Sampler's name:Nathan Mulkey

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

³ Recorded using IRT-2

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: **155077**

RQ: **2023-10-23-30**

Project: **FY15**

- Notes: (1) Always wait for meter to stabilize before recording any readings. **Nature Beach WWTTP**
 (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 **10/5/23**

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.	NM	11/7/23	0630	22.2	763	8.7	8.7	100.4			P / F	(L) F
ICV			0632	↓	↓	↓	8.75	100.4			(P) F	(L) F
CCV			1330	23.6	763	8.5	8.80	103.3			(P) F	(L) F
CCV											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.	NM	11/7/23	0635	200413B	11/23	10,000	10,000	P / F	(L) F
ICV	↓	↓	0638	201221B	1/24	1000	1030	(P) F	(L) F
CCV	↓	↓	1334	230627D	7/24	50,000	50,200	(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.	NM	11/7/23	0640	1210090	8/24	7.	22.0	7.0		P / F	(L) F
Calibr.	↓	↓	0642	1100866	5/24	4.	↓	4.0		P / F	(L) F
Calibr.	↓	↓	0649	1210576	12/23	10.	↓	10.0		P / F	(L) F
ICV	↓	↓	0646	1100866	5/24	4.0	↓	3.95	139.5	(P) F	(L) F
CCV	↓	↓	1338	1210576	12/23	10.0	22.5	10.03	202.6	(P) F	(L) F
CCV										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 _____, slope from 4 to 7 _____ (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: **10/5/23**

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

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	NM	11/7/23	0650	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: