

Login Checklist

RQ-_____

Login Station ID: _____

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: _____

*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	

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: _____

Chlorine detected? (One container checked per Field ID) Yes _____ No _____ Init: _____

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: _____

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

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

Coolers Unpacked/Checked by: _____ Date: _____ Event contains NCRs (Y/N)? _____

Event ID: _____

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	
Chlorine Test Strips	

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: <u>3/6/2024</u>	Collected By: <u>Jeremy Parrish, Katrin Villinger</u>
Customer: <u>NE-DIST</u>	Sampling Agency: <u>FDEP</u>
RQ: <u>RQ-2024-03-04-37</u>	Project ID: <u>SMP</u>

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

Number of Coolers Shipped: 0 **Delivery Method:** HandDelivered

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

Site Location	Field ID/WIN ID
SISTERS CREEK NW OF SHELL ISLAND	 G2NE1232

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/6/2024 1200
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:

WIN ID/Field ID:  WIN ID/Field ID: G2NE1232	Comments: Microbiology sample(s) submitted to contract laboratory.
---	---

Matrix: Marine

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)
3/6/2024 1050	7.55	90.1	18.7	7.57	0.3	0.7	2.3	29006	17.96

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 um Filter										Ice			
	Filter Lot #						Syringe Lot #																	
BOD (BP-1L)	OV-BODUNIN										Ice													
Chlorophyll (BP-1L)	CHLSUITE-W										Ice													
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS										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				F Coli				X	Enterococci		x	Ice	1	B									
	X	Contract Lab																						
Molecular (QPCR-P-500ML)	PCR-HF183				PCR-BacR				PCR-DG3		Ice													
	PCR-GULL2				PCR-GFD																			
Tracers (BG-500ML)	W-E8321-DI										W-E8321-MS		Ice											
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																			
					Acid Preservative Lot Number																			

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID:

YSI-DESE

RQ:

2024-03-04-07

Project:

CM-Sisters

Boldly "X" this box if there are qualified data on this page.

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

12/18/2023

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.	J Parnish	3/6/24	850	21.5	757	8.8	8.8	99.5	-	1.00	P/F	L/F
ICV	J	3/6/24	851	21.6	757	8.8	8.78	99.7	-	1.00	P/F	L/F
CCV	J Parnish	3/6/24	1359	22.0	755	8.7	8.68	99.4	-	-	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.	J Parnish	3/6/24	853	231103B	1/24	1000	1030	P/F	L/F
ICV	J	3/6/24	855	230612C	6/24	5000	49363	P/F	L/F
CCV	J Parnish	3/6/24	1400	231103A	1/24	100	99.3	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.	J Parnish	3/6/24	856	43040117	9/24/25	7.01	22.4	7.01	-30.0	P/F	L/F
Calibr.	J	3/6/24	900	43160538	10/31/25	4.00	21.8	4.00	142.5	P/F	L/F
Calibr.	J	3/6/24	903	43080574	9/9/25	10.04	21.8	10.04	-20.5	P/F	L/F
ICV	J	3/6/24	905	43160536	10/31/25	4.00	21.8	4.00	142.5	P/F	L/F
CCV	J Parnish	3/6/24	1402	43080574	9/9/25	10.00	21.7	10.08	-20.5	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 10 171.5, slope from 4 to 7 172.5 (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:

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	J Parnish	3/6/24	907	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:

Date of Request: 12-OCT-2023
Created By: AYRES_J On: 12-OCT-2023
Modified By: AYRES_J On: 04-JAN-2024
Customer: CAMA-CHARL
Project: CHEVWQMN
Division: Office of Coastal and Aquatic Managed Areas
District:
Event Description: CHEVWQMN Monthly Nutrient Sampling

Send Coolers To:

Phone: 941-575-5861
Charlotte Harbor Aquatic Preserves
12301 Burnt Store Road
Punta Gorda, FL 33955
Attn: Melynda Brown
Cooler Ship EMail:
Melynda.A.Brown@dep.state.fl.us;Arielle.TaylorManges@dep.state.fl.us

Priority: 3
Event Status: X
Criminal Investigation: NO
Chemistry Request Reviewed By:
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 19-FEB-2024
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 07-MAY-2024
Logged In By:

Send Final Report To:

Charlotte Harbor Aquatic Preserves
12301 Burnt Store Road
Punta Gorda, FL 33955
Attn: Melynda Brown
Report Notification EMail:
Melynda.A.Brown@dep.state.fl.us;Arielle.TaylorManges@dep.state.fl.us;Abrianna.Sadler@FloridaDEP.gov;Kayla.J.Hayes@FloridaDEP.gov

Comments: Group A - includes Entero (45)
Group B - includes Ecoli (1)
DO NOT pack Group B containers
INCLUDE UPS return shipping labels.

Bottle Group A (Water) With 45 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
CHLSUITE-W Template: DEFAULT Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a	(SM 10150 B)	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
SD-SND-ENQ Template: DEFAULT ENTEROCOCCI-ENTEROLERT	(Enterolert/QT)	Enterococci by Enterolert/QT by Sanders in Fort Myers
TURBIDITY Template: DEFAULT Turbidity	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
W-COLOR Template: DEFAULT Color (true)	(DEP SOP: NU-094-1)	True Color measured at 450 nm (not valid for NPDES monitoring)
W-NO2NO3 Template: DEFAULT NO2NO3-N	(EPA 353.2 Rev. 2.0)	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP Template: DEFAULT Total-P	(EPA 365.1 Rev. 2.0)	Total Phosphorus in aqueous matrices as mg P/L
W-TKN Template: DEFAULT Kjeldahl Nitrogen	(EPA 351.2 Rev. 2.0)	Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
CHLSUITE-W Template: DEFAULT Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected	(SM 10150 B)	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Phaeophytin-a		
SD-SND-ECQ	Template: DEFAULT	(Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers
Escherichia Coli-Quanti-Tray		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
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		