

From: [Parrish, Jeremy M.](#)
To: [Ayres, Joshua](#)
Cc: [Reddy, Sathavaram](#)
Subject: RE: RQ-2021-06-28-14 | NE-DIST-2021-07-01-01
Date: Thursday, July 8, 2021 11:56:57 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)

Yes, that was a mix up, in the bottles.

Can you throw that sample bottle out, it was actually just a sample of lake water, and was not a blank.

Sorry for inconvenience.

Jeremy

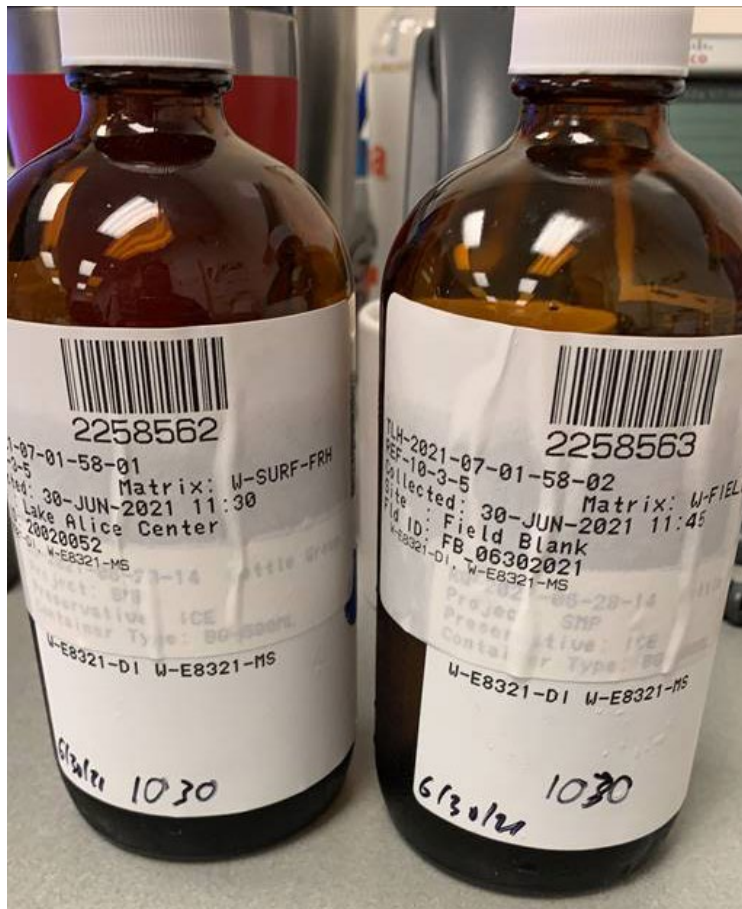
From: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Sent: Thursday, July 8, 2021 10:49 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Cc: Reddy, Sathavaram <Sathavaram.Reddy@dep.state.fl.us>
Subject: RQ-2021-06-28-14 | NE-DIST-2021-07-01-01
Importance: High

Jeremy –

We had positive detection in the Field BLK Tracer sample (W-E8321-DI & W-E8321-MS) sent in for this RQ. The result indicated its a dup of the Lake Alice Center sample.

We also notice that the Tracers portion of the COC wasn't marked as sent for the filed blank but was sent. Was wondering if the sample was accidentally collected twice (both containers have the same collection time but different field ID labels).

If that's the case, I'll cancel the Tracer sample for the Field Blank (2258563).



(P-1L)	TDS		LA			
Physical/Aggregate (Marine)	Lake Alice Center FB06302021					
(P-1L)						
Tracers (BC-500ML)	☐ W-EB321-DI	☐ W-EB321-MS	☐ Ice			
Pesticides (BC-500ML) (BC-1L)	☐ W-EB321-DI	☐ W-EB321-MS	☐ W-PSNP-TQ	☐ W-CT-CL-R	☐ Ice	
	☐ W-PCL-TQ-R	☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				
Name: Jeremy Parrish Brian Davis			Signature: <i>Jeremy Parrish</i>		Date: 6/30/2021	

(Contract Lab Bottle)	Contract		LA			
Molecular	Lake Alice Center 20020052					
(QPCR-P-500ML)						
Tracers (BC-500ML)	☒ W-EB321-DI	☒ W-EB321-MS	☒ Ice			1 A
Pesticides (BC-500ML) (BC-1L)	☐ W-EB321-DI	☐ W-EB321-MS	☐ W-PSNP-TQ	☒ W-CT-CL-R	☒ Ice	4 A
Phytoplankton/Periphyton	☐ W-PCL-TQ-R	☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ DTY-QN-C	☐ PKD-QN-BV	☐ Ice	
Name: Jeremy Parrish Brian Davis			Signature: <i>Jeremy Parrish</i>		Date: 6/30/2021	



JOSHUA AYRES
Environmental Specialist III
DEP Laboratories
Voice: 850.245.8206
joshua.ayres@floridadep.gov

Login Checklist

RQ- 2021-06-28-14

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/1/21 @ 9:15

*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	
4.3				17		✓			9293 8013 4936

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: KK

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: KK

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: KK

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

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

Coolers Unpacked/Checked by: KK Date: 7/1/21 Event contains NCRs (Y/N)? N

Event ID: Lake Alice LVI
NE-DIST-2021-07-01 (SMP)

Page 1 of 2, 06/15/2020, Form LD-020-1777 Date Received: 01-JUL-2021 09:15

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

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: 6/30/2021
Customer: NE-DIST
RQ: RQ-2021-06-28-14

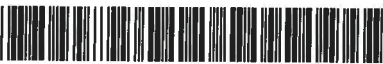
Collected By: Jeremy Parrish, Brian Davis
Sampling Agency: FDEP
Project ID: SMP

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

Number of Coolers Shipped: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
LAKE ALICE CENTER	 20020052
FB	 FB_06302021

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/30/2021
1600CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *WIK*

Rec'd/Inspected Date: *7.1.21/0915*



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: LAKE ALICE CENTER

Date: 6/30/2021

WIN/Field ID: 20020052

WBID: 2719A

ENR: -

Latitude: 29.6427

County: ALACHUA

Org ID: 21FLA

Longitude: -82.36

Receiving Body of Water: Ocklawaha

RQ- 2021-06-28-14

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Jeremy Parrish	x		x		
☒	Brian Davis		x		x	
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Sonar	
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# BRUCE

Photos: No

Flow: NA

Tide:

Tide Times:
High: Low:

Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:

SBIO ID Numbers:

Notes:

CLOUDY, RECENT RAIN

Duplicate Sample

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

WIN DMT Activity ID:

Blank

Time Zone: CEN Time: 1045 Field ID: FB 06302021 (Blank Type_DMMYYYY)
DI Source: Neroc Location: Lake alice
DI Type: Field Blank Equipment ID: Container
DI Container (Name/ID): Cargirl DI Container Type: 9l carboy

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-2021-06-28-14

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Brian Davis

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here						Comments:					
WIN ID/Field ID: 											
20020052											
Location: LAKE ALICE CENTER											
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 (PPTth)	
	1030 CEN	4.4	54.8	27.1	6.86	0.3	1 ☐ VOB (S)	2.6	169.4	0.08	
6/30/2021	1032	0.27	3.4	25.3	6.62	2	Central Lab please use top row for login purposes		168	0.08	
	1034 CEN	0.24	2.9	25.2	6.54	2.1			170.7	0.08	
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	1	A	
		Lot # Sa0353110		Exp: 1/11/22							
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			1	A	
		Filter Lot # Ronb38756									
		Syringe Lot #									
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / 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 ☐ Enterococci				☐ Ice					
		☐ 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			1	A	
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		WE8321-MS		W-PSNP-TQ ☒ W-CT-CL-R		☒ Ice	4	A	
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)							
Phytoplankton/Periphyton						☐ DTY-QN-C ☐ PKD-QN-BV		☐ Ice			
Name: Jeremy Parrish Brian Davis					Signature: 					Date: 6/30/2021	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



RQ- 2021-06-28-14

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Brian Davis

Field Report Prepared By: Jeremy Parrish, Brian Davis

Sampling Agency: FDEP

BLANK



Field ID: FB 06302021

Comments:

Matrix: Field Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Neroc

6/30/2021

1045

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 Lot # sa0353110 Exp: 1/11/22	☒ Ice ☒ H2SO4	☒ <2	1	B
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP Lot # Exp:	☐ Ice ☐ H2SO4	☐ <2		
Filtered Nutrients (P125ML)	☒ W-PO4-F Filter ☒ Field Filtered 0.45 µm Filter Lot # Ronb38756 Syringe Lot #	☒ Ice		1	B
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-IC / TDS	☒ Ice		1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-TQ-R ☐ W-CARB-AA ☐ 15 ml of MCAA** Buffer Solution	☐ Ice			
Name: Jeremy Parrish Brian Davis		Signature: <i>Jeremy Parrish</i>		Date: 6/30/2021	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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: YSI Bruce

RQ: 2021-06-28-14

Project: SMP Lake Alice WPA

- 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 5/17/21

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.	<u>J. Parnish BP</u>	<u>6/30/21</u>	<u>743</u>	<u>21.1</u>	<u>765.2</u>	<u>9.0</u>	<u>—</u>	<u>100.7</u>	<u>—</u>	<u>1.03</u>	<u>P</u> /F	<u>L</u> /F
ICV			<u>745</u>	<u>21.3</u>	<u>765.3</u>	<u>8.9</u>	<u>8.93</u>	<u>100.8</u>	<u>—</u>	<u>1.03</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>J. Parnish</u>	<u>6/30/21</u>	<u>144</u>	<u>22.3</u>	<u>764</u>	<u>8.7</u>	<u>8.67</u>	<u>99.7</u>	<u>—</u>	<u>—</u>	<u>B</u> /F	<u>L</u> /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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>J. Parnish BP</u>	<u>6/30/21</u>	<u>740</u>	<u>210426B</u>	<u>5/22</u>	<u>1000</u>	<u>1000</u>	<u>P</u> /F	<u>L</u> /F
ICV			<u>742</u>	<u>210426A</u>	<u>5/22</u>	<u>100</u>	<u>99.4</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>J. Parnish</u>	<u>6/30/21</u>	<u>1490</u>	<u>210426C</u>	<u>5/22</u>	<u>1413</u>	<u>1405</u>	<u>P</u> /F	<u>L</u> /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.	<u>J. Parnish BP</u>	<u>6/30/21</u>	<u>748</u>	<u>2012E39</u>	<u>12/22</u>	<u>7.02</u>	<u>21.0</u>	<u>7.02</u>	<u>-29.0</u>	<u>P</u> /F	<u>L</u> /F
Calibr.			<u>750</u>	<u>2103659</u>	<u>2/23</u>	<u>4.00</u>	<u>21.1</u>	<u>4.00</u>	<u>146.5</u>	<u>P</u> /F	<u>L</u> /F
Calibr.			<u>752</u>	<u>2103553</u>	<u>9/22</u>	<u>10.04</u>	<u>21.3</u>	<u>10.04</u>	<u>-198.3</u>	<u>P</u> /F	<u>L</u> /F
ICV			<u>756</u>	<u>2103659</u>	<u>3/23</u>	<u>4.00</u>	<u>21.2</u>	<u>3.99</u>	<u>145.9</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>J. Parnish</u>	<u>6/30/21</u>	<u>1451</u>	<u>2103553</u>	<u>9/22</u>	<u>10.00</u>	<u>21.3</u>	<u>10.11</u>	<u>-203.7</u>	<u>P</u> /F	<u>L</u> /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 10 169.3, slope from 4 to 7 175.5 (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: 5/17/21

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	<u>BLI 2 Dev</u>	<u>6/30/21</u>	<u>800</u>	<u>0.00</u>	<u>0.00</u>	<u>P</u> /F	<u>L</u> /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: 25-MAY-2021
 Created By: PARRISH_J On: 25-MAY-2021
 Modified By: JASROTIA_P On: 28-MAY-2021
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: Lake Alice LVI

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 27-MAY-2021
 Biology Request Reviewed By: JASROTIA_P On: 28-MAY-2021
 Sampling Kit Required: YES Ship on: 18-JUN-2021
 Sampling Kit Shipped: YES On: 15-JUN-2021
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 28-JUN-2021
 Logged In By:

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A: (Surf-fresh)Nutrients, CT-CLR,Tracer
 Group B: (Blank)Nutrients, Ct-CLR, Tracer

Packing Notes:**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-1L	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
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) 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-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
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
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 A (Water) With 1 Samples:

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 Group B (Water) With 1 Samples:

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: P-1L	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
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) 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-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
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