RQ-2021-07-19-23

Date of Request: 15-JUN-2021
Created By: PARRISH_J On: 15-JUN-2021
Modified By: JASROTIA_P On: 17-JUN-2021
Customer: NE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Event Description: Nassau North

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: W
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 16-JUN-2021
Biology Request Reviewed By: JASROTIA_P On: 17-JUN-2021
Sampling Kit Required: YES Ship on: 09-JUL-2021
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 19-JUL-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, Metals, Bacteria
Group B:(Surf-Fresh) Metal, Bacteria
Group C:(Surf.Fresh)Nutrient , Metal

NE-ALS-ECQ

Packing Notes:
None

Bottle Group A (Water) With 3 Samples:

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

ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC Chloride	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
W-F Fluoride	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC Sulfate	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS 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: 3 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group A (Water) With 3 Samples:

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

CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

- Chlorophyll-a, Corrected
- Chlorophyll-a, Uncorrected
- Phaeophytin-a

Bottle Type: P-250ML-WI-THI Number of Bottles: 3 Preserved With: ICE

NE-ALS-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

- Escherichia Coli-Quanti-Tray

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

W-HARD Template: DEFAULT (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3

- Hardness

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

- Barium
- Calcium
- Iron
- Magnesium
- Manganese
- 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

- *Boron
- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

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

- Ammonia-N

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

W-TOC Template: DEFAULT (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

- Organic Carbon

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

- O-Phosphate-P

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 3 Preserved With: ICE

NE-ALS-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

- Escherichia Coli-Quanti-Tray

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

W-HARD Template: DEFAULT (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3

- Hardness

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

- Barium

Bottle Group B (Water) With 3 Samples:

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	
	Manganese	
	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
	*Boron	
	Aluminum	
	Antimony	
	Arsenic	
	Beryllium	
	Cadmium	
	Chromium	
	Copper	
	Lead	
	Nickel	
	Selenium	
	Silver	
	Thallium	

Bottle Group C (Water) With 1 Samples:

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
	Chlorophyll-a, Corrected	
	Chlorophyll-a, Uncorrected	
	Phaeophytin-a	

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

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
	Hardness	
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
	Barium	
	Calcium	
	Iron	
	Magnesium	
	Manganese	
	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
	*Boron	
	Aluminum	
	Antimony	
	Arsenic	
	Beryllium	
	Cadmium	
	Chromium	
	Copper	
	Lead	
	Nickel	
	Selenium	
	Silver	
	Thallium	

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

Bottle Group C (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
Ammonia-N			
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			
W-TOC	Template: DEFAULT	(SM 5310 B-2011)	Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon			

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
O-Phosphate-P			

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
Total Alkalinity			
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
Turbidity			
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Chloride in aqueous matrices
Chloride			
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)
Fluoride			
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Sulfate in aqueous matrices
Sulfate			
W-TDS	Template: DEFAULT	(SM 2540 C-2011)	Total Dissolved Solids in aqueous matrices
TDS			
W-TSS	Template: DEFAULT	(SM 2540 D-2011)	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS			

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