

Date of Request: 10-MAR-2022
 Created By: PARRISH_J On: 10-MAR-2022
 Modified By: PARRISH_J On: 10-MAR-2022
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: LSJR North 2022

Send Coolers To:

Phone: 904-256-1693
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@floridadev.gov

Priority: 3
 Event Status: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 04-APR-2022
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 18-APR-2022
 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@floridadev.gov

Comments: Group A: (Surf-Salt) Nutrients, Tracers, markers, Bacteria
 Group B: (Surf-Salt) Metals, pchlqr, ctclr, pcbtqr, Bacteria
 Group C: (Surf. Fresh) Metal, ctclr, pchlqr, pcbtqr Bacteria, tracer
 Group D: (Surf-Salt) Metal, Enterro, Tracer
 Group E: (Surf.-Fresh) Nutrient, Ecoli
 Group F: (Surf.-Fresh) bacteria, tracer

Packing Notes:

Bottle Group A (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
CHLSUITE-W Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
ENT-24-QT Enterococci-Quanti-Tray	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
PCR-BACR *BacR-qPCR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3 *DG3-qPCR	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183 *HF183-qPCR	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices

Bottle Group A (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-E8321-DI Acesulfame K AMPA Endothall Glufosinate Glyphosate Sucralose	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS 2,4-D 2,4,5-T Acetaminophen Acetamiprid Afidopyropen Bentazon Benzovindiflupyr Carbamazepine Clothianidin Dinotefuran Diuron Fenuron Fluridone Hydrocodone Ibuprofen Imazapyr Imidacloprid Linuron Mandestrobin MCP Naproxen Primidone Pyraclostrobin Silvex Thiamethoxam Tolfenpyrad Triclopyr	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-F Fluoride	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-NH3 Ammonia-N	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3 NO2NO3-N	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-PO4-F O-Phosphate-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
W-S-A-TP Total-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN Kjeldahl Nitrogen	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC Organic Carbon	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon 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 Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ENT-24-QT Enterococci-Quanti-Tray	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Chlordane		
Toxaphene		
W-ICP	Template: SMP-MARINE	(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		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: SMP-MARINE	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Strontium		
Aluminum		
Antimony		
Arsenic		
Beryllium		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
PCB-1016		
PCB-1221		
PCB-1232		
PCB-1242		
PCB-1248		
PCB-1254		
PCB-1260		
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
*Beta-Cyfluthrin		
*Bifenthrin		
*Cis-Nonachlor		
*Dacthal		
*Deltamethrin		
*Dichlobenil		
*Esfenvalerate		
*Ethalfuralin		
*Fenpropathrin		
*Kepone		
*Lambda-Cyhalothrin		
*Methoprene		
*MGK-264		
*Oxychlordane		
*Phenothrin		
*Piperonyl Butoxide		
*Prallethrin		
*Tau-Fluvalinate		
*Tetramethrin		

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
*Trans-Nonachlor *Triclosan Methyl Aldrin Alpha-BHC Alpha-Chlordane Beta-BHC Carbophenothion Chlorothalonil Cypermethrin DDD-p,p' DDE-p,p' DDT-p,p' Delta-BHC Dicofol Dieldrin Endosulfan I Endosulfan II Endosulfan Sulfate Endrin Endrin Aldehyde Endrin Ketone Gamma-BHC Gamma-Chlordane Heptachlor Heptachlor Epoxide Hexachlorobenzene Methoxychlor Mirex Permethrin Trifluralin		

Bottle Group C (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Escherichia Coli-Quanti-Tray		
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Chlordane Toxaphene		
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Acesulfame K AMPA Endothall Glufosinate Glyphosate Sucralose		
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
2,4-D 2,4,5-T Acetaminophen Acetamiprid Afidopyropen Bentazon Benzovindiflupyr Carbamazepine Clothianidin Dinotefuran Diuron Fenuron		

Bottle Group C (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Fluridone		
Hydrocodone		
Ibuprofen		
Imazapyr		
Imidacloprid		
Linuron		
Mandestrobin		
MCPP		
Naproxen		
Primidone		
Pyraclostrobin		
Silvex		
Thiamethoxam		
Tolfenpyrad		
Triclopyr		
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		
W-ICP	Template: SMP-FRESH	(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		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(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		
Barium		
Beryllium		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
PCB-1016		
PCB-1221		
PCB-1232		
PCB-1242		
PCB-1248		
PCB-1254		
PCB-1260		
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
*Beta-Cyfluthrin		
*Bifenthrin		

Bottle Group C (Water) With 1 Samples:

Bottle Type:	W-PCL-TQ-R	Template: DEFAULT	Number of Bottles:	(EPA 8270E)	Preserved With:	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
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*Cis-Nonachlor
 *Dacthal
 *Deltamethrin
 *Dichlobenil
 *Esfenvalerate
 *Ethalfuralin
 *Fenpropathrin
 *Kepone
 *Lambda-Cyhalothrin
 *Methoprene
 *MGK-264
 *Oxychlordane
 *Phenothrin
 *Piperonyl Butoxide
 *Prallethrin
 *Tau-Fluvalinate
 *Tetramethrin
 *Trans-Nonachlor
 *Triclosan Methyl
 Aldrin
 Alpha-BHC
 Alpha-Chlordane
 Beta-BHC
 Carbophenothion
 Chlorothalonil
 Cypermethrin
 DDD-p,p'
 DDE-p,p'
 DDT-p,p'
 Delta-BHC
 Dicofol
 Dieldrin
 Endosulfan I
 Endosulfan II
 Endosulfan Sulfate
 Endrin
 Endrin Aldehyde
 Endrin Ketone
 Gamma-BHC
 Gamma-Chlordane
 Heptachlor
 Heptachlor Epoxide
 Hexachlorobenzene
 Methoxychlor
 Mirex
 Permethrin
 Trifluralin

Bottle Group D (Water) With 1 Samples:

Bottle Type:	ALKALINITY	Template: DEFAULT	Number of Bottles:	0	Preserved With:	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
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Total Alkalinity

Bottle Type:	CHLSUITE-W	Template: DEFAULT	Number of Bottles:	(SM 10200 H (mod.))	Preserved With:	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
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Chlorophyll-a, Corrected
 Chlorophyll-a, Uncorrected
 Phaeophytin-a

Bottle Type:	ECOLI-18QT	Template: DEFAULT	Number of Bottles:	(SM 9223 B Quanti-Tray)	Preserved With:	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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Escherichia Coli-Quanti-Tray

Bottle Group D (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
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	(DEP SOP: NU-094-1) 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-NH3 Ammonia-N	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3 NO2NO3-N	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-PO4-F O-Phosphate-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
W-S-A-TP Total-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
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-TKN Kjeldahl Nitrogen	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC Organic Carbon	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon 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 Group E (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
ECOLI-18QT Escherichia Coli-Quanti-Tray	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
PCR-BACR *BacR-qPCR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3 *DG3-qPCR	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183 *HF183-qPCR	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
W-E8321-DI Acesulfame K AMPA Endothall Glufosinate Glyphosate Sucralose	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS 2,4-D 2,4,5-T Acetaminophen Acetamiprid Afidopyropen Bentazon Benzovindiflupyr Carbamazepine Clothianidin Dinotefuran	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group E (Water) With 1 Samples:

Bottle Type:	W-E8321-MS	Template: SMP	Number of Bottles: 0	Preserved With:
			(EPA 8321B)	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
	Diuron			
	Fenuron			
	Fluridone			
	Hydrocodone			
	Ibuprofen			
	Imazapyr			
	Imidacloprid			
	Linuron			
	Mandestrobin			
	MCPP			
	Naproxen			
	Primidone			
	Pyraclostrobin			
	Silvex			
	Thiamethoxam			
	Tolfenpyrad			
	Triclopyr			

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