

Date of Request: 18-APR-2022
 Created By: PARRISH_J On: 18-APR-2022
 Modified By: PARRISH_J On: 18-APR-2022
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: St.Augustine

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@floridadep.gov

Priority: 3
 Event Status: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 09-MAY-2022
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: YES
 Date to Receive Samples: 23-MAY-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@floridadep.gov

Comments: Group A: (Surf-Salt) Nutrients, Metals, Bacteria
 sites(G5NE0604,G5NE0603,27010088)

 Group B:(Surf.Fresh)Pesticide, Bacteria, Markers
 sites(27010059, G2NE1216)

 Group C:(Surf.-Salt)Nutrients, Bacteria
 (27010056)

NE-DIV-ENQ
 NE-DIV-ECQ
 Packing Notes:

*****ADD CARB-AA PRESERVATIVE*****

Bottle Group A (Water) With 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ALKALINITY Template: DEFAULT	(SM 2320 B-2011)	Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
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		
NE-DIV-ENQ Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
Enterococci-Quanti-Tray		
TURBIDITY Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
Turbidity		
W-F Template: DEFAULT	(SM 4500-F- C-2011)	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
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

Bottle Group A (Water) With 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
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-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		
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Collert/QT by Diversified Environmental Laboratories in Jacksonville
Escherichia Coli-Quanti-Tray		
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
*BacR-qPCR		
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
*DG3-qPCR		
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
*HF183-qPCR		
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
3-Hydroxycarbofuran		
Aldicarb		
Aldicarb Sulfone		
Aldicarb Sulfoxide		

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-CARB-AA Carbaryl Carbofuran Methiocarb Methomyl Oxamyl Propoxur	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
W-CT-CI-R Chlordane Toxaphene	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
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-PCB-TQ-R PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R *Beta-Cyfluthrin *Bifenthrin *Cis-Nonachlor *Dacthal *Deltamethrin	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group B (Water) With 2 Samples:

Bottle Type: W-PCL-TQ-R Number of Bottles: Template: DEFAULT Preserved With: (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

*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
 Dicofof
 Dieldrin
 Endosulfan I
 Endosulfan II
 Endosulfan Sulfate
 Endrin
 Endrin Aldehyde
 Endrin Ketone
 Gamma-BHC
 Gamma-Chlordane
 Heptachlor
 Heptachlor Epoxide
 Hexachlorobenzene
 Methoxychlor
 Mirex
 Permethrin
 Trifluralin

W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

*Azoxystrobin
 *Caffeine
 *Carfentrazone Ethyl
 *Chlorfenapyr
 *Coumaphos
 *Cyprodinil
 *Difenoconazole
 *Dimethenamid
 *Dimethomorph
 *Dithiopyr
 *Etridiazole
 *Fenbuconazole
 *Fipronil Desulfinyl
 *Fluazifop-P-butyl

Bottle Group B (Water) With 2 Samples:

Bottle Type: W-PSNP-TQ Number of Bottles: Preserved With:
 Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

*Fludioxonil
 *Flumioxazin
 *Flutolanil
 *Fluxapyroxad
 *Imazalil
 *Iprodione
 *Loratadine
 *Myclobutanil
 *Naled
 *Napropamide
 *Oxyfluorfen
 *Phenytoin
 *Prodiamine
 *Pronamide
 *Propanil
 *Propargite
 *Propiconazole
 *Pyraflufen Ethyl
 *Pyridaben
 *Pyriproxyfen
 *Stiropfos
 *Sulfentrazone
 *Tebuconazole
 *Thiobencarb
 *Triadimefon
 Acetochlor
 Alachlor
 Ametryn
 Atrazine
 Atrazine Desethyl
 Azinphos Methyl
 Bromacil
 Butylate
 Carbofenothion
 Chlorpyrifos Ethyl
 Chlorpyrifos Methyl
 Cyanazine
 Demeton
 Diazinon
 Disulfoton
 EPTC
 Ethion
 Ethoprop
 Fenamiphos
 Fipronil
 Fipronil Sulfide
 Fipronil Sulfone
 Fonofos
 Hexazinone
 Malathion
 Metalaxyl
 Metolachlor
 Metribuzin
 Mevinphos
 Molinate
 Norflurazon
 Oxadiazon
 Parathion Ethyl
 Parathion Methyl

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-PSNP-TQ Pendimethalin Phorate Prometon Prometryn Simazine Terbufos Terbuthylazine	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R *Avobenzone *Octinoxate *Oxybenzone	Template: DEFAULT	(EPA 8270E) Analysis of Sunscreen Compounds in Water by GC/MS-SIM

Bottle Group C (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
NE-DIV-ENQ Enterococci-Quanti-Tray	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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-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

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