

Date of Request: 12-AUG-2022
 Created By: PARRISH_J On: 12-AUG-2022
 Modified By: JASROTIA_P On: 17-AUG-2022
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: Moses Creek 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@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 17-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 17-AUG-2022
 Sampling Kit Required: YES Ship on: 26-AUG-2022
 Sampling Kit Shipped: YES On: 24-AUG-2022
 Sampling Kit Packed By: GIVENS_G
 Preservatives Needed: YES
 Date to Receive Samples: 05-SEP-2022
 Logged In By: ROBERTS_Z On: 09-SEP-2022

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.-Salt) Nutrients, Bacteria
 SITE(G5NE0004)
 Group B: (Surf-Fresh) Pesticides, Bacteria
 site(27010050)
 Group C: (Surf-Salt) Bacteria
 site(G5NE0589)
 Group D: (Surf.Salt) Nutrient, Metal, Bacteria
 site(27010055)
 Group E: (Blank)-Pesticides

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Buffer Solution for W-CARB-AA Bottle Needed

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W-TR-SQ-R (sunscreen)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

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1 box of H2So4

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
Total Alkalinity		
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-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		

Bottle Group A (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-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
Enterococci-Quanti-Tray		
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by Diversified Environmental Laboratories in Jacksonville
Fecal Coliforms-Membrane Filter		
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 Group B (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
*Caffeine		
*Fipronil Desulfinyl		
*Loratadine		
*Phenytoin		
Acetochlor		
Alachlor		
Ametryn		
Atrazine		
Atrazine Desethyl		
Azinphos Methyl		
Azoxystrobin		
Bromacil		
Butylate		
Carbophenothion		
Carfentrazone Ethyl		
Chlorfenapyr		
Chlorpyrifos Ethyl		
Chlorpyrifos Methyl		
Coumaphos		
Cyanazine		
Cyprodinil		
Demeton		
Diazinon		
Difenoconazole		
Dimethenamid		
Dimethomorph		
Disulfoton		
Dithiopyr		
EPTC		
Ethion		
Ethoprop		
Etridiazole		
Fenamiphos		
Fenbuconazole		

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Fipronil Fipronil Sulfide Fipronil Sulfone Fluazifop-P-butyl Fludioxonil Flumioxazin Flutolanil Fluxapyroxad Fonofos Hexazinone Imazalil Iprodione Malathion Metalaxyl Metolachlor Metribuzin Mevinphos Molinate Myclobutanil Naled Napropamide Norflurazon Oxadiazon Oxyfluorfen Parathion Ethyl Parathion Methyl Pendimethalin Phorate Prodiamine Prometon Prometryn Pronamide Propanil Propargite Propiconazole Pyraflufen Ethyl Pyridaben Pyriproxyfen Simazine Stirophos Sulfentrazone Tebuconazole Terbufos Terbutylazine Thiobencarb Triadimefon		
W-TR-SQ-R	Template:	(EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM
*Avobenzene *Octinoxate *Oxybenzone		
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville
Escherichia Coli-Quanti-Tray		
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: CH ₂ ClCOOH and Ice
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
3-Hydroxycarbofuran Aldicarb Aldicarb Sulfone		

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH₂ClCOOH and Ice
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Aldicarb Sulfoxide
 Carbaryl
 Carbofuran
 Methiocarb
 Methomyl
 Oxamyl
 Propoxur

Bottle Type: BG-500ML FILL TO 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

Chlordane
 Toxaphene

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: (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

*Hexachlorobenzene
 Aldrin
 Alpha-BHC
 Alpha-Chlordane
 Beta-BHC
 Beta-Cyfluthrin
 Bifenthrin
 Carbophenothion
 Chlorothalonil
 Cis-Nonachlor
 Cypermethrin
 Dacthal
 DDD-p,p'
 DDE-p,p'
 DDT-p,p'
 Delta-BHC
 Deltamethrin
 Dichlobenil
 Dicofof
 Dieldrin
 Endosulfan I
 Endosulfan II
 Endosulfan Sulfate
 Endrin
 Endrin Aldehyde
 Endrin Ketone
 Esfenvalerate
 Ethalfluralin
 Fenpropathrin
 Gamma-BHC
 Gamma-Chlordane
 Heptachlor
 Heptachlor Epoxide
 Kepone
 Lambda-Cyhalothrin
 Methoprene
 Methoxychlor
 MGK-264

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 Preserved With: ICE
 W-PCL-TQ-R Template: (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
 Mirex
 Oxychlordane
 Permethrin
 Phenothrin
 Piperonyl Butoxide
 Prallethrin
 Tau-Fluvalinate
 Tetramethrin
 Trans-Nonachlor
 Triclosan Methyl
 Trifluralin

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
 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
 Fluridone
 Hydrocodone
 Ibuprofen
 Imazapyr
 Imidacloprid
 Linuron
 Mandestrobin
 MCPP
 Naproxen
 Primidone
 Pyraclostrobin
 Silvex
 Thiamethoxam
 Tolfenpyrad
 Triclopyr

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
 NE-DIV-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
 Enterococci-Quanti-Tray

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
 NE-DIV-FC Template: DEFAULT (SM 9222 D) Fecal coliforms by MF by Diversified Environmental Laboratories in Jacksonville
 Fecal Coliforms-Membrane Filter

Bottle Group D (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

Bottle Group D (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 CaCO ₃ /L
Total Alkalinity		
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-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
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-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
Enterococci-Quanti-Tray		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
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		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO ₂ NO ₃ -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 Group E (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH₂ClCOOH and Ice
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

3-Hydroxycarbofuran
 Aldicarb
 Aldicarb Sulfone
 Aldicarb Sulfoxide
 Carbaryl
 Carbofuran
 Methiocarb
 Methomyl
 Oxamyl
 Propoxur

Bottle Type: BG-500ML FILL TO 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

Chlordane
 Toxaphene

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

*Hexachlorobenzene
 Aldrin
 Alpha-BHC
 Alpha-Chlordane
 Beta-BHC
 Beta-Cyfluthrin
 Bifenthrin
 Chlorothalonil
 Cis-Nonachlor
 Cypermethrin
 Dacthal
 DDD-p,p'
 DDE-p,p'
 DDT-p,p'
 Delta-BHC
 Deltamethrin
 Dichlobenil
 Dicofol
 Dieldrin
 Endosulfan I
 Endosulfan II
 Endosulfan Sulfate
 Endrin
 Endrin Aldehyde
 Endrin Ketone
 Esfenvalerate
 Ethalfuralin
 Fenpropathrin
 Gamma-BHC
 Gamma-Chlordane
 Heptachlor
 Heptachlor Epoxide
 Kepone
 Lambda-Cyhalothrin
 Methoprene

Bottle Group E (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO Number of Bottles: 2 Preserved With: ICE
 W-PCL-TQ-R Template: DEFAULT (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
 Methoxychlor
 MGK-264
 Mirex
 Oxychlordane
 Permethrin
 Phenothrin
 Piperonyl Butoxide
 Prallethrin
 Tau-Fluvalinate
 Tetramethrin
 Trans-Nonachlor
 Triclosan Methyl
 Trifluralin

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
 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
 Fluridone
 Hydrocodone
 Ibuprofen
 Imazapyr
 Imidacloprid
 Linuron
 Mandestrobin
 MCPP
 Naproxen
 Primidone
 Pyraclostrobin
 Silvex
 Thiamethoxam
 Tolfenpyrad
 Triclopyr

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE
 W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
 *Caffeine
 *Fipronil Desulfinyl
 *Loratadine
 *Phenytoin
 Acetochlor
 Alachlor
 Ametryn
 Atrazine

Bottle Group E (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Atrazine Desethyl
 Azinphos Methyl
 Azoxystrobin
 Bromacil
 Butylate
 Carbophenothion
 Carfentrazone Ethyl
 Chlorfenapyr
 Chlorpyrifos Ethyl
 Chlorpyrifos Methyl
 Coumaphos
 Cyanazine
 Cyprodinil
 Demeton
 Diazinon
 Difenoconazole
 Dimethenamid
 Dimethomorph
 Disulfoton
 Dithiopyr
 EPTC
 Ethion
 Ethoprop
 Etridiazole
 Fenamiphos
 Fenbuconazole
 Fipronil
 Fipronil Sulfide
 Fipronil Sulfone
 Fluzifop-P-butyl
 Fludioxonil
 Flumioxazin
 Flutolanil
 Fluxapyroxad
 Fonofos
 Hexazinone
 Imazalil
 Iprodione
 Malathion
 Metalaxyl
 Metolachlor
 Metribuzin
 Mevinphos
 Molinate
 Myclobutanil
 Naled
 Napropamide
 Norflurazon
 Oxadiazon
 Oxyfluorfen
 Parathion Ethyl
 Parathion Methyl
 Pendimethalin
 Phorate
 Prodiamine
 Prometon
 Prometryn
 Pronamide
 Propanil

Bottle Group E (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Propargite		
Propiconazole		
Pyraflufen Ethyl		
Pyridaben		
Pyriproxyfen		
Simazine		
Stirophos		
Sulfentrazone		
Tebuconazole		
Terbufos		
Terbuthylazine		
Thiobencarb		
Triadimefon		
W-TR-SQ-R	Template: DEFAULT	(EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM
*2-Ethylhexyl 2,3,4,5-tetrabromobenzoate (EHTBB)		
*Avobenzene		
*Dechlorane Plus		
*Octinoxate		
*Oxybenzone		
*PBDE-47		
*PBDE-99		
*Tri-o-cresyl Phosphate		

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