

Date of Request: 06-MAR-2023
 Created By: MUSSON_C On: 06-MAR-2023
 Modified By: MUSSON_C On: 06-MAR-2023
 Customer: WAS-SECT
 Project: BMAP
 Division:
 District:
 Event Description: Merrit's Mill Pond BMAP

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Curtis Musson
 Cooler Ship EMail: Curtis.Musson@dep.state.fl.us

Priority: 3
 Event Status: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 06-MAR-2023
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 20-MAR-2023
 Logged In By:

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Curtis Musson
 Report Notification EMail: curtis.musson@dep.state.fl.us

Comments: Group A: Nutrients, Metals, Tracers x5

Packing Notes:
 No Fedex Labels
 No Trash Bags

Sampling Note:
 Group A: 5 sties
 Group B: Blank

Sites: US of Dam, Mid under PWR Lines, Hole in the wall, twin Cave, shangri la

Bottle Group A (Water) With 5 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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
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-E8321-DI Acesulfame K AMPA Endothall Glufosinate Glyphosate	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group A (Water) With 5 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-E8321-DI 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-HARD Hardness	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
W-ICP Calcium Iron Magnesium Potassium Sodium Strontium Tin Titanium Vanadium Zinc	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
W-ICPMS Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Lead	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Bottle Group A (Water) With 5 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
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
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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-2015) Total Dissolved Solids in aqueous matrices
TDS		
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-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
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		

Bottle Group B (Water) With 1 Samples:

Bottle Type:	W-E8321-MS	Template: SMP	Number of Bottles: 1	Preserved With: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
	Silvex			
	Thiamethoxam			
	Tolfenpyrad			
	Triclopyr			
Bottle Type:	ALKALINITY	Template: DEFAULT	Number of Bottles: 0	Preserved With: (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	(DEP SOP: NU-094-1)	True Color measured at 450 nm (not valid for NPDES monitoring)
	Color (true)			
	W-HARD	Template: DEFAULT	(SM 2340 B-2011)	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
	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
	Aluminum			
	Antimony			
	Arsenic			
	Barium			
	Beryllium			
	Boron			
	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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
	O-Phosphate-P			
	W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Total Phosphorus in aqueous matrices as mg P/L
	Total-P			
	W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Sulfate in aqueous matrices
	Sulfate			
	W-TDS	Template: DEFAULT	(SM 2540 C-2015)	Total Dissolved Solids in aqueous matrices
	TDS			
	W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0)	Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 0	Preserved With:
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-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample