Florida Department of Environmental Protection

Central Laboratory Sample Submittal Form

Event ID *

Request Number: RQ-2011-04-04-06
Merritts Mill Springs

Customer: WTRSHD-MGT
Project ID: SPG_QTR_WQ
PMAS:

Requester: Kathryn Brackett
Collected By: Andy Roach
Sampling Agency: 8025
Field Report Prepared By: A. Roach
Send Final Report To: Kathryn Holland

Lab ID *
Location: Jackson Blue Spring
Field ID: 5042
Matrix (include type e.g. Salt, Fresh, etc): fresh water
Temp (C): 20.2
pH: 7.6
Latitude: — ☐ dd ☐ dms
Longitude: — ☐ dd ☐ dms
☐ Comp ☒ Grab
Collection (begin) Date: 4/25/11 Time: 1226 (Eastern) Central
Collection (end) Date: Time: Eastern Central
Tot Res Chlorine (mg/L): —
Diss Oxygen (mg/L): 7.50
Storet Station Number: —
Sample Depth: — ☐ m ☐ ft
☐ Salinity (PPTh) ☒ Sp Conductance (umho/cm): 257
NPDES Number: —
Comments:
Bottle Group(s)**: A

Lab ID *
Location: Shangri La Spring
Field ID: 8665
Matrix (include type e.g. Salt, Fresh, etc): fresh water
Temp (C): 20.2
pH: 7.6
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☐ Comp ☒ Grab
Collection (begin) Date: 4/25/11 Time: 1415 (Eastern) Central
Collection (end) Date: Time: Eastern Central
Tot Res Chlorine (mg/L): —
Diss Oxygen (mg/L): 7.04
Storet Station Number: —
Sample Depth: — ☐ m ☐ ft
☐ Salinity (PPTh) ☒ Sp Conductance (umho/cm): 258
NPDES Number: —
Comments:
Bottle Group(s)**: A

Lab ID *
Location: Gator Hole Spring
Field ID: 8667
Matrix (include type e.g. Salt, Fresh, etc): fresh water
Temp (C): 19.5
pH: 7.5
Latitude: — ☐ dd ☐ dms
Longitude: — ☐ dd ☐ dms
☐ Comp ☒ Grab
Collection (begin) Date: 4/25/11 Time: 1520 (Eastern) Central
Collection (end) Date: Time: Eastern Central
Tot Res Chlorine (mg/L): —
Diss Oxygen (mg/L): 6.57
Storet Station Number: —
Sample Depth: — ☐ m ☐ ft
~~1.0~~ 0.319 ☐ Salinity (PPTh) ☒ Sp Conductance (umho/cm)
NPDES Number: —
Comments:
Bottle Group(s)**: A

Lab ID *
Location:
Field ID:
Matrix (include type e.g. Salt, Fresh, etc):
Temp (C):
pH:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☐ Comp ☐ Grab
Collection (begin) Date: Time: Eastern Central
Collection (end) Date: Time: Eastern Central
Tot Res Chlorine (mg/L):
Diss Oxygen (mg/L):
Storet Station Number:
Sample Depth: ☐ m ☐ ft
☐ Salinity (PPTh) ☐ Sp Conductance (umho/cm):
NPDES Number:
Comments:
Bottle Group(s)**:

Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	4/26/11 0845	Deliver	[signature]	4/26/11 0845				

* Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-ALK						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP						
	W-ICPMS						

Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						

Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
	W-SI-ICP-F						

RQ-2011-04-04-06

Date of Request: 19-JAN-2011
Created By: BRACKETT_K On: 19-JAN-2011
Modified By: BRACKETT_K On: 04-APR-2011
Customer: WTRSHD-MGT
Project: SPG_QTR_WQ
Division:
District:
Sampling Event: Merritts Mill Springs

Send Coolers To:

Phone: (850) 245-8672
2600 Blair Stone Rd.

Tallahassee, FL 32399-2400
Attn: Kris Barrios - will pick up kit

Send Final Report To:

2600 Blair Stone Rd.

Tallahassee, FL 32399-2400
Attn: Kathryn Holland

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: BRACKETT_K On: 14-MAR-2011
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 21-MAR-2011
Sampling Kit Shipped: YES On:
Sampling Kit Packed By: RUSH_F
Date to Receive Samples: 04-APR-2011
Received By: SHAIK_A On: 26-APR-2011

Report Type: Final Only
FTP Data: YES
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: Customer will pick up kit.

Suite A (Water) With 7 Samples:

Bottle Type: P-1L Number of Bottles: 7 Preserved With: ICE

W-ALK	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: NO_MATCH	(SM 2120 B) True Color measured at 450 nm or Apparent Color
Color (apparent)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: P-500ML Number of Bottles: 7 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
Aluminum		
Boron		
Calcium		
Iron		
Magnesium		
Manganese		
Potassium		
Sodium		
Strontium		
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
Arsenic		
Barium		

Bottle Type: P-500ML Number of Bottles: 7 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Low Level Total Phosphorus in fresh water matrices

Suite A (Water) With 7 Samples:

Bottle Type: P-500ML Number of Bottles: 7 Preserved With: ICE And H2SO4

W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 7 Preserved With: ICE-FLTR

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
W-SI-ICP-F	Template: DEFAULT	(EPA 200.7 Rev. 4.4) Silica, dissolved, in field filtered, aqueous matrices as mg SiO2/L
Silica		

Log-in Checklist

RQ- 2011-04-04-06

Shipping Method: H D. **Date/Time of Receipt:** 4-26-11 / 0845

COOLER CHECK

Cooler ID	Cooler Temp.	Evidence Tape				No. Sample Containers in Cooler	Tracking # (fill out only if waybill copy can't be place in folder)
		Present?		*Intact?			
		Yes	No	Yes	No		
White	2.2 C		✓			15	3 Isotope Samples

If the temperature of a cooler is above 6.0 °C (or greater than 10.0 °C for W-1-4-DIOX) or an evidence seal is damaged then identify the bottles, in the affected cooler(s), on back of form.

CONTAINER CHECK

Evidence Tape on Bottles Present: Yes ____ No ✓ ____ *If Yes, is it intact: Yes ____ No ____

Condition of Containers:

*Caps on tight? Yes ✓ No ____ *Containers intact? Yes ✓ No ____

***Chain Of Custody/ Field Sheet(s) Included?** Yes ✓ No ____

***Acid Preserved Samples: pH ≤ 2 ?** Yes ✓ No ____ NA ____ ABB

***Base Preserved Samples: pH ≥ 12 or 9?** Yes ____ No ____ NA ✓ ____
(W-CN, OV-CN - pH ≥ 12), (W-SULFDE-F, W-SULFIDE - pH ≥ 9)

S-VOC-MS: samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes ____ No ____

If yes, place in freezer immediately upon receipt. Date/Time Placed in Freezer: ____

Was every sample placed in freezer within 48 hours of collection? Yes ____ No ____

*If no, were samples shipped on dry ice? Yes ____ No ____

***Preserved Samples for W-1-4-DIOX- pH<4?** Yes ____ No ____ NA ____

***Samples for W-1-4-DIOX- Samples free of chlorine?** Yes ____ No ____ NA ____

***Sample Volume Sufficient:** Yes ✓ No ____

Coolers Unpacked/Checked by: ABB **Date:** 4/26/11 **NCRs (y/n)?** ____

Event ID: Merritts Mill Springs WTRSHD-MGT-2011-04-26-01 (SPG_QTR_WQ) **NCR #** ____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

*Samples Preserved within 48 hours? Yes ____ No ____

Date/Time samples preserved: ____

* If "No" is checked then fill out the back of this form with the details (field ID, test IDs, etc.) and generate an NCR.

Log-in Checklist

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evid.Tape Not Intact
			CK	BR	CK	BR	

Samples With Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples With Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

CK - Cracked, BR - Broken