



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATERSHED MONITORING PROGRAM
SAMPLE CUSTODY RECORD

RQ-2013-08-19-37

Shipping Date:

8/29/13 10:30

January 2013

SAMPLING AGENCY:		PROJECT:	SAMPLER NAMES:	SHIPPING METHOD: (circle or fill in)	LAB PROJECT CODE
8034		MSFNS	Blair/Eckles	FedEx Greyhound Hand Delivered by: Blair/Eckles Other Method:	Circle one** GW-TREND GW-STATUS
STATION IDENTIFIER		SAMPLE INFORMATION			PRESERVATION
1	Spring EQ Blank Station ID #1 Station Name	Sample Date: 8-28-13 Sample Time: 10:30 (circle one) ETZ or CTZ Matrix: Water Temp: 1 °C Sp. Cond: 1 µmhos/cm DO: 1 % 1 mg/L pH: 1 SU Comments:			Ice? ☒ Y / N / NA pH acid <2 SU? ☒ Y / N / NA
2	Blue Spring Station ID Station Name	Sample Date: 8-28-13 Sample Time: 11:11 (circle one) ETZ or CTZ Matrix: Water Temp: 22.9 °C Sp. Cond: 383 µmhos/cm DO: 55.2 % 4.74 mg/L pH: 6.9 SU Comments:			Ice? ☒ Y / N / NA pH acid <2 SU? ☒ Y / N / NA
3	Blue Spring Station ID Duplicate Station Name	Sample Date: 8-28-13 Sample Time: 11:11 (circle one) ETZ or CTZ Matrix: Water Temp: 22.9 °C Sp. Cond: 383 µmhos/cm DO: 55.2 % 4.74 mg/L pH: 6.9 SU Comments:			Ice? ☒ Y / N / NA pH acid <2 SU? ☒ Y / N / NA
4	Station ID Station Name	Sample Date: Sample Time: (circle one) ETZ or CTZ Matrix: Water Temp: °C Sp. Cond: µmhos/cm DO: % mg/L pH: SU Comments:			Ice? Y / N / NA pH acid <2 SU? Y / N / NA
5	Station ID Station Name	Sample Date: Sample Time: (circle one) ETZ or CTZ Matrix: Water Temp: °C Sp. Cond: µmhos/cm DO: % mg/L pH: SU Comments:			Ice? Y / N / NA pH acid <2 SU? Y / N / NA
6	Station ID Station Name	Sample Date: Sample Time: (circle one) ETZ or CTZ Matrix: Water Temp: °C Sp. Cond: µmhos/cm DO: % mg/L pH: SU Comments:			Ice? Y / N / NA pH acid <2 SU? Y / N / NA

** Selected project corresponds directly with analytes listed on the back of this sheet. Analytes and sample containers are submitted as listed, per site, unless otherwise noted in the comment section above.

GROUND WATER TREND NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Nutrients	W-NO2NO3, W-NH3, W-TKN, W-S-A-TP, W-TOC	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus, Total Organic Carbon	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP W-ICPMS W-HARD	As, Cd, Cu, Pb, Zn, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	TURBIDITY, W-COLOR, W-TDS, W-ALK, W-CL-IC, W-COND, W-F, W-SO4-IC	Turbidity, Color (true), Total Dissolved Solids, Alkalinity, Chloride, Specific Conductance, Fluoride, Sulfate	(1) 1 liter plastic	Unfiltered; chill to ≤6°C
Bacteria	TCOLI-MF, FCOLI-MF	Total Coliform Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to ≤6°C
Ortho-Phosphate	W-PO4-F	Ortho-Phosphate	(1) 125 ml plastic	Filtered (.45µm); chill to ≤6°C

For the October GROUND WATER TREND NETWORK (GWTN) sampling event, the following analytes/bottles will be submitted:

Nutrients	W-NO2NO3-F, W-NH3-F, W-TKN-F, W-S-A-TP-F	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus (ALL FILTERED)	(1) 500 ml plastic	Filtered (.45µm); H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP-F W-ICPMS-F	As, Cd, Cu, Pb, Zn, Ca, K, Na, Mg (ALL FILTERED)	(1) 125 ml plastic	Filtered (.45µm); HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	W-ALK-F, W-CL-IC-F, W-F-F, W-SO4-IC-F, W-PO4-F	Alkalinity, Chloride, Fluoride, Sulfate, Ortho Phosphate (ALL FILTERED)	(1) 500 ml plastic	Filtered (.45µm); chill to ≤6°C

- The (1) 125 ml plastic bottle for the ortho-phosphate will not be used during the month of October.
- For the (1) 500 ml plastic metals bottle, the additional analytes will be added in October: W-ICP (Al, Cr, Fe, Mn, Mo, Zn) and W-ICPMS (As, Cd, Cu, Pb).

GROUND WATER STATUS NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Nutrients	W-NO2NO3, W-NH3, W-TKN, W-S-A-TP, W-TOC	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus, Total Organic Carbon	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP W-ICPMS W-HARD	As, Cd, Cu, Pb, Zn, Al, As, Ca, Cd, Cr, Cu, Fe, K, Pb, Mg, Mn, Mo, Na, Zn, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	W-CL-IC, W-SO4-IC, W-F, W-ALK, TURBIDITY, W-COLOR, W-TDS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Turbidity, Color (true), Total Dissolved Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to ≤6°C
Bacteria	TCOLI-MF, FCOLI-MF	Total Coliform Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to ≤6°C



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATERSHED MONITORING PROGRAM

SAMPLE CUSTODY RECORD

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Shipping Date: 8/29/13, 10:30

January 2013

SAMPLING AGENCY:		PROJECT:	SAMPLER NAMES:	SHIPPING METHOD: (circle or fill in)	LAB PROJECT CODE
8034		MSFNS	Blair/Eckles	FedEx Greyhound Hand Delivered by: <u>Blair/Eckles</u> Other Method: _____	Circle one** GW-TREND GW-STATUS
STATION IDENTIFIER		SAMPLE INFORMATION			PRESERVATION
1	<u>Devil's Eye</u> Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>12:17</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> Temp: <u>22.6</u> °C Sp. Cond: <u>407</u> umhos/cm DO: <u>37.0</u> % <u>3.19</u> mg/L pH: <u>7.1</u> SU Comments: _____			Ice? <u>Y</u> / N / NA pH acid < 2 SU? <u>Y</u> / N / NA
2	<u>Ginnie Spring</u> Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>13:01</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> Temp: <u>22.6</u> °C Sp. Cond: <u>348</u> umhos/cm DO: <u>49.1</u> % <u>4.24</u> mg/L pH: <u>7.2</u> SU Comments: _____			Ice? <u>Y</u> / N / NA pH acid < 2 SU? <u>Y</u> / N / NA
3	<u>Spring FLD-Blank</u> Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>13:24</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> Temp: <u>/</u> °C Sp. Cond: <u>/</u> umhos/cm DO: <u>/</u> % <u>/</u> mg/L pH: <u>/</u> SU Comments: _____			Ice? <u>Y</u> / N / NA pH acid < 2 SU? <u>Y</u> / N / NA
4	_____ Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> Temp: _____ °C Sp. Cond: _____ umhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? _____ Y / N / NA pH acid < 2 SU? _____ Y / N / NA
5	_____ Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> Temp: _____ °C Sp. Cond: _____ umhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? _____ Y / N / NA pH acid < 2 SU? _____ Y / N / NA
6	_____ Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> Temp: _____ °C Sp. Cond: _____ umhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? _____ Y / N / NA pH acid < 2 SU? _____ Y / N / NA

** Selected project corresponds directly with analytes listed on the back of this sheet. Analytes and sample containers are submitted as listed, per site, unless otherwise noted in the comment section above.

GROUND WATER TREND NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Nutrients	W-NO2NO3, W-NH3, W-TKN, W-S-A-TP, W-TOC	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus, Total Organic Carbon	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP W-ICPMS W-HARD	✓ Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	TURBIDITY, W-COLOR, W-TDS, W-ALK, W-CL-IC, W-COND, W-F, W-SO4-IC	Turbidity, Color (true), Total Dissolved Solids, Alkalinity, Chloride, Specific Conductance, Fluoride, Sulfate	(1) 1 liter plastic	Unfiltered; chill to ≤6°C
Bacteria	TCOLI-MF, FCOLI-MF	Total Coliform Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to ≤6°C
Ortho-Phosphate	W-PO4-F	Ortho-Phosphate	(1) 125 ml plastic	Filtered (.45μm); chill to ≤6°C

For the October GROUND WATER TREND NETWORK (GWTN) sampling event, the following analytes/bottles will be submitted:

Nutrients	W-NO2NO3-F, W-NH3-F, W-TKN-F, W-S-A-TP-F	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus (ALL FILTERED)	(1) 500 ml plastic	Filtered (.45μm); H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP-F W-ICPMS-F	✓ Ca, K, Na, Mg (ALL FILTERED)	(1) 125 ml plastic	Filtered (.45μm); HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	W-ALK-F, W-CL-IC-F, W-F-F, W-SO4-IC-F, W-PO4-F	Alkalinity, Chloride, Fluoride, Sulfate, Ortho Phosphate (ALL FILTERED)	(1) 500 ml plastic	Filtered (.45μm); chill to ≤6°C

- The (1) 125 ml plastic bottle for the ortho-phosphate will not be used during the month of October.
- For the (1) 500 ml plastic metals bottle, the additional analytes will be added in October: W-ICP (Al, Cr, Fe, Mn, Mo, Zn) and W-ICPMS (As, Cd, Cu, Pb).

GROUND WATER STATUS NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Nutrients	W-NO2NO3, W-NH3, W-TKN, W-S-A-TP, W-TOC	Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus, Total Organic Carbon	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to ≤6°C
Metals	W-ICP W-ICPMS W-HARD	✓ Al, As, Ca, Cd, Cr, Cu, Fe, K, Pb, Mg, Mn, Mo, Na, Zn, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to ≤6°C
Anions	W-CL-IC, W-SO4-IC, W-F, W-ALK, TURBIDITY, W-COLOR, W-TDS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Turbidity, Color (true), Total Dissolved Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to ≤6°C
Bacteria	TCOLI-MF, FCOLI-MF	Total Coliform Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to ≤6°C



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SAMPLE CUSTODY RECORD

Jan 8/29/13 10:30

RQ-2013-08-19-37

SAMPLING AGENCY:		PROJECT:	SAMPLER NAMES:	Shipping Date:	LAB PROJECT CODE:	
8034		MSFNS	Blair/Eckles	FedEx: _____ Greyhound _____ Hand Delivered by: <u>Blair/Eckles</u> Other Method: _____	January 2013 Circle one** SW-TREND SW - STATUS LAKES SW - STATUS STREAMS/RIVERS/ CANALS	
STATION IDENTIFIER	SAMPLE INFORMATION			PRESERVATION		
1	Twin Spring Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>13:52</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: <u>24.2</u> °C Sp. Cond: <u>307</u> µmhos/cm DO: <u>26.1</u> % <u>2.19</u> mg/L pH: <u>7.4</u> SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	
2	SW Blank 1 Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>15:00</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	
3	Santa Fe @ FTW USFS Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>15:25</u> (circle one) <u>ETZ</u> or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: <u>24.4</u> °C Sp. Cond: <u>259</u> µmhos/cm DO: <u>50.2</u> % <u>4.19</u> mg/L pH: <u>7.2</u> SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	
4	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	
5	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	
6	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) _____ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y</u> /N/NA pH acid < 2 SU? <u>Y</u> /N/NA SCI w/ formalin? <u>Y</u> /N/NA	

** Selected project corresponds directly with analytes listed on the back of this sheet. Analytes and sample containers are submitted as listed, per site, unless otherwise noted in the comment section above.

SURFACE WATER TREND NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Amion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W- TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$

SURFACE WATER STATUS NETWORK CONTAINER INVENTORY (LAKES)

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Amion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W-TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Sediments	S-CH3BG, S-ICP-TO, S-ICPMS-TO, S-JIG-H, S-TP, S-TKN, S-TOC, S-SO ₄ -IC	Methyl Mercury, Al, Fe, Ag, As, Cd, Cr, Cu, Pb, Ni, Zn, Hg, P, TKN, TOC, Sulfate	(1) 500 ml glass jar	Chill to $\leq 6^{\circ}\text{C}$

SURFACE WATER STATUS NETWORK CONTAINER INVENTORY (STREAMS/RIVERS/CANALS)

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Amion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W- TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpacks 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATERSHED MONITORING PROGRAM

SAMPLE CUSTODY RECORD

In 8/29/13 10:30

Shipping Date:

January 2013

SAMPLING AGENCY:		PROJECT:	SAMPLER NAMES:	SHIPPING METHOD (circle or fill in)	LAB PROJECT CODE
8034		MSFNS	Blair/Eckles	FedEx Greyhound Hand Delivered by: <u>Blair/Eckles</u> Other Method: _____	Circle one** SW-TREND SW - STATUS LAKES SW - STATUS STREAMS/RIVERS/ CANALS
STATION IDENTIFIER		SAMPLE INFORMATION			PRESERVATION
1	SW Blank 2 Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>16:00</u> (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: <u>1</u> °C Sp. Cond: <u>1</u> µmhos/cm DO: <u>1</u> % <u>1</u> mg/L pH: <u>1</u> SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>
2	Santa Fe @ 47 Bridge Station ID Station Name	Sample Date: <u>8-28-13</u> Sample Time: <u>16:10</u> (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: <u>24.3</u> °C Sp. Cond: <u>260</u> µmhos/cm DO: <u>52.8</u> % <u>4.42</u> mg/L pH: <u>7.2</u> SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>
3	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>
4	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>
5	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>
6	Station ID Station Name	Sample Date: _____ Sample Time: _____ (circle one) ETZ or CTZ Matrix: <u>Water</u> (circle one) Sediment Temp: _____ °C Sp. Cond: _____ µmhos/cm DO: _____ % _____ mg/L pH: _____ SU Comments: _____			Ice? <u>Y/N/NA</u> pH acid < 2 SU? <u>Y/N/NA</u> SCI w/ formalin? <u>Y/N/NA</u>

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SURFACE WATER TREND NETWORK CONTAINER INVENTORY

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Anion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W- TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpaks - 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$

SURFACE WATER STATUS NETWORK CONTAINER INVENTORY (LAKES)

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Anion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W-TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpaks - 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Sediments	S-CH ₃ Hg, S-ICP-TO, S-ICPMS-TO, S-Hg-HI, S-TP, S-TKN, S-TOC, S-SO ₄ -IC	Methyl Mercury, Al, Fe, Ag, As, Cd, Cr, Cu, Pb, Ni, Zn, Hg, P, TKN, TOC, Sulfate	(1) 500 ml glass jar	Chill to $\leq 6^{\circ}\text{C}$

SURFACE WATER STATUS NETWORK CONTAINER INVENTORY (STREAMS/RIVERS/CANALES)

CONTAINER	CODE	ANALYSES	DESCRIPTION	SAMPLE PREPARATION
Chlorophyll	CHLSUITE-W	Chlorophyll	(1) 1 liter opaque plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Nutrients	W-TOC, W-NO ₂ NO ₃ , W-NH ₃ , W-TKN, W-S-A-TP	Total Organic Carbon, Nitrite/Nitrate, Ammonia, TKN, Total Phosphorus	(1) 500 ml plastic	Unfiltered; H ₂ SO ₄ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Metals	W-ICP, W-ICPMS W-HARD	B, Ca, K, Na, Mg, Hardness	(1) 500 ml plastic	Unfiltered; HNO ₃ vial to pH < 2; chill to $\leq 6^{\circ}\text{C}$
Anion	W-Cl-IC, W-SO ₄ -IC, W-F, W-ALK, W-COLOR, TURBIDITY, W-TDS, W- TSS, W-COND	Chloride, Sulfate, Fluoride, Alkalinity, Color (true), Turbidity, Total Dissolved Solids, Total Suspended Solids, Specific Conductance	(1) 1 liter plastic	Unfiltered; chill to $\leq 6^{\circ}\text{C}$
Bacteria	ENT-24-MF, FCOLI-MF	Enterococci, Fecal Coliform	(2) Whirlpaks - 4 oz	Unfiltered; chill to $\leq 6^{\circ}\text{C}$

Printed: 8/30/2013 9:19:50 AM

Page 1 of 2

Date of Request: 01-AUG-2013
 Created By: MADDOX_G On: 01-AUG-2013
 Modified By: BRACKETT_K On: 06-AUG-2013
 Customer: WTRSHD-MGT
 Project: TMDL
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: SPRS1305 - Santa Fe Springs/GW Restoration

Send Coolers To:

Phone: (850) 245-8511
 2600 Blair Stone Rd.

Tallahassee, FL 32399-2400
 Attn: Gary Maddox

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: BRACKETT_K On: 06-AUG-2013
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 16-AUG-2013
 Sampling Kit Shipped: YES On: 14-AUG-2013
 Sampling Kit Packed By: RUSH_F
 Date to Receive Samples: 19-AUG-2013
 Received By: WHITE_I On: 29-AUG-2013

Send Final Report To:

2600 Blair Stone Rd.

Tallahassee, FL 32399-2400
 Attn: Gary Maddox

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

Comments: Include 3 small half filled bottles of 1:1 sulfuric acid and 3 small bottles of 1:1 nitric acid and pipets.
 Will pick up kits - Thanks!

Suite A (Water) With 38 Samples:

Bottle Type: P-1L	Number of Bottles: 38	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-ALK	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
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: 38	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
Boron		
Calcium		
Magnesium		
Potassium		
Sodium		
Bottle Type: P-500ML	Number of Bottles: 38	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) Total Phosphorus in aqueous matrices as mg P/L
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: 38	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
Bottle Type: BG-1L	Number of Bottles: 84	Preserved With: ICE

Suite A (Water) With 38 Samples:

Bottle Type: BG-1L Number of Bottles: 84 Preserved With: ICE
W-SUC-AA-R Template: DEFAULT (DEP SOP: LC-001-2 (based on EPA 8321B)) Analysis of sucralose in water matrices by
HPLC/MS/MS

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

Log-in Checklist

RQ-2013-08-19-37

Shipping Method: HD Date/Time of Receipt: 8/29/13, 10:30

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		2.1		/			18	
Blue		3.2		/			12	
White		2.9		/			12	
Red		3.2		/			18	

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 ☒ Yes

*Base Preserved Samples: pH ≥ 12 or 9? Yes ☐ No ☒ NA ☒ Yes
(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: Yes Date: 8/29/13 NCRs (y/n)? Y

Event ID: WTRSHD-MGT-2013-08-29-01 NCR # 4599

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
Spring Field - Blank	1529954	2.2	Sample was acidified in lab. <i>See</i>

Samples With Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

CK - Cracked, BR - Broken