

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-04-10-19

Page 1 of 4

Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

Field Report Prepared By: Ben Relys

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Relys, Phil Hannam

Loc: Black Creek upstream of Bloxham Cutoff STORET ↓ G1WA0023 Field ID → G1WA0023_04112017 Black Creek upstream of Bloxham Cu off April 11, 2017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u>8:30</u>	☒ Eastern ☐ Central	Collection (comp begin or grab) Date — Time —	Bottle Group(s) A
	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>8.11</u>			
	Temp (C) <u>16.98</u>	pH <u>3.78</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>54</u>	
	Salinity (ppt) <u>0.02</u>	Comments			
	Latitude (Decimal Degrees) <u>30.27792</u>		Longitude (Decimal Degrees) <u>-84.3858</u>		
Loc: Soapstone Branch 100 meters upstream of SR 375 STORET ↓ G1WA0012 Field ID → G1WA0012_04112017 Soapstone Branch 100 meters upstream of SR 375 April 11, 2017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u>9:00</u>	☒ Eastern ☐ Central	Collection (comp begin or grab) Date — Time —	Bottle Group(s) A
	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>8.25</u>			
	Temp (C) <u>16.23</u>	pH <u>4.30</u>	Sample Depts (m) <u>0.15</u>	Sp. Conductance (umho/cm) <u>46</u>	
	Salinity (ppt) <u>0.02</u>	Comments			
	Latitude (Decimal Degrees) <u>30.38625</u>		Longitude (Decimal Degrees) <u>-84.6355</u>		
Loc: Black Creek upstream of SR 375 STORET ↓ G1WA0047 Field ID → G1WA0047_04112017 Black Creek upstream of SR 375 April 11, 2017	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u>9:15</u>	☒ Eastern ☐ Central	Collection (comp begin or grab) Date — Time —	Bottle Group(s) C, D, E
	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>8.48</u>			
	Temp (C) <u>17.14</u>	pH <u>4.33</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>45</u>	
	Salinity (ppt) <u>0.02</u>	Comments			
	Latitude (Decimal Degrees) <u>30.325</u>		Longitude (Decimal Degrees) <u>-84.693</u>		

Sample collection time taken from sample container.

Relinquished By: Ben Relys

ME 4-11-17
7 E. Coli - 180

Date/Time 4/11/17

Number of Coolers 4

Received By: Q.A.

Date/Time 4/11/17 3:15

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-04-10-19

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Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

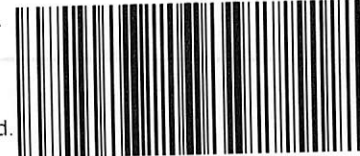
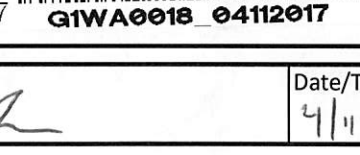
Field Report Prepared By: Ben Roke

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Roke Phil Homerson

Location: Juniper Creek upstream of Juniper Creek Rd. Field ID:  STORET ↓ Barcode: G1WA0059 Field ID:  Barcode: G1WA0059_04112017	<table border="1"> <tr> <td>☐ Comp</td> <td colspan="2">Collection (comp begin or grab)</td> <td colspan="2">Collection (comp begin or grab)</td> </tr> <tr> <td>☒ Grab</td> <td>Date <u>4/11/17</u></td> <td>Time <u>10:35</u></td> <td>Date <u>—</u></td> <td>Time <u>—</u></td> </tr> <tr> <td>Matrix (Salt, <u>Fresh</u>)</td> <td colspan="2">Diss. Oxygen (mg/L)</td> <td colspan="2"></td> </tr> <tr> <td>Temp (C) <u>16.73</u></td> <td>pH <u>6.03</u></td> <td>Sample Depts (m) <u>0.3</u></td> <td colspan="2">Sp. Conductance (umho/cm) <u>67</u></td> </tr> <tr> <td>Salinity (ppt) <u>0.03</u></td> <td colspan="4">Comments</td> </tr> <tr> <td colspan="2">Latitude (Decimal Degrees) <u>30.531</u></td> <td colspan="3">Longitude (Decimal Degrees) <u>-84.736</u></td> </tr> </table>	☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)		☒ Grab	Date <u>4/11/17</u>	Time <u>10:35</u>	Date <u>—</u>	Time <u>—</u>	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L)				Temp (C) <u>16.73</u>	pH <u>6.03</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>67</u>		Salinity (ppt) <u>0.03</u>	Comments				Latitude (Decimal Degrees) <u>30.531</u>		Longitude (Decimal Degrees) <u>-84.736</u>			Bottle Group(s): <u>C, D, E</u>
☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)																													
☒ Grab	Date <u>4/11/17</u>	Time <u>10:35</u>	Date <u>—</u>	Time <u>—</u>																												
Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L)																															
Temp (C) <u>16.73</u>	pH <u>6.03</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>67</u>																													
Salinity (ppt) <u>0.03</u>	Comments																															
Latitude (Decimal Degrees) <u>30.531</u>		Longitude (Decimal Degrees) <u>-84.736</u>																														
Location: Quincy Creek upstream of SR 65 Field ID:  STORET ↓ Barcode: G1WA0049 Field ID:  Barcode: G1WA0049_04112017	<table border="1"> <tr> <td>☐ Comp</td> <td colspan="2">Collection (comp begin or grab)</td> <td colspan="2">Collection (comp begin or grab)</td> </tr> <tr> <td>☒ Grab</td> <td>Date <u>4/11/17</u></td> <td>Time <u>11:20</u></td> <td>Date <u>—</u></td> <td>Time <u>—</u></td> </tr> <tr> <td>Matrix (Salt, <u>Fresh</u>)</td> <td colspan="2">Diss. Oxygen (mg/L) <u>8.89</u></td> <td colspan="2"></td> </tr> <tr> <td>Temp (C) <u>16.74</u></td> <td>pH <u>6.92</u></td> <td>Sample Depts (m) <u>0.3</u></td> <td colspan="2">Sp. Conductance (umho/cm) <u>74</u></td> </tr> <tr> <td>Salinity (ppt) <u>0.03</u></td> <td colspan="4">Comments</td> </tr> <tr> <td colspan="2">Latitude (Decimal Degrees) <u>30.599</u></td> <td colspan="3">Longitude (Decimal Degrees) <u>-84.576</u></td> </tr> </table>	☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)		☒ Grab	Date <u>4/11/17</u>	Time <u>11:20</u>	Date <u>—</u>	Time <u>—</u>	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>8.89</u>				Temp (C) <u>16.74</u>	pH <u>6.92</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>74</u>		Salinity (ppt) <u>0.03</u>	Comments				Latitude (Decimal Degrees) <u>30.599</u>		Longitude (Decimal Degrees) <u>-84.576</u>			Bottle Group(s): <u>B, C, D, F</u>
☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)																													
☒ Grab	Date <u>4/11/17</u>	Time <u>11:20</u>	Date <u>—</u>	Time <u>—</u>																												
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Temp (C) <u>16.74</u>	pH <u>6.92</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>74</u>																													
Salinity (ppt) <u>0.03</u>	Comments																															
Latitude (Decimal Degrees) <u>30.599</u>		Longitude (Decimal Degrees) <u>-84.576</u>																														
Location: Quincy Creek 100 meters upstream of Ralph Strong Rd. Field ID:  STORET ↓ Barcode: G1WA0018 Field ID:  Barcode: G1WA0018_04112017	<table border="1"> <tr> <td>☐ Comp</td> <td colspan="2">Collection (comp begin or grab)</td> <td colspan="2">Collection (comp begin or grab)</td> </tr> <tr> <td>☒ Grab</td> <td>Date <u>4/11/17</u></td> <td>Time <u>12:55</u></td> <td>Date <u>—</u></td> <td>Time <u>—</u></td> </tr> <tr> <td>Matrix (Salt, <u>Fresh</u>)</td> <td colspan="2">Diss. Oxygen (mg/L) <u>9.13</u></td> <td colspan="2"></td> </tr> <tr> <td>Temp (C) <u>18.27</u></td> <td>pH <u>6.94</u></td> <td>Sample Depts (m) <u>0.3</u></td> <td colspan="2">Sp. Conductance (umho/cm) <u>74</u></td> </tr> <tr> <td>Salinity (ppt) <u>0.03</u></td> <td colspan="4">Comments</td> </tr> <tr> <td colspan="2">Latitude (Decimal Degrees) <u>30.5837</u></td> <td colspan="3">Longitude (Decimal Degrees) <u>-84.5503</u></td> </tr> </table>	☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)		☒ Grab	Date <u>4/11/17</u>	Time <u>12:55</u>	Date <u>—</u>	Time <u>—</u>	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>9.13</u>				Temp (C) <u>18.27</u>	pH <u>6.94</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>74</u>		Salinity (ppt) <u>0.03</u>	Comments				Latitude (Decimal Degrees) <u>30.5837</u>		Longitude (Decimal Degrees) <u>-84.5503</u>			Bottle Group(s): <u>B, C, D, F</u>
☐ Comp	Collection (comp begin or grab)		Collection (comp begin or grab)																													
☒ Grab	Date <u>4/11/17</u>	Time <u>12:55</u>	Date <u>—</u>	Time <u>—</u>																												
Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L) <u>9.13</u>																															
Temp (C) <u>18.27</u>	pH <u>6.94</u>	Sample Depts (m) <u>0.3</u>	Sp. Conductance (umho/cm) <u>74</u>																													
Salinity (ppt) <u>0.03</u>	Comments																															
Latitude (Decimal Degrees) <u>30.5837</u>		Longitude (Decimal Degrees) <u>-84.5503</u>																														

Relinquished By: <u>Ben Roke</u>	Date/Time: <u>4/11/17</u>	Number of Coolers: <u>4</u>	Received By: <u>J.D.</u>	Date/Time: <u>4/11/17 3:15</u>
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-04-10-19

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Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

Field Report Prepared By: Ben Rabys

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Rabys Phil Hamann

Location: Tanyard Branch 100 meters upstream of Ralph Strong Rd. STORET ↓  Q1WA0005 Field ID → Tanyard Branch 100 meters upstream of Ralph Strong Rd. April 11, 2017  Q1WA0005_04112017	☐ Comp ☒ Grab Collection (comp begin or grab) Eastern Central Date <u>4/11/17</u> Time <u>12:40</u> Matrix (Salt, <u>Fresh</u>) Diss. Oxygen (mg/L) <u>7.76</u> Temp (C) <u>20.36</u> pH <u>6.99</u> Salinity (ppt) <u>0.12</u> Comments Latitude (Decimal Degrees) <u>30.5832</u> Longitude (Decimal Degrees) <u>-84.5519</u>	Collection (comp begin or grab) Date — Time — Sample Depts (m) <u>0.1</u> Sp. Conductance (umho/cm) <u>261</u>	Bottle Group(s) <u>A</u>
Location: Little River 100 meters upstream of SR 12 STORET ↓  Q1WA0020 Field ID → Little River 100 meters upstream of SR 12 April 11, 2017  Q1WA0020_04112017	☐ Comp ☒ Grab Collection (comp begin or grab) Eastern Central Date <u>4/11/17</u> Time <u>2:00</u> Matrix (Salt, <u>Fresh</u>) Diss. Oxygen (mg/L) <u>8.93</u> Temp (C) <u>17.41</u> pH <u>6.92</u> Salinity (ppt) <u>0.04</u> Comments Latitude (Decimal Degrees) <u>30.5882</u> Longitude (Decimal Degrees) <u>-84.4957</u>	Collection (comp begin or grab) Date — Time — Sample Depts (m) <u>0.3</u> Sp. Conductance (umho/cm) <u>94</u>	Bottle Group(s) <u>A, C, D, E</u>
Location: Little River 100 meters upstream of SR 12 STORET ↓  Q1WA0020 Field ID → QC DUP Little River 100 meters upstream of SR 12 April 11, 2017  Q1WA0020_04112017D	☐ Comp ☒ Grab Collection (comp begin or grab) Eastern Central Date <u>4/11/17</u> Time <u>2:00</u> Matrix (Salt, <u>Fresh</u>) Diss. Oxygen (mg/L) <u>8.93</u> Temp (C) <u>17.41</u> pH <u>6.92</u> Salinity (ppt) <u>0.04</u> Comments <u>DUPLICATE</u> Latitude (Decimal Degrees) <u>30.5882</u> Longitude (Decimal Degrees) <u>-84.4957</u>	Collection (comp begin or grab) Date — Time — Sample Depts (m) <u>0.3</u> Sp. Conductance (umho/cm) <u>94</u>	Bottle Group(s) <u>A, C</u>

Relinquished By: Ben Rabys

Date/Time 4/11/17

Number of Coolers 4

Received By: [Signature]

Date/Time 4/11/17 3:25

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-04-10-19

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Black Creek, Quincy Creek, Tanyard Branch
 Customer: WQ-ASSESS
 Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By: Ben Raks
 Sampling Agency: FDEP

Collected By: Ben Raks, Phil Homann

Location Blank DI Water Field ID →  SQC Blank DI Water April 11, 2017 G1WA0020_04112017B	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u> </u> <u>Eastern</u> Central	Collection (comp begin or grab) Date <u> </u> Time <u> </u>	Bottle Group(s) AC Sample collection time taken from sample container.	
	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L)			
	Temp (C)	pH	Sample Depts (m)		Sp. Conductance (umho/cm)
	Salinity (ppt)	Comments <u>field Blank</u>			
	Latitude (Decimal Degrees) <u>30.5882</u>		Longitude (Decimal Degrees) <u>-84.4957</u>		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u> </u> <u>Eastern</u> Central	Collection (comp begin or grab) Date <u> </u> Time <u> </u>		
Field ID	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L)			
STORET #	Temp (C)	pH	Sample Depts (m)		Sp. Conductance (umho/cm)
	Salinity (ppt)	Comments			
	Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/11/17</u> Time <u> </u> <u>Eastern</u> Central	Collection (comp begin or grab) Date <u> </u> Time <u> </u>		
Field ID	Matrix (Salt, <u>Fresh</u>)	Diss. Oxygen (mg/L)			
STORET #	Temp (C)	pH	Sample Depts (m)		Sp. Conductance (umho/cm)
	Salinity (ppt)	Comments			
	Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		

Relinquished By: <u>Ben Raks</u>	Date/Time: <u>4/11/17</u>	Number of Coolers: <u>4</u>	Received By: <u>A.S.</u>	Date/Time: <u>4/11/17 3:15</u>
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Black, Tanyard, Soapstone, Little, Qunicy, Juniper

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQ-ASSESS

Requester: Curtis Musson

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)				Comments
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)				Comments
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)				Comments
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)				Comments
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)				Comments
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:		Received By:	Date/Time		

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP						
	W-ICPMS						

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>7</u>
	ECOLI-18QT					
Group: D	Bottle Type:	BG-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	PCR-FILTER					
Group: F	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	PCR-HF183					

Date of Request: 13-MAR-2017
 Created By: MUSSON_C On: 13-MAR-2017
 Modified By: MATTHEWS_D On: 23-MAR-2017
 Customer: WQ-ASSESS
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Black, Tanyard, Soapstone, Little, Qunicy, Juniper

Send Coolers To:

Phone: 850-245-8453
 Division Of Water Facilities, FL DEP
 2600 Blair Stone Rd.
 Tallahassee, FL 32399-2400
 Attn: Curtis Musson

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 23-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 23-MAR-2017
 Sampling Kit Required: YES Ship on: 05-APR-2017
 Sampling Kit Shipped: YES On: 04-APR-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 11-APR-2017
 Received By:

Send Final Report To:

Division Of Water Facilities, FL DEP
 2600 Blair Stone Rd.
 Tallahassee, FL 32399-2400
 Attn: Curtis Musson

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

Comments: Group A: Freshwater Nutrient Kit
 Group B: Freshwater Nutrient Kit With Metals
 Group C: E. coli
 Group D: Organics (wastewater tracers)
 Group E: PCR-FILTER (Markers)
 Group F: PCR-HF183 (Markers)

Packing Notes
 No FedEx labels needed, sample will be dropped off.

6 - liters of DI for a suite of blanks

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity 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: BP-1L	Number of Bottles: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 6	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 Group A (Water) With 6 Samples:

Bottle Type: P-125ML Number of Bottles: 6 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 Group B (Water) With 2 Samples:

Bottle Type: P-1L Number of Bottles: 2 Preserved With: ICE
 ALKALINITY Template: DEFAULT (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity 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: BP-1L Number of Bottles: 2 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
 Bottle Type: P-500ML Number of Bottles: 2 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

Calcium
 Chromium
 Iron
 Magnesium
 Nickel
 Potassium
 Sodium
 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
 Cadmium
 Copper
 Lead
 Silver

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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 Group C (Water) With 7 Samples:

Bottle Type: ECOLI-18QT Number of Bottles: 7 Preserved With: ICE
 Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group D (Water) With 5 Samples:

Bottle Type: BG-1L Number of Bottles: 5 Preserved With: ICE
 W-AHERB-AA Template: (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group E (Water) With 3 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 6 Preserved With: ICE
 PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group F (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE
 PCR-HF183 Template: DEFAULT (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

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

Log-in Checklist

RQ- 2017-04-10-19

Shipping Method: Hand Delivery

Date/Time of Receipt: 4/11/17 3:15

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
RED	2.3°C	13		✓			
BLUE	1.8°C	18		✓			
RED	1.9°C	13		✓			
RED	3.1°C	12		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

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

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No ✓ If yes, is it intact? Yes No

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

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)		✓	W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: J.D.

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: J.D.

Coolers Unpacked/Checked by: J.D. Date: 4/11/17

NCRs (Y/N)? 4

Event ID: WQ-ASSESS-2017-04-11-01

NCR # 6403

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

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		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No ✓

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

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

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: