

Alligator Creek

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Sustin Wallhiser

Project ID: SMP

Collected By:

Ben Ralys & Sustin Wallhiser

Sampling Agency:

FDEP

Location Alligator Creek upstream of SR 213		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/13/16 Time 9:30	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID G3WA0005		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.94	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # G3WA0005		Temp (C) 25.39	pH 6.23	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 89
Latitude 30.819	☐ dd ☐ dms	Longitude -85.5842	☐ dd ☐ dms	Salinity (ppt) 0.02	Comments	
Location Little Alligator Creek at SR 213		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/13/2016 Time 10:00	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID G3WA0006		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.89	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # G3WA0006		Temp (C) 25.99	pH 6.49	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 64
Latitude 30.88873	☐ dd ☐ dms	Longitude -85.46802	☐ dd ☐ dms	Salinity (ppt) 0.03	Comments	
Location Scurlock Creek at Pligem Rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/13/2016 Time 11:00	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID G3WA0009		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.16	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # G3WA0009		Temp (C) 25.67	pH 6.37	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 58
Latitude 30.8545	☐ dd ☐ dms	Longitude -85.4443	☐ dd ☐ dms	Salinity (ppt) 0.03	Comments	
Location Pine Born Creek at Woodcrest Rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/13/2016 Time 11:20	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID G3WA0011		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.71	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # G3WA0011		Temp (C) 25.45	pH 5.97	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 39
Latitude 30.8358	☐ dd ☐ dms	Longitude -85.4488	☐ dd ☐ dms	Salinity (ppt) 0.02	Comments	

Relinquished By: 	Date/Time 8/13/16 3:45	Shipping Method hand	Number of Coolers Shipped:	Received By: FW	Date/Time 8/13/16 1546
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Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-TDS							
W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	6
W-PO4-F							
Group: B	Bottle Type:	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0 0
ALGAL_ID							

Alligator Creek

last revised Apr 7, 2016

Central Laboratory Submittal Form

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Justin Cevallos

Project ID: SMP

Collected By:

Ben Ralys + Justin Cevallos

Sampling Agency:

FPEP

Location <u>Unnamed Creek at Woodcrest</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/3/2016</u> Time <u>11:45</u>		☒ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>		Bottle Group(s) (See pg 2) <u>A</u>
Field ID <u>G3WA 0010</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.81</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u> </u>		
STORET # <u>G3WA 0010</u>		Temp (C) <u>25.25</u>	pH <u>6.28</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>68</u>		
Latitude <u>30.8069</u>	☒ dd ☐ dms	Longitude <u>-85.4607</u>	☒ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments			
Location <u>Alligator Creek upstream of Bently Rd.</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/3/2016</u> Time <u>10:30</u>		☒ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>		Bottle Group(s) <u>A</u>
Field ID <u>G3WA 0004</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.33</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u> </u>		
STORET # <u>G3WA 0004</u>		Temp (C) <u>25.57</u>	pH <u>6.44</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>61</u>		
Latitude <u>30.8235</u>	☒ dd ☐ dms	Longitude <u>-85.4723</u>	☒ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u> </u> Time <u> </u>		☐ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>		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 <u> </u> Time <u> </u>		☐ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>		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: <u>Justin Cevallos</u>	Date/Time <u>8/3/16 3:45</u>	Shipping Method <u>hand</u>	Number of Coolers Shipped: <u> </u>	Received By: <u>KLW</u>	Date/Time <u>8/3/16 1546</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-TDS							
W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	6
W-PO4-F							
Group: B	Bottle Type:	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
ALGAL_ID							

Printed: 8/3/2016 3:46:55 PM

Page 1 of 1

Date of Request: 18-JUL-2016
 Created By: RALYS_B On: 18-JUL-2016
 Modified By: MATTHEWS_D On: 19-JUL-2016
 Customer: WQAP
 Project: SMP
 Division:
 District:
 Sampling Event: Alligator Creek

Send Coolers To:

Phone: 850-245-8443
 2600 Blair Stone Rd
 MS #3560
 Tallahassee, FL 32399-2400
 Attn: Benjamin Ralys

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-JUL-2016
 Biology Request Reviewed By: MATTHEWS_D On: 19-JUL-2016
 Sampling Kit Required: YES Ship on: 29-JUL-2016
 Sampling Kit Shipped: YES On: 28-JUL-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: YES
 Date to Receive Samples: 03-AUG-2016
 Received By:

Send Final Report To:

2600 Blair Stone Rd
 MS #3560
 Tallahassee, FL 32399-2400
 Attn: Benjamin Ralys

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

Comments: Bottle Group A: freshwater kit no metals
 Bottle Group B: Algal

1 - case of Sulfuric Acid

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	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-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: 7	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: 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) 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: 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

Bottle Group B (Biological) With 1 Samples:

Bottle Type: PT-50ML	Number of Bottles: 1	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

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

Log-in Checklist

RQ- 2016-08-01-38

Shipping Method: Hand Delivery

Date/Time of Receipt: 8/3/16 / 1546

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	2.4°C	12		✓			
Blue	1.6°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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: RKW

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: RKW

Coolers Unpacked/Checked by: RKW Date: 8/3/16 NCRs (Y/N)? N

Event ID: WDAP-2016-08-03-06 NCR #

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: