



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

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Data Qualified?
Yes ☒ No ☐

STORET Station Name: Little Alligator Creek at SR 273

Date: 05/04/2016

(mm/dd/yyyy)

STORET Station ID: G3WA0006

Latitude: 30.88873

(Decimal Degrees)

WBID: 123

RQ - 2016-05-02-40

ORG ID: 21FLWQA

Longitude: -85.46802

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0006

County: Jackson

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson			X	X		
Ben Ralys		X		X	X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID		
Collection Method		
☒ Wading	Via Boat	
☐ From Shore	☐ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / Low / Normal / High / Flooded

Matrix: Fresh / Marine / DI

Meter ID# Bldgr #2

Photos: Yes / No

Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (umhos/cm)	Temp. (C°)
EST	13:05	0.15	0.3	6.80	78.3	6.76	0.04	VOB	94	22.33
CEN										

Biological Samples Collected: None HA SCI LVS RPS LVI Other

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA 5259020	09/16/16	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W <u>BAD UNIT</u>	☒ Ice			
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-5259020
EXP: 09/16/16
Warning!
See MSDS

Notes:

G3WA0006 04 May 2016
Little Alligator Creek at SR 273

Signature: Anotim

Date: 5-4-16

Field Parameters Entered into LIMS: (Initials/Date)

Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Sheets Scanned/Saved: On 5-4-16 (Initials/Date)

RQ-2016-05-02-40

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter ID:

Biosas Y #2

Project:

NWQI/SMP

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (3) For Calibrations, record calibrated meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

3-4-16

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/4/16	0723	23.17	8.55	8.55	100.0	56.3	—	P	L
ICV	Curtis Musson	5/4/16	0725	23.16	8.55	8.58	100.3	57.4	—	P	L
CCV	Curtis Musson	5/4/16	1749	25.4	8.2	8.28	100.9	51.2	—	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard $\mu\text{mhos/cm}$	Meter Reading $\mu\text{mhos/cm}$	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/4/16	0727	CC14162	10/15/16	996	996	P	L
ICV	Curtis Musson	5/4/16	0729	CC14162	10/15/16	996	995	P	L
CCV	Curtis Musson	5/4/16	1752	CC13882	7/15/16	101.1	100.2	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/4/16	0731	153035	07/2017	7.0	7.00	-10.8	P	L
Calibr.	Curtis Musson	5/4/16	0733	154634	07/2017	4.0	4.00	164.1	P	L
Calibr.						10.0				
ICV	Curtis Musson	5/4/16	0737	160330C	10/2017	10.0	9.97	-184.1	P	L
CCV	Curtis Musson	5/4/16	1753	154634	07/2017	4.00	4.05	161.9	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;mV pH7 Range 0 ± 50 ;mV pH 4 Range $+180 \pm 50$;mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or $\pm 0.05\text{m}$, whichever is greater

Cooler Packing Worksheet for Request: RQ-2016-05-02-40

Alligator Creek and Quincy Creek

Ship Cooler On: 4/18/2016

Customer/Project: WQAP/SMP

Requester: Benjamin Ralys

Priority: 3

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

Comments:

No preservatives needed.

Bottle Group A: freshwater chemistry (including metals)

Bottle Group B: freshwater chemistry (no metals)

Bottle Group C: Algal

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

Analysis

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1168614

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00064521

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00064521

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: ICE-FLTR

Lot # 00064632

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 7

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

Analysis

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 7 Preservation: ICE

Lot # 1168614

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00064521

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: ICE-FLTR

Lot # 00064632

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 1

Container ID: PT-50ML

Qty: 1 Preservation: ICE

Lot # 430897

Description: Plastic Tube 50 mL

Analysis

ALGAL_ID

Description

Qualitative assessment of algal taxa present without counts

Cooler Packed By: cu Date: 4/25/16

DEP Cooler ID #(s): 3 coolers

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☒ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags
- ☐ Zip Ties

If Preservation Included:

ID _____	Lot # _____
ID _____	Lot # _____
ID <u>N/A</u>	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2016-05-02-40

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Collected By: Benjamin Ralys, Curtis Mussen

Field Report Prepared By:

Curtis Mussen

Sampling Agency:

FDEP

Location Pine Barn Creek at Woodrest Rd		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/4/16 Time 10:00		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s) (See pg 2)	
Field ID G3WA0011		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.73		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
STORET # G3WA0011		Temp (C) 20.65		pH 6.14		Sample Depth 0.1		Sp. Conductance (umho/cm) 45			
Latitude 30.8358 ☒ dd ☐ dms		Longitude -85.4488 ☒ dd ☐ dms		Salinity (ppt) 0.02		Comments \$cm NWQF, SMP					
Location Alligator Creek upstream of SR 273		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/4/16 Time 10:25		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s)	
Field ID G3WA0005		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.52		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
STORET # G3WA0005		Temp (C) 20.70		pH 6.44		Sample Depth 0.3		Sp. Conductance (umho/cm) 56			
Latitude 30.8190 ☒ dd ☐ dms		Longitude -85.5042 ☐ dd ☐ dms		Salinity (ppt) 0.03		Comments NWQF, SMP					
Location Alligator Creek upstream of Penny Rd		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/4/16 Time 11:25		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s)	
Field ID G3WA0003		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.94		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
STORET # G3WA0003		Temp (C) 20.88		pH 6.63		Sample Depth 0.2		Sp. Conductance (umho/cm) 71			
Latitude 30.8517 ☒ dd ☐ dms		Longitude -85.4653 ☒ dd ☐ dms		Salinity (ppt) 0.03		Comments NWQF, SMP					
Location Scurlock Creek at Pilgrim Rd		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/4/16 Time 12:00		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s)	
Field ID G3WA0009		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.25		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
STORET # G3WA0009		Temp (C) 20.79		pH 6.37		Sample Depth 0.15		Sp. Conductance (umho/cm) 48			
Latitude 30.8545 ☒ dd ☐ dms		Longitude -85.4443 ☒ dd ☐ dms		Salinity (ppt) 0.02		Comments NWQF, SMP					

Relinquished By: Curtis Mussen	Date/Time 5/5/16	Shipping Method Drop off	Number of Coolers Shipped: 3	Received By:	Date/Time
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Curtis Mussen
10:25

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Alligator Creek and Quincy Creek

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last revised Apr 7, 2016

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location <u>Alligator Creek at Benthly Rd</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>5-4-2016</u> Time <u>12:30</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s) (See pg 2)	
Field ID <u>G3WA0004</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen <u>8.03</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		B	
STORET # <u>G3WA0004</u>		Temp (C) <u>21.32</u>		pH <u>6.70</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>81</u>			
Latitude <u>30.8735</u>		☒ dd ☐ dms		Longitude <u>-85.4723</u>		☒ dd ☐ dms		Salinity (ppt) <u>0.04</u>		Comments <u>NWQE, SMP</u>	
Location <u>Little Alligator Creek at SR 273</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>5/4/2016</u> Time <u>13:05</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
Field ID <u>G3WA0006</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen <u>6.80</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		B	
STORET # <u>G3WA0006</u>		Temp (C) <u>22.33</u>		pH <u>6.76</u>		Sample Depth <u>0.15</u>		Sp. Conductance (umho/cm) <u>94</u>			
Latitude <u>30.88873</u>		☒ dd ☐ dms		Longitude <u>-85.46802</u>		☒ dd ☐ dms		Salinity (ppt) <u>0.04</u>		Comments <u>NWQI, SMP</u>	
Location <u>Unnamed Creek at Woodrest Rd</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>5-4-16</u> Time <u>13:40</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
Field ID <u>G3WA0010</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen <u>6.86</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		B	
STORET # <u>G3WA0010</u>		Temp (C) <u>22.36</u>		pH <u>5.95</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>35</u>			
Latitude <u>30.8069</u>		☒ dd ☐ dms		Longitude <u>-85.4607</u>		☐ dd ☐ dms		Salinity (ppt) <u>0.01</u>		Comments <u>NWQI, SMP</u>	
Location <u>Gilberts Mill Creek at Aycock Rd</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>5-4-16</u> Time <u>14:15</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
Field ID <u>G3WA0012</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen <u>5.57</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		B	
STORET # <u>G3WA0012</u>		Temp (C) <u>21.12</u>		pH <u>5.53</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>26</u>			
Latitude <u>30.7965</u>		☒ dd ☐ dms		Longitude <u>-85.4401</u>		☒ dd ☐ dms		Salinity (ppt) <u>0.01</u>		Comments <u>NWQI, SMP</u>	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Florida Department of Environmental Protection

Central Laboratory Submittal Form

Alligator Creek and Quincy Creek

last revised Apr 7, 2016

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location <u>Quincy Creek upstream of SR12</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-4-16</u> Time <u>16:00</u>	☒ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>	Bottle Group(s) (See pg 2) <u>BA</u>
Field ID <u>G1WA0019</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.78</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u> </u>		
STORET # <u>G1WA0019</u>	Temp (C) <u>21.77</u>	pH <u>6.93</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>65</u>		
Latitude <u>30.5923</u> ☒ dd ☐ dms	Longitude <u>-84.5634</u> ☒ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments <u>SMP</u>			
Location <u>Quincy Creek upstream of Ralph Strong Rd</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/4/16</u> Time <u>16:30</u>	☒ Eastern ☐ Central	Composite end Date <u> </u> Time <u> </u>	Bottle Group(s) <u>A</u>
Field ID <u>G1WA0018</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>8.11</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u> </u>		
STORET # <u>G1WA0018</u>	Temp (C) <u>22.40</u>	pH <u>7.01</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>66</u>		
Latitude <u>30.5837</u> ☒ dd ☐ dms	Longitude <u>-84.5503</u> ☒ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments <u>SMP</u>			
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	Sp. Conductance (umho/cm)		
Latitude	Longitude	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	Sp. Conductance (umho/cm)		
Latitude	Longitude	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Group: A 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-TDS
W-TSS

Group: A Bottle Type: P-1L # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 2 Preservative: HNO3 Enter Number of Bottles Sent to Lab 2

W-ICP
W-ICPMS

Group: A Bottle Type: P-500ML # of Bottles: 2 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 2 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 2

W-PO4-F

Group: B Bottle Type: P-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 8

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-TDS
W-TSS

Group: B Bottle Type: P-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 8

BOD-UNIN

Group: B Bottle Type: BP-1L # of Bottles: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 8
CHLSUITE-W

Group: B Bottle Type: P-500ML # of Bottles: 7 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 8
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: B Bottle Type: P-125ML # of Bottles: 7 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 8
W-PO4-F

Group: C Bottle Type: PT-50ML # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 0
ALGAL_ID