

RQ- 202002-1752

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/20/2020@ 9:50

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		YES	HNO ₃		Formalin	Present?		*Intact?	
					Yes	No	Yes	No	
1.0 1.1				11 14			✓		1278 4011 7036 1278 4011 7025

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☒

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

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 REQUIRED? (Blue dot on container)

Yes ☒ No ☐ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

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

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

Coolers Unpacked/Checked by: IM Date: 2/20/2020

NCRs (Y/N)? ☒

Event ID: 2020 SMP : Placid Lakes
SO-DIST-2020-02-20-01 (SMP)

NCR # _____

Date Received: 20-FEB-2020 09:50

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Additional Comments:

Infrared Thermometer ID:	REC_02_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 6/1/20
Chlorine Test Strips Lot #	8261 EXP: 7/2021

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 _____ If No _____

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Nicole Reistad

Field Report Prepared By: Miranda CarrollCollected By: Gary SmithSampling Agency: SROC

Field ID/WIN ID G4SD0185		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/19/20</u> Time <u>1020</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Location Lake Apthorpe @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>8.58</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) <u>24.38</u>	pH <u>6.15</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>198</u>	
		Salinity (ppt) <u>0.09</u>	Comments			
Field ID/WIN ID G4SD0158		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/19/20</u> Time <u>1100</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Location Buck Lake @ Middle		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>8.50</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	A
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) <u>23.86</u>	pH <u>5.61</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>332</u>	
		Salinity (ppt) <u>0.16</u>	Comments			
Field ID/WIN ID G4SD0187		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/19/20</u> Time <u>11:50</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Location Lake Francis @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>9.51</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	B
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) <u>24.01</u>	pH <u>7.50</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>177</u>	
		Salinity (ppt) <u>0.08</u>	Comments			
Field ID/WIN ID G4SD0186		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/19/20</u> Time <u>1225</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Location Lake June @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>9.53</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	B
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C) <u>23.73</u>	pH <u>6.15</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>169</u>	
		Salinity (ppt) <u>0.08</u>	Comments			

Relinquished By: <u>GS</u>	Date/Time <u>2/19/20 1500</u>	Shipping Method <u>fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>IM</u>	Date/Time <u>2/20/20 9:50</u>
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* Taken from IM 2/20/20
Sample field label

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
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:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI						
	W-E8321-MS						
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:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

2020 SMP : Placid Lakes

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Nicole Reistad

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Field ID/WIN ID G4SD0102 Lake Placid	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/19/20 Time 13:15	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) B
Location	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 10.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) ~	
Latitude ☐ dd ☐ dms	Temp (C) 23.40	pH 8.69	Sample Depth 0.3	Sp. Conductance (umho/cm) 136	
Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments			
Lake Placid FB_02192020	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/19/20 Time 1330	Eastern Central	Composite end Date Time	Bottle Group(s) C
Location	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Latitude ☐ dd ☐ dms	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
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)	
WIN/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)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: CS	Date/Time 2/17/20 1300	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: IM	Date/Time 2/20/20 9:50
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* Taken from
Sample's Field Label

IM 2/20/20

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	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: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					

Date of Request: 03-FEB-2020
 Created By: REISTAD_N On: 03-FEB-2020
 Modified By: MCCOY_I On: 20-FEB-2020
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: 2020 SMP : Placid Lakes

Send Coolers To:

Phone: 239-344-5718
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Nicole Reistad

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Nicole Reistad

Program Module Number:

Priority: 3

Event Status: A

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 04-FEB-2020

Biology Request Reviewed By: JASROTIA_P On: 04-FEB-2020

Sampling Kit Required: YES Ship on: 07-FEB-2020

Sampling Kit Shipped: YES On: 06-FEB-2020

Sampling Kit Packed By: SHAIK_A

Preservatives Needed: NO

Date to Receive Samples: 17-FEB-2020

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: (Apthorpe,Buck) Freshwater Nutrients, Tracers
 Group B: (June,Placid,Francis) Freshwater Nutrients
 Group C: Freshwater Nutrients BLANK

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO ₄ -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 3 Samples:

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO ₄ -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 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

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