

Log-in Checklist

RQ- 2018-02-26-24

Shipping Method FedEx | UPS | HD | Greyhound | _____

Date/Time of Receipt: 3-29-18/11:50

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	1.6 C	12		✓			7907 7843 468
Red	2.6 C	12		✓			" " 9

*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 ☐

Micro-Biology Overflow 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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

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

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

Coolers Unpacked/Checked by: AB Date: 3-29-18 NCRs (Y/N)?

Event ID: Interlachen 2018 NCR #

NE-DIST-2018-03-29-02 (SMP)
Date Received: 29-MAR-2018 10:10

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:

Request Number: RQ-2018-02-26-24

Interlachen_2018

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Field Report Prepared By:

Collected By:

Sampling Agency:

J. Parrish, P. O'Connor

DEAR NED ROC

Location	WIN ID / Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03-28-18 Time 0950	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		G2NE1156	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A+B
WIN/STORE		Smith lake Center	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN /Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03-28-18 Time 1240	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		G1NE0869	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A+B
WIN/STOR		Hardesty lake Center	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN /Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03-28-18 Time 1030	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		G1NE1131	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A+B
WIN/STO		Clearwater lake Center	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN / Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03-28-18 Time 1210	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		G1NE0867	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A+B
WIN/STORI		Church Lake Center	Temp (C)	pH	Sample Depth	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
P. O'Connor	03-28-18 1400	Fed Ex	2 (total)	AB	3-29-18/10:10

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
NE-ALS-ECQ						

Request Number: RQ-2018-02-26-24

Florida Department of Environmental Protection

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Interlachen_2018

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

WIN / Field ID



G1NE0859

Mariner Lake Center

Location	☐ dd Longitude ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>03-28-18</u> Time <u>1055</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc.) <u>Surface Water Fresh</u>	Diss. Oxygen <u>8.65</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A+B
WIN/STORET			Temp (C) <u>19.5</u>	pH <u>6.6</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>35</u>	
Latitude			Salinity (ppt) <u>0.02</u>	Comments <u>DO% 94</u>			

WIN / Field ID



20020116

LAKE IDA CENTER

Location	☐ dd Longitude ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>03-28-18</u> Time <u>1145</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc.) <u>Surface Water Fresh</u>	Diss. Oxygen <u>8.5</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A+B
WIN/STORET			Temp (C) <u>19.5</u>	pH <u>5.7</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>53</u>	
Latitude			Salinity (ppt) <u>0.02</u>	Comments <u>DO% 93</u>			

Location	☐ dd Longitude ☐ dms		☐ 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	Sp. Conductance (umho/cm)	
Latitude			Salinity (ppt)	Comments			

Relinquished By: <u>P. O'Connor</u>	Date/Time <u>03-28-18 1400</u>	Shipping Method <u>Fed ex</u>	Number of Coolers Shipped: <u>2 (total)</u>	Received By: <u>AB</u>	Date/Time <u>3-29-18 11:10</u>
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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: FILTER-ICE	Enter Number of Bottles Sent to Lab	6
W-PO4-F					
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6 to ALS JAX
NE-ALS-ECQ					



SR # _____

ALS Contact: Jerry Allen

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[illegible]

Date of Request: 26-FEB-2018
 Created By: MUSSON_C On: 26-FEB-2018
 Modified By: SWANSON_C On: 12-MAR-2018
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Quincy, Little, Black, Juniper

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd
 Tallahassee, FL 32399
 Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd
 Tallahassee, FL 32399
 Attn: Curtis Musson

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 12-MAR-2018
 Biology Request Reviewed By: SWANSON_C On: 12-MAR-2018
 Sampling Kit Required: YES Ship on: 20-MAR-2018
 Sampling Kit Shipped: YES On: 20-MAR-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 28-MAR-2018
 Received By: SHAIK_A On: 29-MAR-2018

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

Comments: Group A: Freshwater Kit, E.coli
 Group B: Metals
 Group C: Tracers
 Group D: PCR-FILTER
 Group E: PCR-HF183, PCR-FILTER

Packing Notes
 No FedEx labels
 No Trash Bags
 2 Submittal Forms

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 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) 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-SO ₄ -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, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 6	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 6	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

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML	Number of Bottles: 6	Preserved With: ICE And H2SO4
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: 6	Preserved With: FILTER-ICE
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 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	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 Group C (Water) With 4 Samples:

Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-E8321-DI	Template: SUCRALOSE	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

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
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.