

RQ- 2018-04-16-40

Log-in Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 4/18/18 9:45

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			
R070	1.0°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 ☐

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

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 $\leq$ 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: 4/18/18 NCRs (Y/N)?

Event ID: CEM-DIST-2018-04-18-01 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

Additional Comments:

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:08/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Deep Creek / Louise / Shaw

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By:

Mike Linger / Lawrence Drennon

Sampling Agency:

FOEP CE-ROC

Location	WIN ID / Field ID → Deep Creek @ 400m S of SR40 (2908)		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/17/18 Time 1024	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.22	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #				Temp (C) 16.05	pH 5.00	Sample Depth 0.2	Sp. Conductance (umho/cm) 98
Latitude			☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID → Lake Louise @ Center of South Lobe (2902)		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/17/18 Time 1119	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.52	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #				Temp (C) 21.76	pH 6.79	Sample Depth 0.3	Sp. Conductance (umho/cm) 160
Latitude			☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID → Shaw Lake @ Center of North Lobe (29061)		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/17/18 Time 1159	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.33	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #				Temp (C) 21.70	pH 4.87	Sample Depth 0.3	Sp. Conductance (umho/cm) 103
Latitude			☐ 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	Sp. Conductance (umho/cm)
Latitude			☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: MKL	Date/Time 4/17/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: J. E.	Date/Time 4/18/18 9:45
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* CD-FLR-ECQ sent to contract lab

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3 sent to contract lab</u>
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F						



Project Name: SMP

Project Number: RQ-2018-04-16-40

Site Location: Deep / Louise / Shaw

Contract/PO # Flowers Lab - B16975

Sampler Names:

Mike Linger / Mike Drennan

Signature

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
M. Dikeli	4/17/18	1331	YMC / FC	4/17	1333	Temp Upon Receipt: 3.7 ^{oc}
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?
						☒ Y ☐ N

Date of Request: 29-MAR-2018
 Created By: LINGER_M On: 29-MAR-2018
 Modified By: SWANSON_C On: 30-MAR-2018
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Deep Creek / Louise / Shaw

Send Coolers To:

Phone: 407-897-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 29-MAR-2018
 Biology Request Reviewed By: SWANSON_C On: 30-MAR-2018
 Sampling Kit Required: YES Ship on: 06-APR-2018
 Sampling Kit Shipped: YES On: 04-APR-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: YES
 Date to Receive Samples: 16-APR-2018
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

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

Comments: 3 - cases of Sulfuric Acid

If the individual vials are not available please contact me.

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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:	Number of Bottles: 3	Preserved With: ICE
CD-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
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-00) 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

Usin

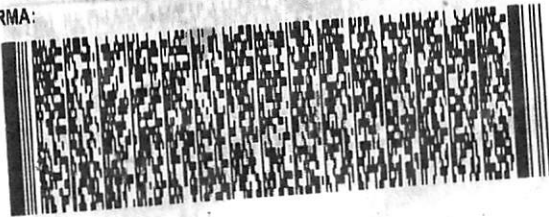
FedEx

RGIN ID
L DE
319 MA
ORLANDO
UNITED STA

AMZAD
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399

552.11/9132/DCAS

(850) 245-8085
INV:
PO:
RMA:
REF:
DEPT:



RETURNS MON-FRI
PRIORITY OVERNIGHT
WED - 18 APR 10:30A
PRIORITY OVERNIGHT

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FL-US
TLH

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