

Log-in Checklist

RQ- 2018-08-06-30

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound | _____

Date/Time of Receipt: 8/10/18 10:10

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	
BLUE	2.3°C	2					

*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 REQUIRED? (Blue dot on container) Yes ☒ No ☐ Init: J.D.

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: 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: 8/10/18 NCRs (Y/N)? _____

Event ID: CEM-DIST-2018-08-10-01 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 #	7226 EXP:07/2020

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: _____

Kasey / Dot / Wekiva Canal

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger / Mike Drinnan

Sampling Agency: FOEP CE-ROC

Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/9/18 Time 958	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Lake Dot @ Center (2997Q)	G2CE0067		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.03	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STOR				Temp (C) 29.91	pH 8.75	Sample Depth 0.3	Sp. Conductance (umho/cm) 153
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/9/18 Time 1033	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Kasey Lake @ Center (3002Q)	G2CE0011		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.83	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STOR				Temp (C) 31.13	pH 6.87	Sample Depth 0.3	Sp. Conductance (umho/cm) 92
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/9/18 Time 1058	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Little Wekiva River near Edgewater Dr (3004)	G2CE0062		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.18	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STOR				Temp (C) 30.90	pH 6.89	Sample Depth 0.15	Sp. Conductance (umho/cm) 171
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/9/18 Time 1105	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Little Wekiva River @ 100m US of Edgewater Dr (3004)	G2CE0170		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.48	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STOR				Temp (C) 31.09	pH 6.90	Sample Depth 0.3	Sp. Conductance (umho/cm) 170
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: MKL	Date/Time 8/9/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: J. J.	Date/Time 8/10/18 10:10
-------------------------	--------------------------	--------------------------	---------------------------------	-----------------------	----------------------------

* CD-FLR-ECQ sent to contract lab

Group: A	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: Na thiosulfate and Ice	Enter Number of Bottles Sent to Lab <u>1 sent to contract lab</u>
Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 3	Preservative: Na thiosulfate and Ice	Enter Number of Bottles Sent to Lab <u>3 sent to contract lab</u>



CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
E-Mail: DEP-overflowmicro@dep.state.fl.us
Telephone Number: (407) 897-4100

Project Name: SMP

Project Number: RQ-2018-08-06-30

Site Location: Dot / Kasey / Little Wekiva Canal

Contract/PO # FLOWERS - B3508E

Sampler Names: Mike Linger / Mike Drennan Signature: [Signature]

FIELD ID	Lab No. (Lab Use Only)	Date- Time	Date Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix				Analyze For:		
							ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)
G2CE0067		958	8/9/18	1	X		X							X	X		
G2CE0011		1033		1	X		X							X	X		
G2CE0062		1058		1	X		X							X	X		
G2CE0170		1105		1	X		X							X	X		

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Note to samplers: For Site with E.coli only, email both custody and submittal forms to Joshua Ayers and cc John Watts.

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
[Signature]	8/9/18	1134	MM/KC	8/9	1137	Temp Upon Receipt: 0.7°C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?
						(Y) N

Date of Request: 19-JUL-2018
Created By: LINGER_M On: 19-JUL-2018
Modified By: SWANSON_C On: 25-JUL-2018
Customer: CEN-DIST
Project: SMP
Division:
District: Central District
Sampling Event: Kasey / Dot / Wekiva Canal

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: 20-JUL-2018
Biology Request Reviewed By: SWANSON_C On: 25-JUL-2018
Sampling Kit Required: YES Ship on: 27-JUL-2018
Sampling Kit Shipped: YES On: 26-JUL-2018
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 06-AUG-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: A: Dot
B: Kasey / Wekiva Canal X2

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: Na thiosulfate and Ice
CD-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(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 Group B (Water) With 3 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: Na thiosulfate and Ice
CD-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

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



01:80
7165

FZ

B

10:30
1

RT 958

Do Not Lift Using This Tag

INCK: 4300 0031 7 100

ORIGIN ID: TLHA (407) 897-4180
MICHAEL LINGER
FLORIDA DEP-CENTRAL DISTRICT
3319 MAGUIRE BLVD STE 232

SHIP DATE: 26 JUL 18
ACTWGT: 15.00 LB MAN
CAD: 0446970/CAFE3210

ORLANDO, FL 32803
UNITED STATES US

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



3181110042001W

FedEx
21 4385 5031 7165

FRI - 10 AUG 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



F1D 5037366 09AUG18 ORLA 546C1/3389/8C8A

Cooler Packing Worksheet for Request: RQ-2018-08-06-30

Kasey / Dot / Wekiva Canal

Ship Cooler On: 7/27/2018

Customer/Project: CEN-DIST/SMP

Assigned To: GREENWOO_J

Requester: Michael Linger

Priority: 3

407-897-4180
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Attn: Mike Linger

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

A: Dot

B: Kasey / Wekiva Canal X2

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: Na thiosulfate and Ice

Lot #

L18005

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: QPCR-P-500ML

Qty: 1

Preservation: ICE

Lot #

00070581

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot #

00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: B

of Sites: 3

Container ID: P-250ML-WI-THI

Qty: 3

Preservation: Na thiosulfate and Ice

Lot #

118005

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Cooler Packed By: J.D.

Number of Coolers: 1

Date: 7/26/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-08-06-30