Contract Lab - Chain of Custody

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32804
Project Manager: Natalie Ayala/ Michael Linger/ Kalina Warren
Email: Michael.Linger@dep.state.fl.us
Telephone Number: 407-897-4100

Project Name: SMP
Project Number: RQ-2018 - 10-01-72
Site Location: Asher Lake

Contract PO# Flowers - B16975

Sampler Names: MJ Shelton, Liz Woods
Signature: Michael C Shelton

FIELD ID	Lab No. Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative: ICE	Preservative: HCL	Preservative: HNO3	Preservative: NONE	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Surface Water	Analyze For: Escherichia Coli (ECQ)	Analyze For: Enterococci (ENQ)	Analyze For: Fecal Coliform (FC)	
G2CE0183	380162 SW6	10/4/18	1415	1	X		X							X	X			
Lab Dup G4CE0147	SW7	10/4/18	9:54											X	X			
Lab Blank	AQ1	10/4/18	14:15															

Special Instructions:
Samples are ambient water samples and not suspected to contain chlorine.

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
M Shelton	10/4/18	1545	MMC/FCL	10/4	15:45	Temp Upon Receipt: 6.7°C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? Y N

RQ-2018-10-01-72

Date of Request:	24-SEP-2018
Created By:	LINGER_M On: 24-SEP-2018
Modified By:	WATTS_J On: 25-SEP-2018
Customer:	CEN-DIST
Project:	SMP
Division:	
District:	Central District
Sampling Event:	Myrtle / Asher (SemCo)

Send Coolers To:

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

Send Final Report To:

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:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 25-SEP-2018
Biology Request Reviewed By:	WATTS_J On: 25-SEP-2018
Sampling Kit Required:	NO Ship on:
Sampling Kit Shipped:	
Sampling Kit Packed By:	
Preservatives Needed:	NO
Date to Receive Samples:	01-OCT-2018
Received By:	SPRAGUE_K On: 07-NOV-2018

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

Comments:
A: Asher
B: Myrtle

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

Escherichia Coli-Quanti-Tray

Bottle Type: P-250ML Number of Bottles: 1 Preserved With: ICE

W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices

Chloride

W-F Template: DEFAULT (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Fluoride

W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices

Sulfate

Bottle Group B (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

Escherichia Coli-Quanti-Tray

Bottle Type: P-250ML Number of Bottles: 1 Preserved With: ICE

W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices

Chloride

W-F Template: DEFAULT (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Fluoride

W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices

Sulfate

Bottle Type: P-500ML Number of Bottles: 1 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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 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

- 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

From:	Ayala, Natalie
To:	Sprague, Kara
Cc:	Linger, Michael
Subject:	RE: October RQs
Date:	Wednesday, November 7, 2018 8:54:55 AM

Kara,

Mike confirmed that our FedEx shipment was delayed because of the storm so these samples expired before they could be analyzed.

Thanks,
Natalie

From: Ayala, Natalie
Sent: Wednesday, November 07, 2018 8:42 AM
To: Sprague, Kara <Kara.Sprague@floridadep.gov>
Cc: Linger, Michael <Michael.Linger@dep.state.fl.us>
Subject: RE: October RQs

Kara,

I'm looking at our field sheets for these and they show that all samples were collected however there is a note stating that they should be entered for E. coli only. I'm assuming that this had something to do with the storm around that time and the Central Lab closure the week after these were collected. These samples were collected on Thursday and the lab was closed the following week so they may have expired before analysis. Our E. coli is sent to a local contract lab so it makes sense that these are the only results we have for those samples.

Thanks,
Natalie

From: Sprague, Kara
Sent: Tuesday, November 06, 2018 10:38 AM
To: Ayala, Natalie <Natalie.Ayala@dep.state.fl.us>
Cc: Linger, Michael <Michael.Linger@dep.state.fl.us>
Subject: FW: October RQs

Hi Natalie,

I am just trying to figure out more information about RQ-2018-10-01-51, -52, and -72. There were quite a few other analyses scheduled but from what I can tell, only the micros were sampled and dropped off to Flowers. I know usually we do PCRs for certain micros too.

Anymore info would be great!

Thank you!

Kara

From: Musson, Curtis <Curtis.Musson@dep.state.fl.us>
Sent: Tuesday, November 6, 2018 10:22 AM
To: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Cc: Linger, Michael <Michael.Linger@dep.state.fl.us>
Subject: RE: October RQs

Kara,

I am afraid I know nothing about these RQs. Mike does the scheduling for the CD ROC, he will be able to answer your question. Mike is out of the office this week. If you need assistance sooner you can contact Natalie Ayala.

Thanks,
Curtis

From: Sprague, Kara
Sent: Tuesday, November 06, 2018 10:14 AM
To: Musson, Curtis <Curtis.Musson@dep.state.fl.us>
Subject: October RQs

Hey Curtis we have some RQs that had quite a few analyses scheduled but it looks like only micros were collected and dropped off to Flowers. RQ-2018-10-01-51, -10-01-52, and 10-01-72. Just want to make sure these are in fact standalones and there isn't any accompanying data like PCR needed for these. I can get in touch with Mike if that's better, just wanted to touch base with you first.

Thanks!

Kara

Kara Sprague
Environmental Specialist I
FDEP Laboratory - Biology Program
Florida Department of Environmental Protection
Kara.Sprague@Floridadep.gov
Office: 850.245.8826