

From: [Seed, Kathryn](#)
To: [Bowden, Magan](#)
Cc: [DEP-Overflowmicro; Parrish, Jeremy M.](#)
Subject: RE: RQ-2018-07-23-16 collected 7/25/18
Date: Tuesday, July 31, 2018 9:01:21 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

Good morning Magan,

There was a mix up in sample collection time for RQ-2018-07-23-16 Event NE-DIST-2018-07-26-01 Sample 20030388. Per my conversation with Jeremy Parrish, I changed the time for this sample in LIMS to read 9:05. Please let me know if you have any questions.

Have a good day



Katie Seed
OPS Environmental Specialist I
FDEP Laboratory - Biology Program
Florida Department of Environmental Protection
Kathryn.Seed@floridadep.gov
Office: 850.245.8826

From: Seed, Kathryn
Sent: Tuesday, July 31, 2018 8:53 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Cc: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RE: RQ-2018-07-23-16 collected 7/25/18

Thank you. Per your email response, I will have the collection time for sample 20030388 corrected from 9:35 to 9:05 in LIMS.

Have a good day



Katie Seed
OPS Environmental Specialist I
FDEP Laboratory - Biology Program
Florida Department of Environmental Protection
Kathryn.Seed@floridadep.gov
Office: 850.245.8826

From: Parrish, Jeremy M.
Sent: Tuesday, July 31, 2018 8:02 AM
To: Seed, Kathryn <Kathryn.Seed@FloridaDEP.gov>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>
Cc: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RE: RQ-2018-07-23-16 collected 7/25/18

It was the first sample of the day, so it should probably be 905?
This

Hello all,

Here is amended Coc for Tallahassee (correct times).
The coc for overflow ,ALS did not change

thanks
Jeremy Parrish

From: Seed, Kathryn
Sent: Monday, July 30, 2018 4:26 PM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Cc: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Subject: RQ-2018-07-23-16 collected 7/25/18

Good afternoon,

I just wanted to verify the correct collection time for sample 20030388.

Florida Department of Environmental Protection
Central Laboratory Submittal Form

LSJR SW

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: A. Kalmbacher
Sampling Agency: FDEP/NE ROCCollected By: J. Parrish

WIN / FIELD ID



20030388

PETERS CREEK CULVERT SR 315

Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments	
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☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7-25-2018</u> Time <u>0935</u>	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Sal, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 23.7	pH 5.40	Sample Depth 0.3	Sp. Conductance (umho/cm) 57	B

Project Manager <u>Jeremy Parrish</u>	Email Address <u>jeremy.m.parrish@dep.state.fl.us</u>	PRESERVATIVE 8
Company/Agency <u>FDEP</u>	Address <u>8800 Baymeadows Way West</u> <u>Jacksonville, FL 32256</u>	NUMBER OF CONTAINERS E-Coli
Phone # <u>904-256-1700</u>	FAX #	
Sampler's Signature	Sampler's Printed Name	

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	MATRIX																
20030388		7-25-18	0905	SW	1	✓														
20030403			0925		1	✓														
G2NE1140			1010		1	✓														
20030487			1100		1	✓														
20030833			1120		1	✓														
20030667			1140		1	✓														
G2NE1158			1200		1	✓														

Thank you



Katie Seed
OPS Environmental Specialist I
FDEP Laboratory - Biology Program
Florida Department of Environmental Protection
Kathryn.Seed@floridadep.gov
Office: 850.245.8826

RQ-201807-2316

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 7-26-18/9:35

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	4.3	14				✓	
Red	0.8	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 1 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: _____

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: SR

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

Coolers Unpacked/Checked by: SR Date: 7-26-18

NCRs (Y/N)? Y

Event ID: NE-DIST-201807-26-01

NCR # 7152

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken
		L 2	preserved in lab on 7-26-18 @ 11:31 with Nitric Acid

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
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
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: _____

LSJR SW

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

A. Kalmbacher

Project ID: SMP

Collected By: J. Parrish

Sampling Agency:

FDEP / NE ROC

WIN / FIELD ID



20030388

PETERS CREEK CULVERT SR 315

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 0935	<u>Eastern</u> Composite end Date Time	Bottle Group(s) (See pg 2) B
Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 23.7	pH 5.40	Sample Depth 0.3 ☐ ft ☒ m	
Sp. Conductance (umho/cm) 57			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments

Field / WIN ID:



20030403

Peters Creek @ SR 16

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 9:25 ^{SR} _{12:10}	<u>Eastern</u> Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 6.51 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 23.4	pH 6.30	Sample Depth 0.3 ☐ ft ☒ m	
Sp. Conductance (umho/cm) 53			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.02	Comments

WIN / FIELD ID



G2NE1140

Unnamed Branch at Brit Place

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 10:10 ^{SR} _{12:26}	<u>Eastern</u> Composite end Date Time	Bottle Group(s) A
Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 6.3 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 23.7	pH 4.27	Sample Depth 0.15 ☐ ft ☒ m	
Sp. Conductance (umho/cm) 67			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments

WIN / FIELD ID



20030487

BULL CR NE CROSSING CR 215

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 11:00 ^{SR} _{12:26}	<u>Eastern</u> Composite end Date Time	Bottle Group(s) A
Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 6.6 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 23.7	pH 6.43	Sample Depth 0.3 ☐ ft ☒ m	
Sp. Conductance (umho/cm) 55			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.02	Comments

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

J. Kalmbacher 7-25-2018

Fed Ex
1420

2

SK 7-26-17/9:35

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Sent to Contract Lab

LSJR SW

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Field / WIN ID:



20030833

Grog Branch @ Long Bay Rd.

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 11:20	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) 24.4	pH 6.77	Sample Depth .10	☐ ft ☒ m	Sp. Conductance (umho/cm) 112
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments	

FIELD / WIN ID



20030667

Little Black Creek @ SR 220

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 11:40	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) 24.5	pH 6.85	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 118
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments	

Location Little Black Creek @ Tuscarora	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-25-2018 Time 12:10	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID G2NE1158	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 3.17	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C) 24.6	pH 6.75	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 118
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	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: [Signature]	Date/Time 7-25-2018	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By: SR	Date/Time 7-26-18/9:35
---------------------------------	------------------------	---------------------------	---------------------------------	--------------------	---------------------------

1420

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	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: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type: P-120ML-WC-THI NED-AEG-EC	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 → Sent to Contract Lab
Group: B	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 → Sent to Contract Lab

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE OF

ISR#**CAS Contract**

Project Name Lsjr SW 1						Project Number RQ2018-07-23-16								ANALYSIS REQUESTED (Include Method Number and Container Preservative)																					
Project Manager Jeremy Parrish						Email Address @dep.state-fl.us								PRESERVATIVE 8																					
Company/Address FDEP														Preservative Key 0. NONE 1. HCL 2. HNO₃ 3. H₂SO₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO₄ 8. Other ICE																					
8800 Baymeadows Way West																																			
Jacksonville, FL 32256																																			
Phone # 904-256-1700						FAX #								NUMBER OF CONTAINERS E-Coli																					
Sampler's Signature						Sampler's Printed Name																													
CLIENT SAMPLE ID						LAB ID		SAMPLING DATE		TIME		MATRIX																							
20030388								7-25-18		0905		JW																							
20030403										0925																									
G2NE1140										1010																									
20030487										1100																									
20030833										1120																									
20030667										1140																									
G2NE1158										1200																									
SPECIAL INSTRUCTIONS/COMMENTS						TURNAROUND REQUIREMENTS ____ RUSH (SURCHARGES APPLY) ____ STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____								REPORT REQUIREMENTS ____ I. Results Only ____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) ____ III. Results + QC and Calibration Summaries ____ IV. Data Validation Report with Raw Data ____ V. Specialized Forms / Custom Report Edata ____ Yes ____ No								INVOICE INFORMATION PO # _____ BILL TO: _____ _____													
See QAPP ☐						SAMPLE RECEIPT: CONDITION/Cooler Temp: 1.8°C								CUSTODY SEALS: Y N																					
RELINQUISHED BY						RECEIVED BY						RELINQUISHED BY						RECEIVED BY						RELINQUISHED BY						RECEIVED BY					
Signature Amy Kalmbacher						Signature Shannon Stahler						Signature						Signature						Signature						Signature					
Printed Name						Printed Name						Printed Name						Printed Name						Printed Name						Printed Name					
Firm FDEP						Firm AKS						Firm						Firm						Firm						Firm					
Date/Time 7-25-2018						Date/Time 7-25-18 1250						Date/Time						Date/Time						Date/Time						Date/Time					

Distribution: White - Return to Originator; Yellow - Retained by Client

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Date of Request: 18-JUN-2018
 Created By: PARRISH_J On: 18-JUN-2018
 Modified By: SWANSON_C On: 03-JUL-2018
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: LSJR SW

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 02-JUL-2018
 Biology Request Reviewed By: SWANSON_C On: 03-JUL-2018
 Sampling Kit Required: YES Ship on: 13-JUL-2018
 Sampling Kit Shipped: YES On: 10-JUL-2018
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: YES
 Date to Receive Samples: 23-JUL-2018
 Received By:

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

Comments: 1 - case of sulfuric acid
 1 - case of nitric acid
 2 - sets of sulfuric acid labels
 2 - sets of nitric acid labels

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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 using a maximum of 250 mL of sample

Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 4	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Bottle Type: P-500ML	Number of Bottles: 4	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: 4	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 2 Samples:

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-500ML		Number of Bottles: 2	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L	
W-NO2NO3	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: 2	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 Type: P-1L		Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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-SO4-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 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: P-120ML-WC-THI		Number of Bottles: 2	Preserved With: ICE
NED-AEG-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method by Advanced Environmental Laboratory in Gainesville	
Bottle Type: P-500ML		Number of Bottles: 2	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 1 Samples:

Bottle Type: P-250ML-WI-THI		Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville	

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DO NOT USE

ORIGIN ID: TLHA (804) 807-3300
JEREMY PARRISH
FL DEP NORTHEAST DISTRICT
8600 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

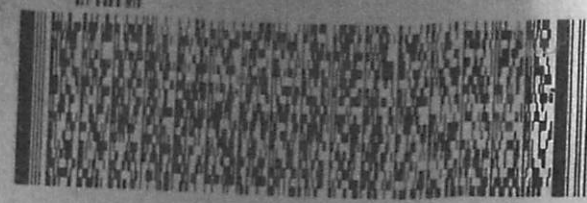
856 1 10:30 B 0388 07.26

TO JOHN WATTS
FLORIDA DEP/CHEMIS
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 246-8077

RMA: 011111



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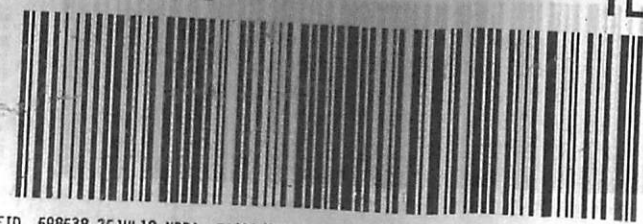
RETURNS MON-FRI

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TRK# 0221 4385 5031 0388

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36 TLHA

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FID 598538 25JUL18 NRBA 546C2/8532/8C8A

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ORIG. FRM. OVERN.

ORIGIN ID: TLHA (904) 807
JEREMY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

RT **856**

1 10:30

B
2450
07.26

FZ

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

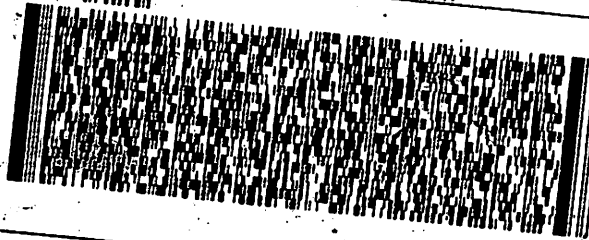
TALLAHASSEE FL 32399

(850) 245-8077
INVT
PO:

REF:

DEPT:

RMA: ||| ||| |||



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FedEx
TRK#
0221 4385 5031 2450

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TLH



FTD 598538 25JUL18 NRBA 546C2/8532/0C8A

Cooler Packing Worksheet for Request: RQ-2018-07-23-16

LSJR SW

Ship Cooler On: 7/13/2018

Customer/Project: NE-DIST/SMP

Assigned To: GREENWOO_J

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577

Attn: Jeremy Parrish

Please return
packing list with
sample submittal
forms.

Comments:

- 1 - case of sulfuric acid ✓
- 1 - case of nitric acid ✓
- 2 - sets of sulfuric acid labels ✓
- 2 - sets of nitric acid labels ✓

Requested Analyses:

Bottle Group: A# of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 00071233

Description: Plastic Bottle 1L

00070681/3Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1222623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 4 Preservation: ICE

Lot # L18005

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00071220

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 00070627

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B# of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00071233

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1803023

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 2 Preservation: ICE

Lot # 60402

Description: 120 ml Sterilized White Cap with tablet

Analysis

NED-AEG-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Laboratory-Gainesville

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00071230

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00071230

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 00070627

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 1

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # L18005

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory

Cooler Packed By: JD

Number of Coolers: 2

Date: 7/9/18

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 <u>Sulfuric Acid</u>	Exp <u>3/26/19</u>	Lot # <u>SA 8085120</u>
ID <u>Nitric Acid</u>	Exp <u>3/21/19</u>	Lot # <u>LA 808070</u>
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-07-23-16