

RQ-2018-11-05-08

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 11/15/18 @ 1:20pm

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
0.8 °C			14		X			4385 503 51116
1.0 °C			14		X			4385 503 9859

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 X Date

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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 X Init: M

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: M

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

Coolers Unpacked/Checked by: Tyler E. Date: 11/15/18 NCRs (Y/N)? N

Event ID: CALOOSA LT 3240A NCR #

Page 1 of 2, 8 SO-DIST-2018-11-15-03 (BMAP) Date Received: 15-NOV-2018

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 #	
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
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 X

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: John Barrington

Project ID: BMAP

Collected By: Gary Snorek

Sampling Agency: 8052 SROC

Lr	Field ID/WIN ID G3SD0108	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/18 Time 0947	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
F	Location USGS Station-PuntaBlanca	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.25	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
V	Temp (C) 27.02	pH 7.54	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 39883	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments		
Lr	Field ID/WIN ID G3SD0109	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/17 Time 1020	Eastern Central	Composite end Date Time	Bottle Group(s)
F	Location USGS Station-ShellPoint	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.25	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
V	Temp (C) 26.57	pH 7.63	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 35405	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments		
Lr	Field ID/WIN ID G3SD0110	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/18 Time 1052	Eastern Central	Composite end Date Time	Bottle Group(s)
F	Location Marker # 76	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.28	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
V	Temp (C) 26.85	pH 7.63	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 24954	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments		
Lr	Field ID/WIN ID G3SD0111	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/18 Time 1135	Eastern Central	Composite end Date Time	Bottle Group(s)
F	Location Marker # 52	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.42	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
V	Temp (C) 27.06	pH 7.47	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 13533	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments		

Relinquished By: John Barrington	Date/Time 11/14/18 1515	Shipping Method fedex	Number of Coolers Shipped: 2	Received By: Tyler R.	Date/Time 11/15/18 01:20p
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Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY W-F						
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	BOD-UNIN						
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-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	4
	W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP W-ICPMS						
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						

NA 8080670 6XP 3/21/19
SA 8197090 EXP 7/16/19

Cooler Packing Worksheet for Request: RQ-2018-11-05-08

CALOOSA LT 3240A

Ship Cooler On: 10/26/2018

Customer/Project: SO-DIST/BMAP

Assigned To: SHAIK_A

Requester: John Barrington

Priority: 3

239-344-5720
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381

Attn: John Barrington

Comments:

No preservatives needed.

Group A: WBID 3240A

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-500ML

Qty: 4 Preservation: ICE

Lot # 50072433

Description: Plastic Bottle 500 mL

Analysis

ALKALINITY

W-F

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

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

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 50071991

Description: Plastic Bottle 1L

Analysis

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1219444

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-125ML

Qty: 4 Preservation: FILTER-H2SO4-ICE

Lot # 00066437

Description: Plastic Bottle 125 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-DOC

Description

Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Container ID: P-500ML

Qty: 4 Preservation: HNO3

Lot # 00072433

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: 4 Preservation: ICE And H2SO4

Lot # 00072433

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 # 00066437

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

PLEASE RETURN ALL COOLERS FOR RQ-2018-11-05-08

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 _____
ID _____
ID _____
ID _____
ID _____
ID _____

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

Cooler Packed By: 1138

Number of Coolers: 2

Date: 10-29-18

Date of Request: 14-AUG-2018
 Created By: BARRINGT_J On: 14-AUG-2018
 Modified By: SWANSON_C On: 19-OCT-2018
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT 3240A

Send Coolers To:

Phone: 239-344-5720
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-OCT-2018
 Biology Request Reviewed By: SWANSON_C On: 19-OCT-2018
 Sampling Kit Required: YES Ship on: 29-OCT-2018
 Sampling Kit Shipped: YES On: 29-OCT-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 05-NOV-2018
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

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

Comments: Group A: WBID 3240A

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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-125ML	Number of Bottles: 4	Preserved With: FILTER-H ₂ SO ₄ -ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: HNO ₃
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		
Zinc		
W-ICPMS	Template: PRTY	(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		
Nickel		
Silver		
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

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H2SO4
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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L