

RQ- 2018-08-13-77

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 08/17/2018 / 09:25

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
<u>Red</u>	<u>1-8C</u>	<u>10</u>				<u>X</u>	
<u>Red</u>	<u>2-1C</u>	<u>15</u>				<u>X</u>	
<u>Red</u>	<u>3-4C</u>	<u>15</u>				<u>X</u>	

*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 X 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 X No _____ **Containers intact? Yes X No _____

**Sufficient Sample Volume: Yes X No _____

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes _____ No X Init: ABS

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: ABS

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

Coolers Unpacked/Checked by: ABS Date: 08/17/2018 NCRs (Y/N)? ✓

Event ID: CALOOSA LT 3240BC NCR # _____
SO-DIST-2018-08-17-03 (BMAP)

Date Received: 17-AUG-2018 09:25

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_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

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: _____

CALOOSA LT 3240BC

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: JB

Project ID: BMAP

Collected By: JOHN BARRINGTON, QUASE CONVEY

Sampling Agency: FDEP SORC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1145	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID	Location	G3SD0112	Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 6.00	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STOR			Temp (C) 30.26	pH 7.69	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 447
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) —	Comments		
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1200	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Location	G3SD0113	Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 4.55	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STOR			Temp (C) 31.12	pH 7.44	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 412
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) —	Comments		
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1210	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Location	G3SD0114	Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 5.33	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STOR			Temp (C) 31.19	pH 7.59	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 411
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) —	Comments		
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1215	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Location	G3SD0115	Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 5.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STOR			Temp (C) 31.56	pH 7.90	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 400
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) —	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	8/16/18 1500	FDEP	5	JB	08-17-18 1525

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
BOD-UNIN						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	8
W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8
W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
W-NO2NO3 W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	8
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 0
BOD-UNIN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	1 0
W-DOC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1 0
W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1 0
W-NO2NO3 W-TKN W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1 0
W-PO4-F						

SA 808576 3/26/19
NA 7341010 12/7/18

STB

No GROUP B
FROM
THIS RA
-JB

CALOOSA LT 32408C

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: JR

Project ID: BMAP

Collected By: JOHN BARRINGTON, CHASE CONLEY

Sampling Agency: FWP SURC

Location		☒ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		A
Location		FRESH		5.72	☐ % sat	(mg/L)		
WIN/STO		Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
MidChannel@OrangeRiver		33.58	7.67	0.3	☒ m	(umho/cm) 403		
Latitude		☐ dd	Longitude		☐ dd	Salinity		Comments
		☐ dms			☐ dms	(ppt)		
Location		☒ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID/WIN ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		A
Location		FRESH		5.72	☐ % sat	(mg/L)		
WIN/STC		Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
Upstream of Power Plant		30.38	7.39	0.3	☒ m	(umho/cm) 348		
Latitude		☐ dd	Longitude		☐ dd	Salinity		Comments
		☐ dms			☐ dms	(ppt)		
Location		☒ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID/WIN ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		A
Location		FRESH		3.96	☐ % sat	(mg/L)		
WIN/STI		Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
Mid Channel off Oxbow		30.56	7.41	0.3	☒ m	(umho/cm) 307		
Latitude		☐ dd	Longitude		☐ dd	Salinity		Comments
		☐ dms			☐ dms	(ppt)		
Location		☒ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		A
Location		FRESH		4.05	☐ % sat	(mg/L)		
WIN/STO		Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
Mid channel off point		30.83	7.33	0.3	☒ m	(umho/cm) 308		
Latitude		☐ dd	Longitude		☐ dd	Salinity		Comments
		☐ dms			☐ dms	(ppt)		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	8/16/18 1500	FEDEX	5	FRB	8/18/18 19:25

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
BOD-UNIN						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-1 CE	Enter Number of Bottles Sent to Lab	8
W-D-OC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8
W-ICP						
W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
W-NO2NO3						
W-TKN						
W-TOC						
SA 8095170 3/26/19						
NA 7341016 12/7/18						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	8
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
BOD-UNIN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-1 CE	Enter Number of Bottles Sent to Lab	0
W-D-OC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
W-ICP						
W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
W-NO2NO3						
W-TKN						
W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
W-PO4-F						

Date of Request: 30-JUL-2018
 Created By: BARRINGT_J On: 30-JUL-2018
 Modified By: SWANSON_C On: 01-AUG-2018
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT 3240BC

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: R

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 31-JUL-2018

Biology Request Reviewed By: SWANSON_C On: 01-AUG-2018

Sampling Kit Required: YES Ship on: 03-AUG-2018

Sampling Kit Shipped: YES On: 02-AUG-2018

Sampling Kit Packed By: REAVES_S

Preservatives Needed: NO

Date to Receive Samples: 13-AUG-2018

Received By: SHAIK_A On: 17-AUG-2018

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 3240B AND 3240C
 Group B: Field Blank

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 8	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		
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: 8	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/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: 8	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 Group B (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	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: 1	Preserved With: ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
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		
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: 1	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/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

ORIGIN ID: TLHA (239) 344-5720
JOHN BARRINGTON
FDEP SOUTH DISTRICT OFFICE
2285 VICTORIA AVE SUITE 384

SHIP DATE: 02AUG18
ACTWGT: 15.00 LB MAN
CAD: 0446870/CAFE3210

FORT MYERS, FL 33901
UNITED STATES US

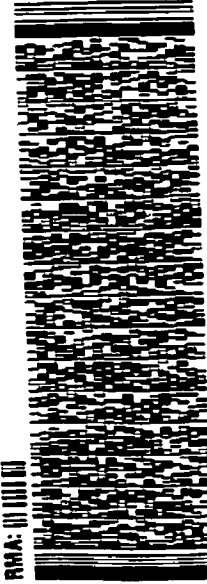
TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
REF: 0221

DEPT: 1

RMA: 11111111



FedEx
Express



RETURNS MON - FRI
PRIORITY OVERNIGHT

TRK# 4385 5032 0448
0221

32399

FRI - 17 AUG 10:30A
PRIORITY OVERNIGHT

FedEx
TRK# 4385 5032 0448
0221

32399

FL-US
TLH

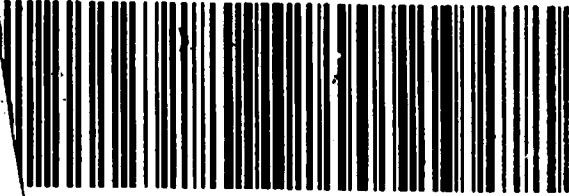
XH TLHA



FID 643454 16AUG18 PGDA 546C1/3389/8C8A

16AUG18 PGDA 546C1/3389/8C8A

TLHA



385 5031 9742
STANDARD OVERNIGHT

32399
FL-US
TLH

RETURNS MON - FRI

FRI - 17 AUG AA

ORIGIN ID: TLHA (239) 344-5719
KIRBY WOLFE
FLOEP SOUTH DISTRICT OFFICE
2285 VICTORIA AVE.
SUITE 384
FORT MYERS, FL 33801
UNITED STATES US

SHIP DATE: 01AUG18
ACTWGT: 10.00 LB MAN
CAD: 0446870/CAFE3210

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

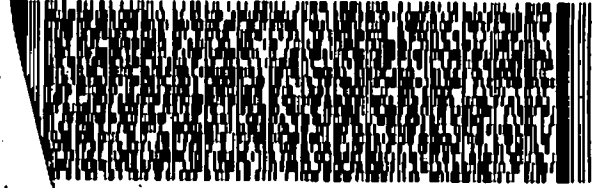
TALLAHASSEE FL 32399

(850) 245-8077

REF: 1

DEPT: 1

RMA: 11111111



FedEx
Express



J181110042001W

INFO: 4300 0001 0000

ORIGIN ID: TLHA (239) 344-5719

KIRBY WOLFE
FLOEP SOUTH DISTRICT OFFICE
2285 VICTORIA AVE.

SUITE 384
FORT MYERS, FL 33801
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF: 1

DEPT: 1

RMA: 11111111



FedEx
Express



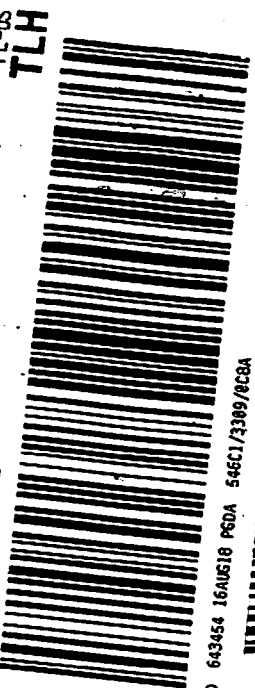
FedEx
TRK# 4385 5031 6088
0221

FRI - 17 AUG 10:30A
PRIORITY OVERNIGHT

32399

FL-US
TLH

XH TLHA



FID 643454 16AUG18 PGDA 546C1/3389/8C8A