

RQ- 2020-02-10-24

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/12/2020 @ 10:10

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler SM 2/12/20	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
28				12		✓			12784011 6750
1.0				8		✓			12784011 7209

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: ☐

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: IMW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☐ Init: IM

Coolers Unpacked/Checked by: IM Date: 2/12/2020

NCRs (Y/N)? ☒

Event ID: Chaz, Bluebird, Highland
SW-DIST-2020-02-12-01 (SMP)
Date Received: 12-FEB-2020 10:10

NCR # ☐

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_02_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 6/1/20
Chlorine Test Strips Lot #	7226 EXP:7/2020

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: _____

Request Number: RQ-2020-02-10-24

Chaz, Bluebird, Highland

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 3

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: BP

Collected By: Ben Paswater, Sarah Meyer

Sampling Agency: SWROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/11/20 Time 1020		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID/WIN G5SW0064		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.85		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B	
Site Name: Chassahowitzka River @ Start of WBID		Temp (C) 22.3		pH 6.85		Sample Depth 0.3		Sp. Conductance (umho/cm) 4806			
☐ dd ☐ dms		Salinity (ppt) 2.58		Comments							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/11/20 Time 1035		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID/WIN G5SW0065		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.67		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B	
Site Name: Chassahowitzka River Downstream of Houses		Temp (C) 22.1		pH 7.50		Sample Depth 0.3		Sp. Conductance (umho/cm) 5944			
☐ dd ☐ dms		Salinity (ppt) 3.24		Comments							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/11/20 Time 1100		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID/WIN G5SW0066		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.96		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B	
Site Name: Chassahowitzka River @ Island Compou		Temp (C) 20.7		pH 7.63		Sample Depth 0.3		Sp. Conductance (umho/cm) 15498			
☐ dd ☐ dms		Salinity (ppt) 9.07		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		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By: Ben Paswater	Date/Time: 2/11/20 4pm	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: IM	Date/Time: 2/12/20 10:10
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Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-ENQ					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-FC					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					

Request Number: RQ-2020-02-10-24

Chaz, Bluebird, Highland

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/11/20 Time 1300		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)			
Field ID/WIN G5SW0028		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.20		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A			
Site Name: Blue Bird Spring		Temp (C) 23.6		pH 6.83		Sample Depth 0.3		☐ ft ☒ m				Sp. Conductance (umho/cm) 475.8	
☐ dd ☐ dms		Salinity (ppt)		Comments									
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/11/20 Time 1350		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)			
Field ID/WIN G5SW0153		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.08		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A			
Site Name: Highland Lake		Temp (C) 25.2		pH 6.39		Sample Depth 0.3		☐ ft ☒ m				Sp. Conductance (umho/cm) 76.1	
☐ dd ☐ dms		Salinity (ppt)		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							
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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: IM	Date/Time 2/12/20 10:10
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Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to AEL
	SW-AEL-ENQ						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to AEL
	SW-AEL-FC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F					



Advanced
Environmental Laboratories, Inc.

☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☒ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☐ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496				
Phone: 813-470-5770		Project Address:				
Contact: Judy Ashton 813-470-5772		Special Instructions:				
Sampled By:		RQ-2020-02-10-24		Enter	Fecal Coliform	
Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQUiS ☐ Other				
Page: 1 of 1						

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRE SER VATI ON					
			DATE	TIME								
Field ID/WIN G5SW0064			2/11/20	1020	SW	2			1	1		
Site Name: Chassahowitzka River @ Start of WBID												
Field ID/WIN G5SW0065			↓	1035	SW	2			1	1		
Site Name: Chassahowitzka River Downstream of Houses												
Field ID/WIN G5SW0066			↓	1100	SW	2			1	1		
Site Name: Chassahowitzka River @ Island Compou												

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfat)

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked

Temperature when received _____ (in degrees celci)

DCN: AD-051 Form last revised 04/30/2015

Relinquished by: Brown Date: 2/11/20 Time: 10:45 Received by: [Signature] Date: 2/10/20 Time: 1545

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

FOR DRINKING WATER USE:

PWS ID: _____

Date of Request: 14-JAN-2020
 Created By: ASHTON_J On: 14-JAN-2020
 Modified By: JASROTIA_P On: 21-JAN-2020
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Chaz, Bluebird, Highland

Send Coolers To:

Phone: 813-470-5772
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 21-JAN-2020
 Sampling Kit Required: YES Ship on: 31-JAN-2020
 Sampling Kit Shipped: YES On: 28-JAN-2020
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 10-FEB-2020
 Received By:

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

Comments: Group A: Freshwater

Group B: Marinewater, Entero & Fecal

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) 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-500ML	Number of Bottles: 2	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 2	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 3 Samples:

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-125ML	Number of Bottles: 3	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: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
SW-AEL-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by AEL in Tampa
Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SW-AEL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by AEL in Tampa
Bottle Type: P-500ML	Number of Bottles: 3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices