

WBID 2056A

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Corey R. Anderson

Field Report Prepared By:

Project ID: SMP

Collected By:

J. Udvari/CHEVWQMN

Sampling Agency:

Melynda Brown
CHEVWQMN CHAP

Location Charlotte Harbor		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/7/2016 Time 6:54		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID CHV006		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # CHV006		Temp (C)		pH 7.65	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 27.60		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)			
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)	
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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)			
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: <i>RLW</i>	Date/Time 11/8/16 10:51
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Group: A Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-COLOR
W-F
W-TSS

Group: A Bottle Type: P-500ML # of Bottles: 1 Preservative: HNO3 Enter Number of Bottles Sent to Lab _____

W-ICP
W-ICPMS

Group: A Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network YSI Field Data Sheet- V. 5/16

Site # CHV006 Date 11/7/16 Time Start 0626 Time End 0707 Sunrise time 0642
 Meter Monitor Joe Udwari Sample Monitor Joe Udwari
 Estuary Region: (check one) ☒ Charlotte Harbor ☐ Estero Bay ☐ Gasparilla Sound ☐ Lemon Bay
☐ Matlacha Pass ☐ Pine Island Sound ☐ San Carlos Bay
 Waterbody name: Gilchrist Park Pier in front of Gordon's YSI ProPlus Meter SN #: 13D100027

Wind Direction:	N	<u>NE</u>	E	SE	S	SW	W	NW	Direction: <u>NE</u>
Wind Speed:	0-1 mph	<u>4-7 mph</u>	13-18 mph	25-31 mph	Speed: <u>9</u>				
	2-3 mph	<u>8-12 mph</u>	19-24 mph	≥ 32 mph					
Weather:	<u>1= sunny</u>		3= overcast		5= drizzle		# : <u>2</u>		
	<u>2= partly cloudy</u>		4= fog/haze		6= rain				
Precipitation:	(amount in inches for last 24 hours) <u>None</u>								Inches: <u>0.0</u>
Air temperature:									<u>17.6</u> °C
Water surface conditions:									# : <u>3</u>
1= Calm	2= Ripples	<u>3= Waves</u>		4= White caps					
Tide stage:	1= Incoming	<u>2= High Slack</u>		3= Outgoing	4= Low Slack		# : <u>2</u>		
Secchi Depth:									Secchi Average:
(to nearest .1 m)	<u>Disappear: > .B</u> m		<u>Reappear: > .B</u> m		<u>> .B</u> m				
Water depth: (to nearest .1 m)									Depth: <u>1.4</u> m
Water Temperature:									<u>22.9</u> °C
Dissolved Oxygen:	Barometer reading: <u>765.7</u> mm Hg								Dissolved Oxygen:
	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)			
Calibrate	<u>11/7/16</u>	<u>0634</u>	Calibrate at 100% humidity		<u>23.0</u>			<u>5.82</u> mg/L	
ICV	<u>11/7/16</u>	<u>0635</u>	<u>8.67</u>	<u>99.6</u>	<u>22.7</u>	Y	N	<u>77.0</u> %	
Verify	<u>11/7/16</u>	<u>0645</u>	<u>9.19</u>	<u>100.3</u>	<u>20.0</u>	Y	N		
pH:	Lot #s 7: <u>3905</u> 10: <u>2510858</u> 4: <u>N/A</u>								pH reading:
	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)			
Check	<u>11/7/16</u>	<u>0508</u>	<u>xxxxx</u>	<u>7.06</u>	<u>10.00</u>	Y	N	<u>7.76</u>	
Calibrate	<u>11/7/16</u>	<u>N/A</u>	Calibrate with 7 and 10 pH buffers			Y	N	<u>N/A</u>	
ICV	<u>11/7/16</u>	<u>N/A</u>	<u>xxxxx</u>	<u>xxxxx</u>		Y	N		
Verify	<u>11/7/16</u>	<u>0647</u>	<u>N/A</u>	<u>7.19</u>	<u>N/A</u>	Y	N		
Sp. Conductance (ms/cm):	Lot# 50: <u>15M100211</u> 10: <u>2606B89</u>								Salinity ppt:
	Date	Time	50 standard	10 standard	Pass (± 5%, office only)				
Check	<u>11/7/16</u>	<u>0501</u>	<u>49.8</u>	<u>xxxxx</u>	Y	N		<u>23.26</u>	
Calibrate	<u>11/7/16</u>	<u>0503</u>	Calibrate with 50 ms/cm standard		Y	N	<u>N/A</u>	Sp. Cond. (ms/cm):	
ICV	<u>11/7/16</u>	<u>0504</u>	<u>50.0</u>	<u>xxxxx</u>	Y	N		<u>36.74</u>	
Verify	<u>11/7/16</u>	<u>0651</u>	<u>xxxxx</u>	verify w/ 10	<u>9.71</u>	Y	N		
Water Color Observed:	<u>Light Brown</u>								# : <u>10</u>
1= Med Brown	3= Red brown	5= Green	7= Yellow Brown	9= Blue					
2= Dark Brown	4= Green Brown	6= Yellow Green	8= Green Blue	10= Other					
Collect & Ice Chlorophyll a Sample**	<u>Yes</u>	No			Record same time on all bottles		Samp. Collect. Time:		
Collect & Ice Phosphorus/Nitrogen**	<u>Yes</u>	No					<u>0654</u>		
Collect & Ice Color/Turbidity Sample**	<u>Yes</u>	No							
Collect & Ice Fecal Coliform Sample**	<u>Yes</u>	No							

*Surface water collected at 0.5m depth using intermediate plastic bucket

Observations and Comments:

Boats Nearby: 5 Crab Pots Nearby: 0
 Tide: High 0713 (1.7')
 Moon: 46% Waxing

Also collected sample preserved w/ HNO₃Blank collected? Y N Time:Duplicate collected? Y N Time:

Collect & Ice Chlorophyll a	Yes	No
Collect & Ice Phosph./Nitrogen	Yes	No
Collect & Ice Color/Turbidity	Yes	No
Collect & Ice Fecal Coliform	Yes	No

Observer: Allyson Genson/CHAP, Env. Spec. I

Date of Request: 07-JUN-2016
 Created By: ANDERSON_C On: 07-JUN-2016
 Modified By: WATTS_J On: 30-AUG-2016
 Customer: SO-DIST
 Project: SMP
 Division: Office of Coastal and Aquatic Managed Areas
 District:
 Sampling Event: WBID 2056A

Send Coolers To:

Phone: 941-575-5861
 Charlotte Harbor Aquatic Preserves
 12301 Burnt Store Rd
 Punta Gorda, FL 33955
 Attn: Melynda Brown

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 30-AUG-2016
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 16-SEP-2016
 Sampling Kit Shipped: YES On: 16-SEP-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 01-NOV-2016
 Received By: BOWDEN_M On: 08-NOV-2016

Send Final Report To:

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

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

Comments:**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-1L	Number of Bottles: 1	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-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-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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

Log-in Checklist

RQ- 2016-09-26-02

Shipping Method: Fed Ex

Date/Time of Receipt: 11/8/16/1015A

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Blue	1.8°C	3		✓			

*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

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 (Blue dot on container)

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: MB

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

Coolers Unpacked/Checked by: RKW Date: 11/8/16 NCRs (Y/N)? N

Event ID: SO-DIST-2016-11-08-02 NCR #

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

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 _____ No _____

If 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: _____

Additional Comments:

Package
US AirbillFedEx
Tracking
Number

8103 9283 4790

1 From
Date 11/7/2016
Sender's Name Arielle Taylor-Manges 941 575-5861
P. Charlotte Harbor AP
201 Bunt Store Rd.
City La Grada State FL ZIP 33955

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING Phone 850 245-8085
Company FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD location address or for continuation of your shipping address.
City TALLAHASSEE State FL ZIP 32399

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.



8103 9283 4790

0124031825

Form
ID No. 0215

Recipient's Copy

4 Express Package Service *To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.

☐ FedEx Standard Overnight
Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.†
Second business morning.*
Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.

☐ FedEx Express Saver
Third business day.*
Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.

☐ FedEx Envelope*☐ FedEx Pak*☐ FedEx
Box☐ FedEx
Tube☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without
obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address
may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.
☐ No ☐ Yes
As per attached
Shipper's Declaration. ☐ Yes
Shipper's Declaration
not required.

☐ Dry Ice
Dry ice, 9 UN 1845 x kg
☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.
Acct. No. ☐

☐ Sender
Acct. No. In Section
1 will be billed.

☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

†Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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