

WBID 2056A

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Corey R. Anderson

Field Report Prepared By:

Melynda Brown

Project ID: SMP

Collected By: J. Idwan

Sampling Agency:

DEP

Location <u>Charlotte Harbor</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/7/16</u> Time <u>6:46</u>		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID <u>CHV006</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>6.48</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # <u>CHV006</u>		Temp (C) <u>18.2</u>	pH <u>7.36</u>	Sample Depth <u>0.5</u>	☒ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude <u>26.93403</u>	☒ dd ☐ dms	Longitude <u>-82.05747</u>	☒ dd ☐ dms	Salinity (ppt) <u>14.13</u>	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				

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Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
<u>M Brown</u>	<u>3/7/16 10:00</u>	<u>FedEx</u>	<u>CU</u>	<u>3/8/17 9:45</u>				

Group: A

Bottle Type:

of Bottles: 3

Preservative:

ICE + HNO₃

Enter Number of Bottles Sent to Lab _____

ALKALINITY

TURBIDITY

W-F

W-ICP

W-ICPMS

W-NH₃W-NO₂NO₃

W-S-A-TP

W-TKN

W-TOC

W-TSS

Need Sp conductivity calibration solution

Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network Field Data Sheet- Version 1/14

REMEMBER: Print darkly and clearly, if assigned a BLANK do it FIRST!

Site # CHV006 Date 3/7/16 Time Start 0631 Time End 0659 Sunrise time 0645

Monitor Joe Udvari Monitor N/A

Estuary Region: (check one) ☒ Charlotte Harbor ☐ Estero Bay ☐ Gasparilla Sound ☐ Lemon Bay

☐ Matlacha Pass ☐ Pine Island Sound ☐ San Carlos Bay

Waterbody name: Gilchrist Pt. Pier Punta Gorda, FL YSI ProPlus Meter SN #: 13D100027

Wind Direction:		N NE <u>E</u> SE S SW W NW							Direction:	<u>E</u>			
Wind Speed:		0-1 mph 2-3 mph		<u>4-7 mph</u> 8-12 mph		13-18 mph 19-24 mph		25-31 mph ≥ 32 mph		Speed:	<u>5</u>		
Weather:		1= sunny <u>2= partly cloudy</u>		3= overcast 4= fog/haze		5= drizzle 6= rain				#:	<u>2</u>		
Precipitation:		(amount in inches for last 24 hours) <u>None</u>									Inches:	<u>0.00</u>	
Air temperature:		<u>56</u>										<u>12.9</u> °C	
Water surface conditions:		1= Calm <u>2= Ripples</u> 3= Waves 4= White caps									#:	<u>2</u>	
Tide stage:		1= Incoming 2= High Slack <u>3= Outgoing</u> 4= Low Slack									#:	<u>3</u>	
Secchi Depth: (to nearest .1 m)		Disappear: <u>> .B</u> m									Secchi Average:		<u>> .B</u> m
Water depth: (to nearest .1 m)		Reappear: <u>> .B</u> m									Depth:		<u>0.7</u> m
Water Temperature:											18.2 °C		18.3
Dissolved Oxygen:		Calibration date: <u>3/7/16</u> Calibration time: <u>0638</u>									DO reading:		
DO%: <u>99.6</u> %		Calibrate		DO%: <u>100.2</u> %		Verify		DO: <u>9.68</u> mg/L		6.48		6.41	
Air temp: <u>20.1</u> °C		DO mg/L: <u>9.27</u> mg/L		Air temp: <u>17.1</u> °C		9.65				mg/L			
Barometer: <u>767.9</u> mm Hg													
pH:		Calibration date: <u>3/7/16</u> Calibration time: <u>0507</u>									pH reading:		
Check		Calibrate		Lot #s		Verify- either 7 or 10 ✓		pH 7: <u>7.01</u>		7.36		7.24	
pH 7: <u>7.01</u>		pH 7: <u>7.01</u>		pH 7: <u>2504649</u>		pH 7: <u>7.18</u>							
pH 10: <u>9.96</u>		pH 10: <u>10.01</u>		pH 10: <u>4005</u>		pH 10: <u>N/A</u>							
Sp Conductivity (mS/cm):		Calibration date: <u>3/7/16</u> Calibration time: <u>0455</u>									Salinity:		
Check		Calibrate		Lot #		Verify		50 ms/cm: <u>50.02</u>		14.13		14.14	
50 ms/cm: <u>50.02</u>		50 ms/cm: <u>50.00</u>		50 ms/cm: <u>15E100188</u>		50 ms/cm: <u>48.75</u> ✓				ppt			
Water Color Observed:		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									#:		<u>1</u>
Collect & Ice Chlorophyll a Sample?		<u>Yes</u>		No		Record same time on		Time:		0646			
Collect & Ice Phosphorus/Nitrogen? Record time		<u>Yes</u>		No		all samples with pen							
Collect & Ice Color/Turbidity Sample? ⇒		<u>Yes</u>		No									
Collect & Ice Fecal Coliform Whirl pack?		<u>Yes</u>		No									

Observations and Comments: Boats anchored nearby: 8 Crab pots nearby: 0
Low Tide 0835 (-0.4') Moon: 1% waning (new moon 3/8/16)

NOTES: 1) Collected extra sample in bottle w/ nitric acid preservative for metals analysis @ 0645
 2) Fecal coliform bottle had moisture droplets & partially dissolved tablet but seal intact.

Date of Request: 04-FEB-2016
 Created By: ANDERSON_C On: 04-FEB-2016
 Modified By: WATTS_J On: 09-FEB-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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-FEB-2016
 Biology Request Reviewed By:
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 29-FEB-2016
 Received By:

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-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- 2016-02-29-30

Shipping Method: Fedex

Date/Time of Receipt: 3/8/16 9:45

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	4.0	3		✓			8085 0982 9303

*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: MB

Coolers Unpacked/Checked by: cu Date: 3/8/16 NCRs (Y/N)? N

Event ID: SO-DIST-2016-03-08-03 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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: