

Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network YSI Field Data Sheet- V. 8/18

Site # CHV015 Date 5/3/2021 Time Start 6:20am Time End 7:40am Sunrise time 6:47amMeter Monitor Jim Story Sample Monitor Andrea Story
Estuary Region: (check one) ☒ Charlotte Harbor ☐ Estero Bay ☐ Gasparilla Sound ☐ Lemon Bay☐ Matlacha Pass ☐ Pine Island Sound ☐ San Carlos BayWaterbody name: Myrtle Slough YSI ProPlus Meter SN #: 153886

Wind Direction:	N	NE	E	<u>(SE)</u>	S	SW	W	NW	Direction:
Wind Speed:	0-1 mph	4-7 mph	13-18 mph	25-31 mph	≥ 32 mph	Speed:			
Weather:	1= sunny	2= partly cloudy	3= overcast	4= fog/haze	5= drizzle	6= rain	#:		
Precipitation:	(amount in inches for last 24 hours)								Inches:
Air temperature:									<u>21.5</u> °C
Water surface conditions:	1= Calm	2= Ripples	3= Waves	4= White caps	#:				
Tide stage:	1= Incoming	2= High Slack	3= Outgoing	<u>4= Low Slack</u>	#:				
Secchi Depth:	(to nearest .1 m) Disappear: <u>1.9</u> m Reappear: <u>1.8</u> m								Secchi Average:
Water depth:	(to nearest .1 m)								Depth: <u>2.1</u> m
Water Temperature:									<u>27.3</u> °C
Dissolved Oxygen:	Barometer reading: <u>759.9</u> mm Hg								Dissolved Oxygen:
Calibrate	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)			<u>2.84</u> mg/L
ICV	<u>5/3/21</u>	<u>6:30am</u>	<u>8.51</u>	<u>100.3</u>	<u>23.6</u>	<u>Y</u>	N		<u>36.5</u> %
Verify	<u>5/3/21</u>	<u>7:03am</u>	<u>8.65</u>	<u>101.7</u>	<u>23.5</u>	<u>Y</u>	N		
pH:	Lot #s 7: <u>2009C390</u> 4: <u>2007D57</u>								pH reading:
Check	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)			<u>7.89</u>
Calibrate	<u>05/02/21</u>	<u>7:58pm</u>	<u>XXXXXX</u>	<u>7.08</u>	<u>10.08</u>	<u>Y</u>	N	<u>N/A</u>	
ICV	<u>05/02</u>	<u>N/A</u>	<u>XXXXXX</u>	<u>XXXXXX</u>		<u>Y</u>	N		
Verify	<u>05/03/21</u>	<u>7:07am</u>	<u>OR</u>	<u>OR</u>	<u>10.11</u>	<u>Y</u>	N		
Sp. Conductance (ms/cm):	Lot# 50: <u>19 G10083</u> 10: <u>20028922912745</u>								Salinity ppt:
Check	Date	Time	50 standard	10 standard	Pass (± 5%, office only)			<u>2.47</u>	
Calibrate	<u>05/02/21</u>	<u>7:44am</u>	<u>42.71</u>	<u>XXXXXX</u>	<u>Y</u>	N			
ICV	<u>05/02/21</u>	<u>7:45pm</u>	<u>50.0</u>	<u>XXXXXX</u>	<u>Y</u>	N	<u>N/A</u>	Sp. Cond. (ms/cm):	
Verify	<u>05/03/21</u>	<u>7:23am</u>	<u>XXXXXX</u>	verify w/ 10	<u>9.97</u>	<u>Y</u>	N	<u>4.65</u>	
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 all bottles						Samp. Collect. Time:
Collect & Ice Phosphorus/Nitrogen*?	<u>Yes</u>	No							
Collect & Ice Color/Turbidity Sample*?	<u>Yes</u>	No							
Collect & Ice Entero OR E.Coli Sample*?	<u>Yes</u>	No							

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

Observations and Comments:

2 manatee going upstream ☺
 Flocks of Black Bellied Whistling ducks
 overhead → N, NE

Blank collected? Y (N) Time:Duplicate collected? Y (N) Time:

Collect & Ice Chlorophyll a

Collect & Ice Phosph./Nitrogen

Collect & Ice Color/Turbidity

Collect & Ice Entero OR E.coli

Yes

Yes

Yes

Yes

No

No

No

No

circle Y or N

circle Y or N

circle Y or N

circle Y or N