

Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network YSI Field Data Sheet- V. 5/20

Site # CHV015 Date 8-2-21 Time Start 745 Time End 826 Sunrise time 653 AM
 Meter Monitor A. Sadler Sample Monitor A. Sadler
 Estuary Region: (check one) ☐ Charlotte Harbor ☐ Estero Bay ☐ Gasparilla Sound ☐ Lemon Bay
☐ Matlacha Pass ☐ Pine Island Sound ☐ San Carlos Bay

Waterbody name: Myrtle Slough YSI ProPlus Meter SN #: 18B101812

Wind Direction:	N	NE	E	SE	S	SW	W	NW	Direction:	<u>SE</u>
Wind Speed:	0-1 mph	4-7 mph	13-18 mph	25-31 mph	2-3 mph	8-12 mph	19-24 mph	≥ 32 mph	Speed:	<u>4.7</u>
Weather:	1= sunny	2= partly cloudy	3= overcast	4= fog/haze	5= drizzle	6= rain	#:			<u>2</u>
Precipitation:	(amount in inches for last 24 hours)								Inches:	
Air temperature:									°C	<u>27.5</u>
Water surface conditions:	1= Calm	2= Ripples	3= Waves	4= White caps	#:					<u>1</u>
Tide stage:	1= Incoming	2= High Slack	3= Outgoing	4= Low Slack	#:					<u>1</u>
Secchi Depth:	(to nearest .1 m) Disappear: <u>0.8</u> m Reappear: <u>0.7</u> m								Secchi Average:	<u>7.5</u> m
Water depth:	(to nearest .1 m)								Depth:	<u>2.5</u> m
Water Temperature:									°C	<u>31.4</u>
Dissolved Oxygen:	Barometer reading: <u>762.4</u> mm Hg								Dissolved Oxygen:	
Calibrate	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)			mg/L	<u>2.63</u>
ICV	<u>8-2</u>	<u>734</u>	Calibrate at 100% humidity	<u>25.4</u>	<u>25.4</u>	Y	N		%	<u>34.7</u>
Verify	<u>8-2</u>	<u>855</u>	<u>8.20</u>	<u>100.1</u>	<u>24.9</u>	Y	N			
pH:	Lot #s 7: <u>210601</u> 10: <u>4102002</u> 4:								pH reading:	
Check	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)				
Calibrate	<u>8-1</u>	<u>1005</u>	xxxxxx	<u>7.22</u>	<u>10.13</u>	Y	N			<u>7.06</u>
ICV	<u>8-1</u>	<u>1013</u>	Calibrate with 7 and 10 pH buffers			Y	N	N/A		
Verify	<u>8-1</u>	<u>1014</u>	xxxxxx	xxxxxx	<u>10.00</u>	Y	N			
Sp. Conductance (ms/cm):	Lot# 50: <u>200100210</u> 10: <u>2107973</u>								Salinity ppt:	
Check	Date	Time	50 standard	10 standard	Pass (± 5%, office only)					
Calibrate	<u>8-1</u>	<u>1017</u>	<u>49.6</u>	xxxxxx	Y	N			<u>0.24</u>	
ICV	<u>8-1</u>	<u>1022</u>	Calibrate with 50 ms/cm standard		Y	N	N/A		Sp. Cond. (ms/cm):	
Verify	<u>8-2</u>	<u>868</u>	xxxxxx	verify w/ 10	<u>9.95</u>	Y	N		<u>0.51</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								#:	
Collect & Ice Chlorophyll a Sample*?	Yes	No	Record same time on all bottles					Samp. Collect. Time:		
Collect & Ice Phosphorus/Nitrogen*?	Yes	No						<u>753</u>		
Collect & Ice Color/Turbidity Sample*?	Yes	No								
Collect & Ice Bacteria Sample*?	Yes	No								

*Surface water collected at 0.5m depth using plastic bucket

Observations and Comments:

collected for metals

Blank 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 Bacteria	Yes	No	