

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

Site # C4W015 Date 9/23/21 Time Start 720 Time End _____ Sunrise time _____
 Meter Monitor A. Sadler Sample Monitor _____
 Estuary Region: (check one) _____ Charlotte Harbor _____ Estero Bay _____ Gasparilla Sound _____ Lemon Bay _____
 _____ Matlacha Pass _____ Pine Island Sound _____ San Carlos Bay _____

Waterbody name: _____

YSI ProPlus Meter SN #: 18B101815

Wind Direction:	N	NE	E	SE	S	SW	W	NW	Direction:
Wind Speed:	0-1 mph	4-7 mph	13-18 mph	25-31 mph	Speed:				
Weather:	1= sunny	3= overcast	#:						
Precipitation:	2= partly cloudy	4= fog/haze	5= drizzle	6= rain	Inches:				
Air temperature:	(amount in inches for last 24 hours)								°C
Water surface conditions:	1= Calm	2= Ripples	3= Waves	4= White caps	#:				
Tide stage:	1= Incoming	2= High Slack	3= Outgoing	4= Low Slack	#:				
Secchi Depth:	(to nearest .1 m) Disappear: <u>0.7</u> m Reappear: <u>0.6</u> m								Secchi Average:
Water depth:	(to nearest .1 m)								<u>0.65</u> m
Water Temperature:	Depth: <u>3.1</u> m								°C
Dissolved Oxygen:	Barometer reading: <u>757.8</u> mm Hg								Dissolved Oxygen:
Calibrate	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)			<u>43.66</u> mg/L
ICV	<u>9/23/21</u>	<u>728</u>	<u>8.25</u>	<u>100.1</u>	<u>25.2</u>	Y N			<u>46.1</u> %
Verify	<u>9/23/21</u>	<u>826</u>	<u>8.53</u>	<u>99.7</u>	<u>23.1</u>	Y N			
pH:	Lot #s 7: <u>2106017</u> 10: <u>4104E04</u>								pH reading:
Check	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)			<u>6.44</u>
Calibrate	<u>9/22/21</u>	<u>16:11</u>	XXXXXX	<u>7.14</u>	<u>10.10</u>	Y N			
ICV	<u>9/22/21</u>	<u>16:21</u>	Calibrate with 7 and 10 pH buffers			Y N N/A			
Verify	<u>9/23/21</u>	<u>8:13</u>	XXXXXX	XXXXXX	<u>10.00</u>	Y N			
Sp. Conductance (ms/cm):	Lot# 50: <u>219100091</u> 10: <u>2107913</u>								Salinity ppt:
Check	Date	Time	50 standard	10 standard	Pass (± 5%, office only)			<u>0.07</u>	
Calibrate	<u>9/22/21</u>	<u>16:23</u>	<u>47.49</u>	XXXXXX	Y N				
ICV	<u>9/22/21</u>	<u>16:25</u>	Calibrate with 50 ms/cm standard			Y N N/A			
Verify	<u>9/23/21</u>	<u>8:18</u>	<u>50.0</u>	XXXXXX	Y N				
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								Sp. Cond. (ms/cm):
Collect & Ice Chlorophyll a Sample*?	Yes No								<u>0.147</u>
Collect & Ice Phosphorus/Nitrogen*?	Yes No								#:
Collect & Ice Color/Turbidity Sample*?	Yes No								Samp. Collect. Time:
Collect & Ice Fecal Coliform Sample*?	Yes No								<u>728</u>

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

Observations and Comments:

- collected metals

Blank collected?	Y	N	Time:
Duplicate collected?	Y	N	Time:
Collect & Ice Chlorophyll a	Yes	No	
Collect & Ice Phosph./Nitrogen	Yes	No	