

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

Site # LBU 603 Date 5/3/2021 Time Start 6:47 Time End 7: Sunrise time 6:47
 Meter Monitor Robert Kinsley Sample Monitor Robert Wildermuth
 Estuary Region: (check one) ☐ Charlotte Harbor ☐ Estero Bay ☐ Gasparilla Sound ☒ Lemon Bay
☐ Matlacha Pass ☐ Pine Island Sound ☐ San Carlos Bay
 Waterbody name: Lemon Bay YSI ProPlus Meter SN #: 18B101805

Wind Direction:	N	<u>(NE)</u>	E	SE	S	SW	W	NW	Direction:	<u>NE</u>		
Wind Speed:	0-1 mph	4-7 mph	13-18 mph	25-31 mph						Speed:	<u>2-3</u>	
	2-3 mph	8-12 mph	19-24 mph	≥ 32 mph								
Weather:	1= sunny	2= partly cloudy	3= overcast	4= fog/haze	5= drizzle	6= rain					#:	<u>3</u>
Precipitation:	(amount in inches for last 24 hours)									Inches:	<u>0</u>	
Air temperature:											<u>23.3</u> °C	
Water surface conditions:	1= Calm	2= Ripples	3= Waves	4= White caps						#:	<u>2</u>	
Tide stage:	1= Incoming	2= High Slack	3= Outgoing	4= Low Slack						#:	<u>1</u>	
Secchi Depth:	(to nearest .1 m) Disappear: <u>7. B</u> m Reappear: <u>7. B</u> m									Secchi Average:	<u>7. B</u> m	
Water depth: (to nearest .1 m)										Depth:	<u>.09</u> m	
Water Temperature:											<u>27.7</u> °C	
Dissolved Oxygen:	Barometer reading: <u>759.0</u> mm Hg									Dissolved Oxygen:		
	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)						
Calibrate	<u>5/3/21</u>	<u>7:13</u>	Calibrate at 100% humidity	<u>24.3</u>						<u>2.92</u> mg/L		
ICV	<u>5/3/21</u>	<u>7:14</u>	<u>8.38</u>	<u>100.2</u>	<u>24.3</u>	<u>Y</u>	<u>N</u>					
Verify	<u>5/3/21</u>	<u>7:22</u>	<u>8.31</u>	<u>100.0</u>	<u>24.8</u>	<u>Y</u>	<u>N</u>			<u>45.8</u> %		
pH:	Lot #s 7: <u>201282</u> 10: <u>2003C39</u> 4:									pH reading:		
	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)						
Check	<u>5/2/21</u>	<u>4:26</u>	<u>xxxxx</u>	<u>7.14</u>	<u>10.09</u>	<u>Y</u>	<u>N</u>			<u>8.02</u>		
Calibrate	<u>5/2/21</u>	<u>na</u>	Calibrate with 7 and 10 pH buffers			<u>Y</u>	<u>N</u>	<u>N/A</u>				
ICV	<u>5/2/21</u>	<u>4:27</u>	<u>xxxxx</u>	<u>xxxxx</u>		<u>Y</u>	<u>N</u>					
Verify	<u>5/3/21</u>	<u>7:23</u>	<u>OR</u>	<u>7.19</u>	<u>OR</u>	<u>Y</u>	<u>N</u>					
Sp. Conductance (ms/cm):	Lot# 50: <u>201100024</u> 10: <u>1009A46</u>									Salinity ppt:		
	Date	Time	50 standard	10 standard	Pass (± 5%, office only)							
Check	<u>5/2/21</u>	<u>4:15</u>	<u>48.4</u>	<u>xxxxx</u>	<u>Y</u>	<u>N</u>			<u>36.15</u>			
Calibrate	<u>5/2/21</u>	<u>4:19</u>	Calibrate with 50 ms/cm standard			<u>Y</u>	<u>N</u>	<u>N/A</u>				
ICV	<u>5/2/21</u>	<u>4:20</u>	<u>50.0</u>	<u>xxxxx</u>	<u>Y</u>	<u>N</u>						
Verify	<u>5/3/21</u>	<u>7:24</u>	<u>xxxxx</u>	verify w/ 10	<u>10.0</u>	<u>Y</u>	<u>N</u>			<u>54.7</u>		
Water Color Observed:	1=Med Brown 3= Red brown 5= Green 7=Yellow Brown 9= Blue 1# <u>4</u> 2=Dark Brown 4= Green Brown 6= Yellow Green 8=Green Blue 10= Other											
Collect & Ice Chlorophyll a Sample*?	Yes	No							Samp. Collect. Time:			
Collect & Ice Phosphorus/Nitrogen*?	Yes	No										
Collect & Ice Color/Turbidity Sample*?	Yes	No										
Collect & Ice Entero OR E.Coli Sample*?	Yes	No							<u>7:25</u>			

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

Observations and Comments:

Neighbor started his boat and drove by

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 No
 Yes No
 Yes No
 Yes No

circle Y or N