

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

Site # LBV003 Date 3/1/2021 Time Start 6:50 Time End 7:40 Sunrise time 6:50
 Meter Monitor Robert Kinsley Sample Monitor Bluet 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	NE	E	<u>SE</u>	S	SW	W	NW	Direction: <u>SE</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		3= overcast		5= drizzle		# : <u>1</u>			
	2= partly cloudy		4= fog/haze		6= rain					
Precipitation:	(amount in inches for last 24 hours)								Inches: <u>0</u>	
Air temperature:									<u>21.7</u> °C	
Water surface conditions:									# : <u>1</u>	
1= Calm	2= Ripples	3= Waves	4= White caps							
Tide stage:	1= Incoming	2= High Slack	3= Outgoing	4= Low Slack						# : <u>3</u>
Secchi Depth:									Secchi Average:	
(to nearest .1 m)	Disappear: <u>7.8</u> m		Reappear: <u>7.8</u> m						<u>7.8</u> m	
Water depth: (to nearest .1 m)									Depth: <u>0.8</u> m	
Water Temperature:									<u>24.9</u> 25 °C	
Dissolved Oxygen:	Barometer reading: <u>763.2</u> mm Hg								Dissolved Oxygen:	
	Date	Time	DO mg/L	DO%	Air temp (°C)	Pass (± 0.3, office only)				
Calibrate	<u>3/1/21</u>	<u>7:16</u>			<u>22.5</u>				<u>46.8</u> mg/L	
ICV	<u>3/1/21</u>	<u>7:16</u>	<u>100.5</u>	<u>8.74</u>	<u>22.5</u>	Y	N			
Verify	<u>3/1/21</u>	<u>7:25</u>	<u>100.2</u>	<u>8.55</u>	<u>23.1</u>	<u>Y</u>	N		<u>3.20</u> %	
pH:	Lot #s 7: <u>2012982</u> 10: <u>2901A09</u> 4:								pH reading:	
	Date	Time	4 buffer	7 buffer	10 buffer	Pass (± 0.2, office only)				
Check	<u>2/28/21</u>	<u>4:10</u>	xxxxx	<u>7.10</u>	<u>10.06</u>	Y	N		<u>7.94</u>	
Calibrate	<u>2/28/21</u>	<u>NA</u>	Calibrate with 7 and 10 pH buffers			Y	N	N/A		
ICV	<u>2/28/21</u>	<u>4:10</u>	xxxxx	xxxxx	<u>7.10</u>	Y	N			
Verify	<u>3/1/21</u>	<u>7:25</u>	OR <u>7.14</u> OR			<u>Y</u>	N			
Sp. Conductance (ms/cm):	Lot# 50: <u>20400024</u> 10: <u>1009446</u>								Salinity ppt:	
	Date	Time	50 standard	10 standard	Pass (± 5%, office only)					
Check	<u>2/28/21</u>	<u>4:00</u>	<u>54.8</u>	xxxxx	Y	N		<u>33.81</u>		
Calibrate	<u>2/28/21</u>	<u>4:05</u>	Calibrate with 50 ms/cm standard			Y	N	N/A		
ICV	<u>2/28/21</u>	<u>4:04</u>	<u>50.0</u>	xxxxx	Y	N		<u>51.5</u>		
Verify	<u>3/1/21</u>		xxxxx	verify w/ 10	<u>10.3</u>	<u>Y</u>	N			
Water Color Observed:									# : <u>1</u>	
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			Samp. Collect. Time:					
Collect & Ice Phosphorus/Nitrogen*?	Yes	No			Record same					
Collect & Ice Color/Turbidity Sample*?	Yes	No			time on all bottles			<u>7:30</u>		
Collect & Ice Entero OR E.Coli Sample*?	Yes	No								

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

Observations and Comments:

Blank collected? Y NDuplicate collected? Y N

Collect & Ice Chlorophyll a
 Collect & Ice Phosph./Nitrogen
 Collect & Ice Color/Turbidity
 Collect & Ice Entero OR E.coli

Time: 7:25

Time:

Yes No
 Yes No
 Yes No
 Yes No