

Ichetucknee @ TREP0  
Point Park 6-9-22

# GEORGIA ADOPT-A-STREAM: Chemical/Bacterial Form

To be conducted every month

<b>SITE INFORMATION</b>	Group Name: <u>NWALS-Watershed Co</u> Event Date: <u>6-9-22</u> (MMDDYYYY) Group ID: G- <u>1727</u> Site ID: S- <u>7385</u> Time Sample Collected: <u>12:30</u> (HHMM am/pm) Stream Name: <u>Ichetucknee</u> Time Spent Sampling: <u>10</u> (Min) Monitor(s): <u>Pam, Clare</u> Total Time Spent Traveling (optional): <u>30</u> (Min) Number of Participants: <u>2</u> Furthest Distance Traveled (optional): <u>1/2</u> (Miles) <u>on river</u>																																																	
<b>WEATHER</b>	<b>Present conditions (check all that apply)</b> <input type="checkbox"/> Heavy Rain <input type="checkbox"/> Steady Rain <input type="checkbox"/> Intermittent Rain <input type="checkbox"/> Overcast <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Clear/Sunny  <b>Amount of rain, if known?</b> Amount in Inches: <u>0</u> In Last Hours/Days: <u>24</u> <small>*Refer to wunderground.com for rainfall data</small>																																																	
<b>OBSERVATIONS</b>	<b>Flow/Water Level:</b> (check all that apply) <input type="checkbox"/> Dry <input type="checkbox"/> Stagnant/Still <input type="checkbox"/> Low <input checked="" type="checkbox"/> Normal <input type="checkbox"/> High <input type="checkbox"/> Flow (over banks) <b>Water Clarity:</b> <input checked="" type="checkbox"/> Clear/Transparent <input type="checkbox"/> Cloudy/Somewhat Turbid <input type="checkbox"/> Opaque/Turbid <b>Water Color:</b> <input checked="" type="checkbox"/> No Color <input type="checkbox"/> Brown/Muddy <input type="checkbox"/> Green <input type="checkbox"/> Milky/White <input type="checkbox"/> Tannic <input type="checkbox"/> Other: _____ <b>Water Surface:</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Oily Sheen: does it break when disturbed? Yes/No (circle one) <input type="checkbox"/> Algae <input type="checkbox"/> Foam <input type="checkbox"/> Greater than 3" high <input type="checkbox"/> It is white <b>Water Odor:</b> <input checked="" type="checkbox"/> Natural/None <input type="checkbox"/> Gasoline <input type="checkbox"/> Sewage <input type="checkbox"/> Rotten Egg <input type="checkbox"/> Fishy <input type="checkbox"/> Chlorine <input type="checkbox"/> Other: _____ <b>Photos:</b> Please take images to document your observations and changes in water quality conditions. Photo point directions can be found in the manuals. Send photo to AAS@gaeprd.org. <b>Trash:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Yes, I did a cleanup <input type="checkbox"/> This site needs an organized cleanup																																																	
<b>CHEMICAL</b>	<b>Conductivity Meter Calibration (within 24hrs of sampling)</b> Date _____ Time _____ Standard Value _____ Initial Meter Reading _____ Meter Adjusted to _____ <b>Reagents: Are any reagents expired?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No    List any expired: _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Core Tests</th> <th>Test 1</th> <th>Test 2</th> <th>Units</th> <th>Other Tests</th> <th>Test 1</th> <th>Test 2</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>Air Temp</td> <td><u>29</u></td> <td></td> <td>°C</td> <td>Secchi Depth(+/- 10)</td> <td></td> <td></td> <td>cm</td> </tr> <tr> <td>Water Temp</td> <td><u>20.25</u></td> <td></td> <td>°C</td> <td>Chlorophyll a</td> <td></td> <td></td> <td>ug/L</td> </tr> <tr> <td>pH (+/-0.25)</td> <td><u>7</u></td> <td></td> <td>Standard unit</td> <td>Salinity (+/- 1)</td> <td></td> <td></td> <td>ppt</td> </tr> <tr> <td>Dissolved Oxygen (+/-0.6)</td> <td></td> <td></td> <td>mg/L or ppm</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Conductivity</td> <td></td> <td></td> <td>uS/cm</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Core Tests	Test 1	Test 2	Units	Other Tests	Test 1	Test 2	Units	Air Temp	<u>29</u>		°C	Secchi Depth(+/- 10)			cm	Water Temp	<u>20.25</u>		°C	Chlorophyll a			ug/L	pH (+/-0.25)	<u>7</u>		Standard unit	Salinity (+/- 1)			ppt	Dissolved Oxygen (+/-0.6)			mg/L or ppm					Conductivity			uS/cm				
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<b>BACTERIAL</b>	<b>3M Petrifilm Method: Escherichia coli</b> Run three (3) plates/tests for each site, plus one (1) blank plate    Process within 6-24hrs. incubate at 35°C ±1° and read at 24 ± 1 hr <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Plate</th> <th>Colonies</th> <th rowspan="2">Find AVG of Number of Colonies (total # colonies/total # of plates (do not include blank))  ( <u>1</u> / <u>3</u> ) x 100 =</th> <th rowspan="2">cfu/100mL</th> </tr> </thead> <tbody> <tr> <td>Blank</td> <td><u>0</u></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td><u>0</u></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td><u>0</u></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td><u>1</u></td> <td></td> <td></td> </tr> <tr> <td>Total # Colonies</td> <td><u>1</u></td> <td></td> <td><u>33</u></td> </tr> </tbody> </table> Sample Holding Time (HH): <u>1:45 hr</u> Date START(MMDDYYYY): <u>6/9/2022</u> Date END (MMDDYYYY): <u>06/10/2022</u> Time START (HHMM): <u>2:15 pm</u> Time END (HHMM): <u>2:55 pm</u> MIN Temp (°C): <u>95°F</u> MAX Temp (°C): <u>96.4°F</u>		Plate	Colonies	Find AVG of Number of Colonies (total # colonies/total # of plates (do not include blank))  ( <u>1</u> / <u>3</u> ) x 100 =	cfu/100mL	Blank	<u>0</u>			1	<u>0</u>			2	<u>0</u>			3	<u>1</u>			Total # Colonies	<u>1</u>		<u>33</u>																								
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<b>COMMENTS</b>	Any changes since you last sampled at this site? If yes, please describe. <p style="text-align: center; font-size: 1.2em;"><u>10.65 @ TREP0 Gage</u></p>																																																	

Please submit data to our online database at [AdoptAStream.Georgia.gov](http://AdoptAStream.Georgia.gov)