

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

To be conducted every month

<b>SITE INFORMATION</b>	Group Name: <u>WALS</u>		Event Date: <u>06 21 2025</u> (MMDDYYYY)	
	Group ID: G- <u>1727</u> Site ID: S- <u>      </u>		Time Sample Collected: <u>15:15</u> (HHMM am/pm)	
<b>WEATHER</b>	Stream Name: <u>SWA Creek</u>		Time Spent Sampling: <u>20</u> (Min)	
	Monitor(s): <u>156</u>		Total Time Spent Traveling (optional): <u>140</u> (Min)	
	Number of Participants: <u>3</u>		Furthest Distance Traveled (optional): <u>62</u> (Miles)	
<b>OBSERVATIONS</b>	<b>Present conditions (check all that apply)</b>		<b>Amount of rain, if known?</b>	
	<input type="checkbox"/> Heavy Rain <input type="checkbox"/> Steady Rain <input type="checkbox"/> Intermittent Rain <input type="checkbox"/> Overcast <input type="checkbox"/> Partly Cloudy <input checked="" type="checkbox"/> Clear/Sunny		Amount in Inches : _____ In Last Hours/Days: _____ *Refer to <a href="http://wunderground.com">wunderground.com</a> for rainfall data	
	<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 type="checkbox"/> Clear/Transparent <input checked="" type="checkbox"/> Cloudy/Somewhat Turbid <input type="checkbox"/> Opaque/Turbid			
	<b>Water Color:</b> <input type="checkbox"/> No Color <input type="checkbox"/> Brown/Muddy <input checked="" 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="radio"/> Greater than 3" high <input type="radio"/> It is white			
	<b>Water Odor:</b> <input 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: <u>3</u>			
	<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@gaepd.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: _____				
<b>Core Tests</b>		<b>Test 1</b>	<b>Test 2</b>	<b>Units</b>
Air Temp		<u>36</u>		°C
Water Temp		<u>28</u>		°C
pH (+/-0.25)		<u>7.5</u>	<u>7.5</u>	Standard unit
Dissolved Oxygen (+/-0.6)		<u>4</u>	<u>4.5</u>	mg/L or ppm
Conductivity				uS/cm
<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			
	<b>Plate</b>	<b>Colonies</b>	<b>Find AVG of Number of Colonies</b>	
	Blank		(total # colonies/total # of plates (do not include blank))	
	1	<u>1</u>	<u>( 213 ) x 100 = 66</u>	
	2	<u>0</u>		
	3			
	Total # Colonies	<u>2</u>		
	Sample Holding Time (HH): <u>23:19</u>		Date END (MMDDYYYY): <u>06222025</u>	
	Date START (MMDDYYYY): <u>06212025</u>		Time END (HHMM): <u>17:19</u>	
Time START (HHMM): <u>18:00</u>		MAX Temp ( °C): <u>95.5</u>		
MIN Temp ( °C): <u>94.5</u>				
<b>COMMENTS</b>	Any changes since you last sampled at this site? If yes, please describe.			

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

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