

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

To be conducted every month

<b>SITE INFORMATION</b>	Group Name: <u>WWALS</u> Event Date: <u>6/2/2025</u> (MMDDYYYY) Group ID: G- <u>1727</u> Site ID: S- <u>7776</u> Time Sample Collected: <u>4:30 PM</u> (HHMM am/pm) Stream Name: <u>FRANK'S CREEK @ 122</u> Time Spent Sampling: <u>5</u> (Min) Monitor(s): <u>Debbie Smith</u> Total Time Spent Traveling (optional): <u>10</u> (Min) Number of Participants: _____    Furthest Distance Traveled (optional): <u>5</u> (Miles)			
	<b>WEATHER</b> Present conditions (check all that apply) <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 of rain, if known? Amount in Inches: _____ In Last Hours/Days: _____ <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 type="checkbox"/> Normal <input checked="" 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 type="checkbox"/> Green <input type="checkbox"/> Milky/White <input checked="" type="checkbox"/> Tannic <input type="checkbox"/> Other: _____			
	<b>Water Surface:</b> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Oily Sheen: does it break when disturbed? <u>Yes</u> <input type="checkbox"/> 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 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@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> <u>NA</u>			
	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: _____			
	Core Tests	Test 1	Test 2	Units
	Air Temp	<u>24C</u>		°C
	Water Temp	<u>27C</u>		°C
	pH (+/-0.25)	<u>6.5</u>		Standard unit
Dissolved Oxygen (+/-0.6) <u>5.5</u> <u>5.5</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			
	Plate	Colonies	Find AVG of Number of Colonies	
	Blank	<u>0</u>	(total # colonies/total # of plates (do not include blank))	
	1	<u>1</u>	( <u>9</u> <u>13</u> ) x 100 = <u>300</u>	
	2	<u>4</u>	cfu/100mL	
	3	<u>4</u>		
	Total # Colonies <u>9</u>		300 cfu/100mL	
Sample Holding Time (HH): <u>24</u> Date START (MMDDYYYY): <u>6/2/2025</u> Date END (MMDDYYYY): <u>5:5:30 PM</u> Time START (HHMM): <u>7/3/2025</u> Time END (HHMM): <u>5:30 PM</u> MIN Temp (°C): <u>94.9</u> MAX Temp (°C): <u>97.5</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)