

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

To be conducted every month

<b>SITE INFORMATION</b>	Group Name: <u>WWALS</u>		Event Date: <u>12/27/2023</u> (MMDDYYYY)	
	Group ID: G- _____ Site ID: S- _____		Time Sample Collected: <u>9:10 AM</u> (HHMM am/pm)	
	Stream Name: <u>FRANKS CR. @ 123</u>		Time Spent Sampling: <u>10</u> (Min)	
	Monitor(s): <u>Debbie Smith</u>		Total Time Spent Traveling (optional): <u>5</u> (Min)	
	Number of Participants: <u>1</u>		Furthest Distance Traveled (optional): <u>5</u> (Miles)	
<b>WEATHER</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 wunderground.com for rainfall data
<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 checked="" type="checkbox"/> Clear/Transparent <input 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 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@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 _____			
	Reagents: Are any reagents expired? <input type="checkbox"/> Yes <input type="checkbox"/> No    List any expired: _____			
	<b>Core Tests</b>		<b>Other Tests</b>	
	Air Temp	Test 1: <u>15</u>	Test 2: _____	Units: °C
	Water Temp	Test 1: <u>14</u>	Test 2: _____	Units: °C
	pH (+/-0.25)	Test 1: _____	Test 2: _____	Units: Standard unit
Dissolved Oxygen (+/-0.6)	Test 1: _____	Test 2: _____	Units: mg/L or ppm	
Conductivity	Test 1: _____	Test 2: _____	Units: 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	<u>0</u>	(total # colonies/total # of plates (do not include blank))	
	1	<u>0</u>	_____ ( _____ ) x 100 =	
	2	<u>0</u>	Sample Holding Time (HH): <u>25 25</u>	
	3	<u>0</u>	Date START (MMDDYYYY): <u>12/27/23</u>	
Total # Colonies	<u>0</u>	Time START (HHMM): <u>6:00 PM</u>		
		Date END (MMDDYYYY): <u>12/28/23</u>		
		Time END (HHMM): <u>7:00 PM</u>		
		MIN Temp (°C): <u>20DS 34</u>		
		MAX Temp (°C): <u>35</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)