0+0+0=0/3 0cfu

GEORGIA ADOPT-A-STREAM: Chemical/Bacterial Form

To be conducted every month

SITE INFORMATION

Group Name:_____ Event Date: 8/25/24 (MMDDYYYY)

Group ID: G-_____ Site ID: S-_____ Time Sample Collected: 3:30pm (HHMM am/pm)

Stream Name: Witherlacoochee @ Madison Time Spent Sampling: 30 (Min)

Monitor(s): Mark Coppage John Gilbert Ellen Jones Total Time Spent Traveling *(optional)*: 30 (Min)

Number of Participants: 2 Furthest Distance Traveled *(optional)*: 11 (Miles)

WEATHER

Present conditions (check all that apply)

☐ Heavy Rain ☐ Steady Rain ☐ Intermittent Rain

☐ Overcast ☐ Partly Cloudy ☑ Clear/Sunny

Amount of rain, if known?

Amount in Inches :_____

In Last Hours/Days:_____

*Refer to *wunderground.com* for rainfall data

OBSERVATIONS

Flow/Water Level: *(check all that apply)* ☐ Dry ☐ Stagnant/Still ☑ Low ☐ Normal ☐ High ☐ Flow (over banks)

Water Clarity: ☐ Clear/Transparent ☐ Cloudy/Somewhat Turbid ☐ Opaque/Turbid

Water Color: ☐ No Color ☐ Brown/Muddy ☐ Green ☐ Milky/White ☑ Tannic ☐ Other:_____

Water Surface: ☑ Clear ☐ Oily Sheen: does it break when disturbed? Yes/No (circle one) ☐ Algae

☐ Foam ◯ Greater than 3" high ◯ It is white

Water Odor: ☑ Natural/None ☐ Gasoline ☐ Sewage ☐ Rotten Egg

☐ Fishy ☐ Chlorine ☐ Other:_____

Photos: 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.

Trash: ☑ None ☐ Yes, I did a cleanup ☐ This site needs an organized cleanup

CHEMICAL

Conductivity Meter Calibration (within 24hrs of sampling)

Date 8/25/2024 Time 3:30pm Standard Value 1265 Initial Meter Reading 1.35 Meter Adjusted to_____

Reagents: Are any reagents expired? ☐ Yes ☐ No List any expired: _____

Core Tests	Test 1	Test 2	Units	Other Tests	Test 1	Test 2	Units
Air Temp	89°F		°C	Secchi Depth(+/- 10)			cm
Water Temp	27°C		°C	Chlorophyll a			ug/L
pH (+/-0.25)	6		Standard unit	Salinity (+/- 1)			ppt
Dissolved Oxygen (+/-0.6)	4.2	4	mg/L or ppm				
Conductivity	557		uS/cm				

BACTERIAL

3M Petrifilm Method: *Escherichia coli*

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
Blank	0
1	0
2	0
3	0
Total # Colonies	0

Find AVG of Number of Colonies (total # colonies/total # of plates (do not include blank)) **cfu/100mL**

(0 / 3) x 100 = 0 | 0

Sample Holding Time (HH): 24

Date START(MMDDYYYY): 08252024

Time START (HHMM): 0430

MIN Temp (°C): 95°

Date END (MMDDYYYY): 08262024

Time END (HHMM): 4:30

MAX Temp (°C): 95°

COMMENTS

Any changes since you last sampled at this site? If yes, please describe.

Please submit data to our online database at AdoptAStream.Georgia.gov