

SC Adopt-a-Stream **FRESHWATER** Data Form

Site ID		Distance Traveled (miles, one-way)	Travel Time (minutes, one-way)	Site Information
Monitoring Group		Sampling Time (minutes)	Certified Participants (first and last name):	
Time		Date (mm/dd/yyyy)		

Rainfall (in last 24 hours)	Inches	Weather www.cocorahs.org	<input type="checkbox"/> Sunny <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Intermittent Rain <input type="checkbox"/> Steady Rain	Weather
REQUIRED www.cocorahs.org			**DO NOT SAMPLE during unsafe conditions or after rain events**	

Water Level	<input type="checkbox"/> Dry <input type="checkbox"/> Flood (Over Banks) <input type="checkbox"/> High <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> Stagnant/Still	Water Color (use clear container)	<input 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:	Observations
Water Surface	<input type="checkbox"/> Clear <input type="checkbox"/> Oily Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Foam <input type="checkbox"/> Other:	Water Odor	<input type="checkbox"/> Natural/None <input type="checkbox"/> Gasoline <input type="checkbox"/> Sewage <input type="checkbox"/> Fishy <input type="checkbox"/> Chlorine <input type="checkbox"/> Other:	
Trash Cleanup	<input type="checkbox"/> Site is clean <input type="checkbox"/> I cleaned site <input type="checkbox"/> Site needs organized cleanup	Water Clarity (sediment?)	<input type="checkbox"/> Clear/Transparent <input type="checkbox"/> Cloudy/Somewhat Turbid <input type="checkbox"/> Opaque/Turbid	
Alerts are generated when unusual colors, odors, or illegal dumping are selected				
Hazards	<input type="checkbox"/> Steep Bank <input type="checkbox"/> Trash <input type="checkbox"/> Fast Current <input type="checkbox"/> Other:	Bacteria Sources	<input type="checkbox"/> Dog <input type="checkbox"/> Goose <input type="checkbox"/> Livestock <input type="checkbox"/> Human <input type="checkbox"/> Other:	
Security	<input type="checkbox"/> Drug Abuse <input type="checkbox"/> Vagrancy <input type="checkbox"/> Animals <input type="checkbox"/> Other:	Fish Movement Barriers	<input type="checkbox"/> Incised Culvert <input type="checkbox"/> Perched Culvert <input type="checkbox"/> Low Flow <input type="checkbox"/> Dam <input type="checkbox"/> Other:	
Reach Dimensions (optional)	Active Channel Width: _____ ft Bank Full Width: _____ ft Depth to Water _____ ft	If outfall/pipe is present, is it flowing after 3 days of dry weather? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Photos	<input type="checkbox"/> Upstream Photo <input type="checkbox"/> Downstream Photo <input type="checkbox"/> Extra Photo **Additional Photos can be emailed to scaas@dhec.sc.gov as a .JPEG file type**			

Parameter	Test 1	Test 2	Units	Duplicate Precision	Reminders:
Air Temperature		N/A	Celsius (°C)	None	Take Air Temperature BEFORE Water Temperature. Stand in the shade. Hold thermometer from the top or use a string to hang.
Water Temperature		N/A	Celsius (°C)	None	Read thermometer while in the water or quickly after removing. Take reading in shade. Check thermometer for air bubbles.
pH			Standard units	0.25	Use a white background behind colorimeter to read result. Check against both scales. Do not wear hats or sunglasses.
Dissolved Oxygen			mg/L or ppm	0.6	Take water samples from exact same place. Check the bottles and syringes for air bubbles. Add drops slowly, one at a time.
Transparency	<input type="checkbox"/> >120cm?	N/A	cm	None	Do not wear hats or sunglasses, take measurement in the shade, and do not stir up sediment.
Conductivity (Not Required)		N/A	µS/cm	None	As of 2022, this parameter is no longer required. However, you can continue to enter data if you have been certified on protocol.
Custom Tests (optional) and any chemical changes since you last sampled? : <div style="text-align: center;">**Reminder to repeat tests if not within DUPLICATE PRECISION.**</div>					

Bacteria Method?	3M Petrifilm Method Used? <input type="checkbox"/> Yes <input type="checkbox"/> No	Reminder:	Petrifilm Plates must be kept in the FREEZER when not in use. Results should be discarded if the "Blank/Control" plate shows bacteria growth. Incubation should be 24 ± 1 hours and at 35 ± 1 °C. DO NOT enter results into database if incubation is outside of these values.	Bacteria	
Incubation Date/Time	Start _____ Finish _____ Time: _____ Date: _____	Incubation Temperature	Max: _____ Min: _____		Any bacteria changes since last sampled (comments or concerns)?
Colony Count	Blank: _____ Plate 1: _____ Plate 2: _____ Plate 3: _____ **Only count BLUE colonies WITH gas bubbles**				

Visit www.scadoptastream.org to view and enter data.

Field Checklist: Handbook Pen Nitrile gloves/eye protection Thermometer DO and pH kits Waste/rinse bottles Transparency tube
 Camera Whirl-Pak bag Sink water sample on ice in cooler Trash bag Paper towels Incubator set to 35 °C Closed-toe shoes

****Always check chemicals and bacteria plates for expiration dates prior to sampling your freshwater wadable stream.****

Experiencing a fish kill, health hazard or dangerous pollution event? Call DHEC's Emergency Hotline at **1-888-481-0125**.