

SC Adopt-a-Stream SALTWATER 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 (present conditions)	<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:	
Tide Level	<input type="checkbox"/> Low <input type="checkbox"/> Mid <input type="checkbox"/> High	Water Clarity (sediment?)	<input type="checkbox"/> Clear/Transparent <input type="checkbox"/> Cloudy/Somewhat Turbid <input type="checkbox"/> Opaque/Turbid	
Water Conditions	<input type="checkbox"/> Calm/Smooth <input type="checkbox"/> Ripples <input type="checkbox"/> Waves <input type="checkbox"/> White Caps	Trash Cleanup	<input type="checkbox"/> Site is clean <input type="checkbox"/> I cleaned site <input type="checkbox"/> Site needs organized cleanup	
Alerts are generated when unusual colors, odors, or illegal dumping are selected				
Security	<input type="checkbox"/> Drug Abuse <input type="checkbox"/> Vagrancy <input type="checkbox"/> Animals <input type="checkbox"/> Other:	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	
Hazards	<input type="checkbox"/> Steep Bank <input type="checkbox"/> Trash <input type="checkbox"/> Fast Current <input type="checkbox"/> Other:	Photos	<input type="checkbox"/> Upstream <input type="checkbox"/> Downstream <input type="checkbox"/> Water Height <input type="checkbox"/> Extra **Email additional photos to scas@dhec.sc.gov as a JPEG file**	

Parameter	Test 1	Test 2	Units	Duplicate Precision	Reminders:	Chemical/Physical
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.	
Salinity		N/A	ppt	None	The refractometer must be calibrated using distilled water prior to taking each measurement. Take off hats and sunglasses.	
Transparency Tube	<input type="checkbox"/> >120cm?	N/A	cm	None	You may need to remix the tube. Do not wear hats or sunglasses and take measurement in the shade.	
Secchi Disk	Disapp: <input type="checkbox"/> Hit bottom?	Reapp:	m	None	Do not use if current is too strong; you must be standing directly above the disk. Take off hats and sunglasses. Take two measurements (disappearance and reappearance depth).	
Custom Tests (optional) and any chemical changes since you last sampled?: <div style="text-align: center; color: red;">**Reminder to repeat tests if not within DUPLICATE PRECISION.**</div>						

SELECT ONE

Marsh Grass	<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Surface Mostly Muddy <input type="checkbox"/> Unseasonable Color Change	Is the Marsh Area...?	<input type="checkbox"/> Increasing <input type="checkbox"/> Decreasing <input type="checkbox"/> Same as last event <input type="checkbox"/> Unsure <input type="checkbox"/> Invasive Phragmites Present?	Saltwater Habitat
Located Within 100 ft of Waterway	<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Agriculture <input type="checkbox"/> Dock <input type="checkbox"/> Groin <input type="checkbox"/> Jetty		Comments:	
Observed Impacts on Marsh	<input type="checkbox"/> Dredging <input type="checkbox"/> Erosion <input type="checkbox"/> Algae <input type="checkbox"/> Large vegetative debris Comments:	Biological Survey (check all that apply)	<input type="checkbox"/> Snails <input type="checkbox"/> Oysters <input type="checkbox"/> Blue Crabs <input type="checkbox"/> Fiddler Crabs <input type="checkbox"/> Fish <input type="checkbox"/> Barnacles <input type="checkbox"/> Submerged aquatic vegetation <input type="checkbox"/> Other: Comments:	

 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 Camera
 Transparency tube/Secchi disk Refractometer Bucket or sampling pole Trash bag Paper towels Closed-toe Shoes

****Always check chemicals for expiration dates prior to sampling your tidal saltwater stream.****

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