

# 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** <a href="http://www.cocorahs.org">www.cocorahs.org</a>		**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 <a href="mailto:scaas@dhec.sc.gov">scaas@dhec.sc.gov</a> as a .JPEG file**		

Parameter	Test 1	Test 2	Units	Duplicate Precision	Reminders:
Air Temperature		N/A	Celsius (°C)	None	Take air temperature <b>BEFORE</b> 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	<input type="checkbox"/> Hit bottom?	N/A	m	None	Do not use if current is too strong; you must be standing directly above the disk. Take off hats and sunglasses.
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](http://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**.