



# LAKE MONITORING Data Form

## PART I. Site Information

Site ID:	Distance: (miles, traveled one-way)	Time Traveled: (minutes, one-way)
Monitoring Group:	Sampling Time: (minutes)	Certified Participants: (first and last name)
Time:	Date:	

## PART II. Weather

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

## PART III. Observations

Water Level: <input type="checkbox"/> Dry <input type="checkbox"/> Low <input type="checkbox"/> Normal <input type="checkbox"/> High	Water Conditions: <input type="checkbox"/> Calm/Smooth <input type="checkbox"/> Ripples <input type="checkbox"/> Waves <input type="checkbox"/> White Capes
Water Surface: <input type="checkbox"/> Clear <input type="checkbox"/> Oily Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Foam <input type="checkbox"/> Other:	Water Color: (use clear container) <input type="checkbox"/> No Color <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/> Other:
Trash Cleanup: <input type="checkbox"/> Site is clean <input type="checkbox"/> I cleaned site <input type="checkbox"/> Needs organized cleanup <input type="checkbox"/> Concern of illegal dumping?	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:
Water Clarity: <input type="checkbox"/> Clear/Transparent <input type="checkbox"/> Cloudy/Somewhat Turbid <input type="checkbox"/> Opaque/Turbid	Algal Bloom: <input type="checkbox"/> None <input type="checkbox"/> Small Patch <input type="checkbox"/> Cove-Wide <input type="checkbox"/> Lake-Wide

Alerts are generated when unusual colors, odors, or illegal dumping are selected.

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@des.sc.gov">scaas@des.sc.gov</a> as a .JPEG file.	Comments: (How much of cove is covered by plants/algae? Litter issues? Changes from last sampling?)
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## PART IV. Chemical/Physical

Parameter	Result	Units	Reminders
Air Temperature		Celsius (°C)	Take air temperature BEFORE water temperature. Stand in the shade. Hold thermometer from the top or use a string to hang.
Water Temperature		Celsius (°C)	Read thermometer while in the water or quickly after removing. Take reading in shade. Check thermometer for air bubbles.
Secchi Disk	Disappearance: <input type="checkbox"/> Hit bottom? Reappearance:	m	You must be on a floating vessel or dock where you can view water from above and see directly down to the Secchi disk. Take off hats and sunglasses. Take two measurements (disappearance and reappearance depth).
Hue (Optional)		Forel-Ule Value (FU)	Use the "EyeOnWater Colour" app to find a water hue value.
Lake Level (Optional)		feet MSL	To view lake level data for public lakes, go to <a href="http://www.hydrology.dnr.sc.gov/streamflow-and-lake-levels.html">www.hydrology.dnr.sc.gov/streamflow-and-lake-levels.html</a> .

Visit [www.scadoptastream.org](http://www.scadoptastream.org) to view and enter data. Contact [scaas@des.sc.gov](mailto:scaas@des.sc.gov) with any questions or concerns.

**FISH KILL? HEALTH HAZARD? OR DANGEROUS POLLUTION EVENT?**

**Call the SCDES Emergency Hotline: 1-888-481-0125**