

## Connecticut Lakes/Ponds Secchi Disk Transparency (SDT) Collection Sheet

Secchi depth transparency is a measurement of water clarity produced by lowering and raising a Secchi disk --- a 20cm (8 inch) disk with alternating black and white quadrants --- into the water until it is no longer visible. The Secchi Disk transparency measurement is the average between the depth of disappearance and depth of reappearance. Algae, soil particles, and other materials suspended in the water all affect transparency. The Secchi depth will decrease as these factors increase.

Please PRINT and use this form to enter information about the lake you are measuring. Once completed, please enter your data online at: [http://clear.uconn.edu/projects/lake\\_clarity/sdt.htm](http://clear.uconn.edu/projects/lake_clarity/sdt.htm)

Date of Collection (MM/DD/YYYY): \_\_\_\_\_ Time of Collection (HH:MM): \_\_\_\_\_

### Sample Taker's Information:

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Email: \_\_\_\_\_

### Lake Information:

Lake Name: \_\_\_\_\_ Location of Lake (Town): \_\_\_\_\_

(Directions: measurements should be taken at the center or deepest part of the lake. Take three separate measurements. For each measurement find the depth of disappearance and depth of reappearance. The SDT Measurement will be the average of these two).

	Disappearance	Reappearance	Average
<b>SDT Measurement 1:</b>			
<b>SDT Measurement 2:</b>			
<b>SDT Measurement 3:</b>			

Latitude/Longitude (if known): \_\_\_\_\_ °N, \_\_\_\_\_ °W

### Conditions (check one for each category):

Cloud Cover:  None  <25%  25%-50%  50%-75%  >75%  Complete

Is the Sun Visible During Sampling?  Yes  No Raining?  Yes  No

Wind Direction:  None  from West  from North  from East  from South

Water Surface:  Smooth  Ripples  Waves  Whitecaps

Water Level:  Normal  Above Normal  Below Normal

Apparent Water Color:  Blue  Blue-Green  Green-Blue  Green  Yellow  Brown

### Comments: