



Worcester Cyanobacteria Monitoring Field Sheet

Check boxes for bottles brought in : **GRAB** **IT** **NET**

Waterbody Name:		Town:	
Sample Location:		Latitude:	Longitude:
Sample Date:		Time:	
Sampler Name:			

Weather:						
Wind Speed	Calm	Light Breeze	Windy	Strong	Gusty	
Wind from	N	NE E	SE	S	SW	W NW
Last Rainfall	Today	Yesterday		2 Days Ago		> 2 days ago
Conditions	Sunny	Partly Cloudy	Mostly Cloudy	Cloudy	Foggy	Air Temp:

Water:						
Waves	Still	Calm	Average	Rough	Stormy	Water Temp:
Odor	None	Faint	Moderate	Strong	Smells like:	
Turbidity	Clear	Slightly Turbid	Turbid	Opaque		
Visible Scum or Particulate Description:						
Aquatic Life (Fish, birds, plants, etc):						
Human and Pet Activity:				Lakes and Ponds Staff Use Only:		
				Rain (inches):		
Did you SUBMIT a photo? YES <input type="checkbox"/> No <input type="checkbox"/>						
Submit photo of your team, possible blooms, scums, fish kills and other interesting findings to the QR code or burmeisterj@worcesterma.gov						

submit photos/videos here



Gear Checklist

- Field Sheet
- 3 Bottles w/ Tape
- Thermometer
- Plankton Net
- IT Tube
- Gloves
- Mask (recommended)
- Waterproof Pen
- Watch/phone with GPS coordinates
- Cooler with ice
- Hip waders (optional)

Notes

- Sample before 10am
- Be careful not to stir the sediments
- Place bottles on ice after taking the sample

Plankton NET Sample (Saturdays only)

- 1) Bring the bottle labeled "NET" and the plankton net and wade to hip depth
- 2) Condition the bottle and the net three times
- 3) Close the spigot and toss about 3 meters to the center of the lake, being careful not to hit sediment or crest the water with the hoop
- 4) Dip the bottom part of the net to wash net-caught algae to the bucket
- 5) Empty into the bottle
- 6) Close clip and re-toss to get enough sample to fill the bottle

IT Sample

- 1) Bring the bottle labeled "IT" and the 1-meter IT and wade to hip depth
- 2) Condition the bottle 3 times, and the IT three times
- 3) Lower the IT tube straight down into the water until the premarked 1 meter line

- 4) Place your thumb onto the top of the tube to create the suction needed to hold the sample in the tube
- 5) Lift the tube into the mouth of the bottle and release your thumb on the tube to empty the contents
- 6) Do this 4 times or until the bottle is full

GRAB Sample

- 1) Bring the bottle labeled "GRAB" and wade to hip depth
- 2) Condition the bottle 3 times
- 3) Dunk the bottle to almost your elbow into the water and drag it through in an arc motion to the top

Sampling Days

Grab-IT	Grab-IT-Net
-Monday May 15	-Saturday April 29
-Monday June 12	-Saturday May 27
-Monday July 10	-Saturday June 24
-Monday August 7	-Saturday July 22
-Tuesday September 5	-Saturday August 19
-Monday October 1	-Saturday September 16
-Monday October 30	-Saturday October 14