

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

Grab - IT - Net

Deliver to 51 Sever St.
Worcester, Ma 9:30 to
11:30 AM

- Saturday, May 3
- Saturday, June 7
- Saturday, July 12
- Saturday, August 2
- Saturday, September 6
- Saturday, October 4

Grab - IT

Deliver to 51 Sever St.
Worcester, Ma 7:30 to
10:30 AM

- Monday, May 19
- Monday, June 16
- Monday, July 21
- Monday, August 18
- Monday, September 15
- Monday, October 20

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Sampling Days

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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 ☐ No ☐

Submit photo of your team, possible blooms, scums, fish kills and other interesting findings to the QR



submit photos/videos here



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