



Summer Water Quality Monitoring Quick Reference

Gear List

- YSI meter with appropriate length cord
- Integrated tube sampler
- Sample bottles for each site to collect water for filtering
- Sample bottles for each site for collection of water for cyanobacteria (optional)
- Secchi disk with appropriate length measuring tape
- Black Secchi (if instructed to use)
- View scope
- Pen/ Pencil
- Map
- GPS coordinates and site depths of monitoring locations
- Data sheets
- Cyanobacteria info and sampling protocol sheets
- GPS or smartphone with GPS app
- Ice chest with ice or ice packs if taking cyanobacteria samples

Check List

1. All volunteers have signed liability forms/volunteer handbook.
2. Measure site depth (Secchi).
3. Get Secchi measurements on shady side of boat with the scope.
4. Record temperature profile (ClineFinder or YSI), determine & record thermocline and sample depth, as well as oxygen and conductance values, if using YSI.
5. Collect water sample with integrated tube sampler.
6. (Optional) Collect cyanobacteria water sample with integrated tube sampler.
7. Put sample in SLA's outdoor refrigerator, then let SLA know you monitored the site and dropped samples off.
8. Record all hours volunteered that day.