

Sampling Log for Winogradsky Columns

Team:

Materials for Sampling:

- 3 quart-size containers with lids (+1 spare just in case)
- small shovel
- gloves

Sampling Site:

Name of site:

Longitude / latitude:

Description of the site:

Sampling Procedure:

At least one of your team members must go sample the site you agreed to use as your team field site either today or (more ideally) tomorrow (Wednesday) and **bring the samples to class on Thursday**. If your team cannot bring mud and water samples to class on Thursday, you won't be able to set up your semester experiments!

At the site, find a **shallow** (a few inches deep at most), **well-lit** (i.e. not too shaded), **non-turbulent** (slow or ideally non-flowing) section of the pond/river to collect your sediment sample. Make sure to take a picture of the sampling site before and after sediment collection (camera phone is fine, usually gives you coordinates too!). Put on gloves just in case. Collect ~2L (2 quart containers) full of water from the pond/river before disturbing it. Then collect at least half a liter (>1/2 quart container) of sediment primarily from the surface, no need to dig too deep (if there's extra water that comes with it and fills the container more, no problem). Write down a few descriptive observations about the sediment sample you collected.

Checklist

- Before picture
- ~2L of site water (2 containers)
- > 1/2L of site sediment (> 1/2 container)
- After picture

Observations (cold/warm/hot? Does it smell? Is it colorful?) and other notes: