

Land Use Change & Water Quality Data Sheet-for Ponds & Lakes

Date _____

Recorder's Name _____ Collector's Name _____

Labeler's Name _____

Other group members _____

| Organisms | Guidance | Yes/No | Notes: describe what you see or name the organisms you can identify |
|------------------|---|--------|---|
| Phytoplankton | Does the water look greenish? | | |
| Periphytic algae | Is there algae attached to vegetation and rocks? | | |
| Submerged plants | Are there plants growing under water? | | |
| Floating plants | Are there plants floating on the surface? | | |
| Emergent plants | Are there plants with growing with only their roots in the water? | | |
| Shore plants | Are there plants growing in wet soil at the edge of the pond? | | |
| Zooplankton | We will collect some pond water to look for phytoplankton and these microorganisms back in the lab. | | |
| Invertebrates | Conduct a sweep for macroinvertebrates, and separate them into major groups. Identify each group as a 'Type' on the next sheet. | | |
| Vertebrates | Look for fish, frogs, salamanders, turtles, snakes, birds and mammals. | | |
| Decomposers | Do you think there are bacteria living on the bottom of the pond? | | |