NOTES:
• lab report is due on Friday, January 20
• 6 page limit
• follow lab report guidelines

Requirements:
1. Figures (2):
   • Two Drainage Basins maps (one for each lake; the original color versions taped to a piece of white paper; or photocopied versions are ok, but be sure to add color)

2. Tables (1):
   • A table summarizing all drainage basin parameters-- such as Table 1 in the lab handout but be sure to include in this table a summary of bedrock, surficial geology, and land use observations

3. Discussion Points: be sure to discuss the following in your lab report
   1. Which of the lake drainage basins are more developed by humans, and how might this affect the limnology of the lakes?

   NOTE
   By limnology I mean the water column profiles of pH, productivity, alkalinity, conductivity, salinity, and oxygen levels).

   2. How might differences in bedrock within the lakes’ drainage basins affect the limnology of the lakes?
   3. How might differences in the surficial geology of the lakes’ drainage basins affect the limnology of the lakes?
   4. How might differences in drainage basin parameters (relief, drainage basin:lake surface area ratio, unit relief) affect the limnology and sediment properties within the lakes?
   5. Which lake is most likely to be adversely affected by acid rain?
   6. Which lake is likely to be more eutrophic? oligotrophic?