

Name: _____ Date: _____ Period: _____

Water Field Trip Report:

1. Explanation of the basics: Where did you go, When did you go, Why did you go, Who was your guide, What did you see and do (describe your observations and experiences).
2. Address how the field trip relates to the subject matter in APES text book chapter 14. Use as many vocabulary terms as applicable (*See Vocabulary Terms list below*).
3. Address how the field trip relates to the Hydrologic cycle (*ch 3 page 67*).
4. Address how the field trip relates to the technology of water quality (*ch 14 p387-387*). This section should discuss environmental and water quality issues and the technology that has been applied to address those issues.

Vocabulary Terms list

- water pollution
- algal bloom
- sludge
- point sources
- pathogens
- manure lagoons
- nonpoint sources
- indicator species
- acid deposition
- wastewater
- fecal coliform bacteria
- PCBs (polychlorinated biphenyls)
- oxygen-demanding waste
- septic system

- PBDEs (polybrominated diphenyl ethers)
- biochemical oxygen demand (BOD)
- septic tank
- thermal pollution
- eutrophication
- thermal shock
- cultural eutrophication
- leach field
- maximum contaminant levels (MCL)

