

By the end of this unit, students will be able to...

- Define thermal pollution and state how it affects waterways.
- Describe how dissolved oxygen and temp are related.
- Describe how nitrogen and phosphorus affect waterways
- Define Methemoglobinemia – what it is, what it does, and how it is caused
- Summarize how heavy metal pollution harms ecosystems
- List the effects of lead and mercury on living organisms
- Define aquatic macroinvertebrates and state how they are used to determine water quality
- Describe pH and state how it is used to determine water quality
- State how acid rain is caused and how it harms ecosystems