

NH Envirothon 2026 Current Environmental Issue:

Nonpoint Source Pollution

Learning Objectives

After completing this years NH Envirothon students will be able to:

- 1) Define nonpoint source pollution with real world examples from urban and rural settings.
- 2) Explain what is meant by a “watershed” and describe watershed ecology.
- 3) Describe nutrient (carbon, nitrogen, and phosphorus) cycles and how changes in these cycles impact nonpoint source pollution.
- 4) Recognize the major sources of nonpoint source pollution in surface waters.
- 5) Compare the effects of land use types (suburban, urban, rural) on nutrient loading to water bodies
- 6) Describe local and state regulations that address nonpoint source pollution
- 7) Identify methods used to assess and quantify nonpoint source pollution in a watershed
- 8) Recognize best management practices and stormwater control measures to control nonpoint source pollution
- 9) Identify examples of community-based solutions to nonpoint source pollution
- 10) Construct a plan to mitigate nonpoint source pollution in a specific body of water
- 11) Demonstrate a plan to share results with your community through various types of outreach