

Part Three

Nine Key Indicators of Surface Water Quality — (including Chemistry), Water Quality Testing Kits, Physical, and Biological Habitat Assessment

Goal

To introduce definitions, scientific information, and concepts as a foundation to understanding the chemical, biological, and physical components of water quality assessment.

Module	Material	Time
9. Surface Water Quality Indicators including Chemistry	Overhead 3.1-2	55 minutes
10. Water Quality Testing Kits	Overhead 3.3	35 minutes
11. Physical Habitat Assessment	Overhead 3.4	35 minutes
12. Biological Habitat Assessment	Overhead 3.5	45 minutes



Part Three is designed to give short-course participants a basic introduction to water chemistry and habitat assessment, definitions, concepts, and requirements. Supplemental material is included and may be used to review how water can be assessed.

Upon completion of **Part Three**, participants will be able to:

1. Define and identify key indicators of water quality chemistry;
2. Define physical water habitat assessment;
3. Define biological water habitat assessment;
4. Understand how water has been tested in the past and how these three monitoring components affect water quality today;
5. Understand why it is important to test for different water quality and quantity components;
6. Recognize what their community has already done to monitor water quality and how previous programs may be incorporated into current or planned monitoring efforts.