Evaluating the Water Quality Effects of TMDL Implementation

How States Have Done It and the Lessons Learned
Background

• The Topic
• Technical Assistance Planning Group
• Fall 2017 Questionnaire
  • Completed by staff from 39 states and the District of Columbia
• Follow-up conversations and independent literature reviews by ELI
• The information is not intended to be comprehensive
Objectives

Facilitate communication among water quality programs, especially CWA 303(d) programs, and help generate new ideas in this underexplored area

- Highlight the diversity of approaches to evaluating the water quality effects of TMDL implementation
- Explain some of those methods
- Conveys lessons learned
- Detail terminology challenges
- Identify relevant resource materials
Content

I. Overview
II. Terminology
III. Types of Approaches
IV. Lessons from Experience
V. Approaches for Getting Data to Evaluate TMDL Effectiveness
VI. Collection of Monitoring Resources
## Terminology

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Types of Approaches

• Using the Existing Water Quality Monitoring and Assessment Processes

• Leveraging Information from Effectiveness Evaluations of CWA 319-Funded Projects

• Developing Location-Specific Plans in the TMDL Implementation Plan

• Establishing a Collaborative Monitoring Program

• Adaptive Management through “Effectiveness Monitoring” Reports
Other Pieces

• Lessons from Experience
• Approaches for Getting Data to Evaluate TMDL Effectiveness
• Collection of Monitoring Resources
• Examples of Language in TMDLs and TMDL Implementation Plans
Questions?

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