

Scope of Work: PA 12-155 Nonpoint Source Phosphorus Workgroup

Purpose

- Identify the relevant components and sources of nonpoint source (NPS) phosphorus pollution.
- Identify reasonable reduction goals that support designated uses of aquatic life and recreation.
- Identify and assess methods and strategies to achieve those goals.

Assess Existing Information

- Organize Workgroup and ensure communications within group, and with Coordinating Committee, Scientific Methods Workgroup, and Municipal Implementation Workgroup. Organization should assure continuity, transparency, and balance.
- Interface with the CTDEEP 2014 Nonpoint Source Management Program Plan Update relative to phosphorus nonpoint source pollution issues. It is intended that much of the work of this Workgroup be integrated with the work of the NPS Plan Update. Identify and contact potential stakeholders, to participate in the NPS Plan Update process, and establish a process to communicate through website and email.
- Identify existing local and national nonpoint source phosphorus planning and implementation efforts including TMDLs, watershed plans, and other relevant information.

Identify Problem and Issues

Identify phosphorus nonpoint source pollution sources, their relative inputs, and factors influencing variability of those inputs.

Analysis of the Problem

Quantify and allocate practicable loading reductions in phosphorus loading to water bodies that can be attained by implementing various actions and strategies.

Goals and Objectives

Bring together knowledge and experience necessary to analyze and recommend strategies to better manage phosphorus nonpoint source pollution, and recommend cost effective solutions.

Identify Alternative Solutions

- List potential strategies to mitigate or prevent pollution.
- Investigate feasibility of implementation of strategies. List advantages and disadvantages and evaluate overall cost-effectiveness of actions on a macro scale.
- Identify funding needed and responsible parties or partners to implement strategies to reduce NPS loadings.
- Coordinate with DEEP MS4 permitting staff and summarize regulatory framework related to nonpoint source phosphorus pollution.
- Communicate with DEEP's TMDL staff to further assess potential reductions in phosphorus loading in individual basins through implementation of nonpoint source controls.

- Work to engage stakeholders involved with Watershed Based Planning processes to implement Best Management Practices to reduce NPS phosphorus pollution.

Evaluation of outcome and discuss of next steps

- Summarize and disseminate recommendations and findings to Coordinating Committee.
- Qualitatively describe the benefits of achieving support for designated uses of aquatic life and recreation.
- Identify the connection with other NPS issues that might benefit from widespread implementation of practices.