

Nonpoint Source Projects - Pollutants Controlled Report

New Hampshire Department of Environmental Services, Watershed Assistance Section

Adapted from State of Maine DEP-Bureau of Land and Water Quality Doc.# DEP LW 0689

Purpose of the Pollutants Controlled Report

EPA National 319 Program Guidelines require that all states report annual estimates of pollutant load reduction and resource protection accomplished through nonpoint source (NPS) projects. This reporting is compiled in a national database: the EPA's Grant Records Tracking System (GRTS). To obtain this information, DES requires project implementers to submit a pollutants controlled report (PCR) for all NPS Projects involving BMP implementation. The PCR must be submitted to DES at the time of BMP implementation. Two types of information are needed: (1) pollutant load reduction estimates for NPS sites treated with BMPs, and (2) acreage and/or lineal footage of wetlands, stream banks, and shoreline protected or restored.

Instructions

1. Pollutant Load Reduction Estimates. BMP implementation projects intended to control sediments and/or nutrients are required to have load reduction estimates for sediment (tons/year) and nutrients – phosphorus and/or nitrogen (lbs/year). This can be accomplished through the use of tools such as pollutant loading models or engineering calculations. For each NPS project: (a) identify the method(s) used to estimate NPS load reductions, and (b) estimate the amounts of pollutant load reduced during one year.

DES recommends using the methods described in the EPA "Region 5 Model", the STEPL model, and/or the Water Erosion Prediction Project (WEPP) computer model to estimate NPS load reductions. Further information on the models can be found at <http://it.tetrattech-ffx.com/stepl/default.htm> (Region 5, and STEPL) and <http://forest.moscowfsl.wsu.edu/fswepp/> (WEPP). Please contact your DES project leader to discuss any alternate estimation methods that you plan to use.

- Step 1. Complete "Table 3 - List of NPS Sites & Methods Used." For each NPS site, list a very brief description of the site, the estimation method used, the BMP implementation date, and the estimated pollutant load reduction for sediment and phosphorus. If the BMPs are intended to control nitrogen, also report nitrogen reduced.
- Step 2. Complete "Table 1 - Pollutant Load Reduction Estimates for NPS Sites Treated with BMPs." Report the total pollutant load reductions for the project for the year. Report the name of the waterbody. If the project is directed at more than one waterbody, then report the load reductions for each waterbody individually.

2. Resources Protected or Restored. Complete "Table 2 - Wetlands, Streambanks, Shoreline Protected or Restored During This Project." Provide quantitative information about work accomplished during the NPS project to create or restore wetlands, protect stream banks or shoreline, and stabilize stream channels. If documented field measurements are not available, this information may be estimated from scaled maps or photos.

3. Submitting the PCR Report. Please mail the PCR to your DES project leader. The PCR must be completed and received by DES **within one month following BMP implementation.**

NPS Projects - Pollutants Controlled Report
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DES Project Number: _____ Date of Report: _____
 Project Title: _____
 Grantee: _____

Table 1. Pollutant Load Reduction Estimates for NPS Sites Treated with BMPs

| Waterbody Name | Sediment tons per year | Phosphorus pounds per year | Nitrogen pounds per year |
|----------------|---------------------------|-------------------------------|-----------------------------|
| | | | |
| | | | |
| | | | |
| Totals | | | |

Table 2. Wetlands, Streambanks, Shoreline Protected / Restored During This Project

| Resource | Planned acres | Actual acres | Planned linear feet | Actual linear feet |
|------------------------------------|------------------|-----------------|------------------------|-----------------------|
| Wetlands restored | | | not applicable | not applicable |
| Wetlands created | | | not applicable | not applicable |
| Streambank /shoreline protected | not applicable | not applicable | | |
| Stream channel stabilized | not applicable | not applicable | | |

The estimations in this report were determined using the appropriate estimation model(s) and applied according to the procedures prescribed for the model. To the best of my knowledge these are reasonable estimates using appropriate methods. Documentation is kept on file by the grantee and is available for review by NHDES and USEPA.

Submitted by (for Grantee): _____ on ___/___/___
Signature Printed Name

Reviewed by (for DES): _____ on ___/___/___
Signature Printed Name

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Table 3. List of NPS Sites and Methods Used

| Site ID (Location, name or # from site list) | Brief BMP Description | Estimation Method / Sub- Method Used | Implementation Date | Tons of Sediment Per Year | Pounds of Phosphorus Per Year | Pounds of Nitrogen Per Year |
|---|--|--|------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| EXAMPLE: Jones Road | Stabilize 500 feet of road drainage ditch | Region 5 / CEE | June 30, 2010 | 12.7 | 1.4 | N/A |
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| Totals for the Year: | | | | | | |