

Pollutants Controlled Report

NPS Grants Program, Maine Department of Environmental Protection

Year: _____

Project #: _____

Project Title: _____

Grantee: _____

DEP Agreement Admin.: _____

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

Water Body Name	Sediment Tons/Yr	Phosphorus Pounds/Yr	Nitrogen Pounds/Yr	Streambank or Shoreline Protected Feet
Totals				

2. NPS Sites, Methods Used, and Pollutants Controlled

Site ID	Brief NPS Site Description	Method (See list below)	Sediment Tons/Yr	Phosphorus Pounds/Yr	Nitrogen Pounds/Yr	Streambank or Shoreline Protected Feet
Totals for the Year:						

Pollutant Load Reduction Estimation Methods

Region 5 Model. Region 5 Load Reduction Model Sub-methods

http://it.tetrattech-ffx.com/steplweb/STEPLmain_files/Region5manual.pdf

R5/GEE	Gully Erosion Equation for Gully Stabilization
R5/CEE	Channel Erosion Equation for Streambank/Ditchbank/Roadbank Stabilization
R5/Fields	Uses Revised Universal Soil Loss Equation (RUSLE), sediment delivery ratio and contributing drainage area for Agricultural Fields
R5/Filter	Uses Relative gross filter strip effectiveness Filter Strips
R5/Feedlot	12 step method for Feedlot Pollution Reduction
R5/Urban	Urban Runoff BMP Pollutant Load Reduction Worksheet

WEPP Model. Water Erosion Prediction Project (WEPP) computer model

<http://forest.moscowfl.wsu.edu/fswepp/>

STEPL. Spreadsheet Tool for the Estimation of Pollutant Load

http://it.tetrattech-ffx.com/steplweb/STEPLmain_files/STEPLGuide310.pdf

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3. BMP Types - Select BMPs from the list below that best describe those used at NPS sites.

Gravel Roads & Driveways:		Urban, Lake, & Watershed:		Agricultural:	
<input type="checkbox"/>	Camp Road Crowning/Ditching	<input type="checkbox"/>	Catch Basin Treatment System Inserts	<input type="checkbox"/>	Access Road
<input type="checkbox"/>	Check Dams	<input type="checkbox"/>	Filter Strip	<input type="checkbox"/>	Contoured Buffer Strip
<input type="checkbox"/>	Culvert Armoring	<input type="checkbox"/>	Infiltration Trench	<input type="checkbox"/>	Conservation Cover
<input type="checkbox"/>	Ditch Stabilization	<input type="checkbox"/>	Mulching	<input type="checkbox"/>	Conservation Crop Rotation
<input type="checkbox"/>	Road Ditch Creation / Improvement	<input type="checkbox"/>	Raingarden / Bioretention Basin	<input type="checkbox"/>	Diversion
<input type="checkbox"/>	Sediment Basin	<input type="checkbox"/>	Roof Runoff Management	<input type="checkbox"/>	Filter Strip
<input type="checkbox"/>	Water bars	<input type="checkbox"/>	Streambank & Shoreline Protection	<input type="checkbox"/>	Grassed Waterway
<input type="checkbox"/>	Other (list below):	<input type="checkbox"/>	Other (list below):	<input type="checkbox"/>	Heavy Use Area Protection
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Lined Waterway (includes rock or grass-lined waterway)
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Sediment Basin
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Stream Crossing
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Stream Exclusion Fencing
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Waste Storage Facility
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Watering Facility
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Other (list below):
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4. Certification

To the best of my knowledge, the estimates in this report are reasonable. The estimates were determined using the appropriate model(s) and applied according to the procedures prescribed for the model(s). Documentation is attached to this PCR for review by DEP / EPA.

Prepared by:

Name

Date

DEP Reviewer:

Name

Date