



## **Videotape Lending Library Listing**

**Maine Department of Environmental Protection**

**August 2004**

DEPLW20D2004

## **Maine Nonpoint Source Training and Resource Center Videotape Lending Library**

**The following is a listing and description of videocassettes which make up the lending library of the Nonpoint Source Training and Resource Center as of August 1, 2004. These videos are 1/2" VHS format and are available from the center at no charge for your in-house training use or individual viewing. The videotapes are categorized into ten topic areas:**

- **General Nonpoint Source Pollution (GNPS)**
- **General Water Pollution (GWP)**
- **Erosion and Sedimentation Control (ESC)**
- **Agricultural & Forestry Best Management Practices (AFBMP)**
- **Stormwater Management (SWM)**
- **Lake Protection (LP)**
- **Coastal Nonpoint Pollution (CNPP)**
- **Local Watershed Protection Efforts (LWPE)**
- **Groundwater Protection (GP)**
- **Stream Restoration (SR)**

**We will loan you a maximum of two tapes per request for a two-week period. If you are interested in making use of this library, please review the listing, and submit your request for videocassettes using the form located at the end of the listing, or contact the Center at 287-7726.**

## **General Nonpoint Source Pollution (GNPS)**

### **GNPS 1. Clean Water Clear Choices: The Challenge of Nonpoint Source Pollution, National Association of Conservation Districts, 1991**

*Subject:* Explains in detail nonpoint source pollution and its various causes. Graphic shots of polluted waters. Explains the consequences of NPS such as health effects, loss of recreational uses, etc. Uses restoration efforts of Anacostia River Watershed in Washington D.C. area and Indian River Bay in Delaware, as examples.

*Audience:* Municipal Officials, Contractors, Agricultural and Forestry Community and the General Public

### **GNPS 2. Nonpoint Source Pollution, Maine Audubon Society Time: 8 minutes 22 seconds**

*Subject:* Explains nonpoint source pollution relating it to the Maine environment. Discusses the various causes of NPS from land use activities, etc., and the various methods that can be used to prevent it. Does not go into detail on best management practices.

*Audience:* Municipal Officials, Contractors, Agricultural and Forestry Community and the General Public

### **GNPS 3. Maine Envirothon Seminar: Nonpoint Source Pollution, Maine DEP, 1993**

*Subject:* Videotaped interactive television seminar for training of Envirothon participants. Detailed discussion of nonpoint source pollution in Maine using a question and answer format (Call-in questions are used) with experienced biologists and a water quality specialist. Slides and videos are also used effectively to illustrate points.

*Audience:* Teachers, High School Students, Municipal Officials, Agricultural and Forestry Community and the General Public.

### **GNPS 4. We All Live Downstream, Oregon State University Cooperative Extension Time: 28 minutes 30 seconds**

*Subject:* Introduces the concept of nonpoint source pollution using the Tualatin River Watershed and its history as an example. Uses interviews with various individuals and experts talking about nonpoint source issues as a way to illustrate the concept.

*Audience:* Municipal Officials and the General Public

### **GNPS 5. Nonpoint Source Pollution in the Casco Bay Watershed, Maine Audubon Society**

*Subject:* Explains nonpoint source pollution relating it to the Casco Bay watershed. Provides detail on characteristics of the watershed. Discusses the various causes of NPS from land use activities, etc., and the various methods that can be used to prevent it. Does not go into detail on best management practices.

*Audience:* Municipal Officials, Contractors, Agricultural and Forestry Community, and the General Public.

### **GNPS 6. Earthminders Program: Nonpoint Source Pollution, Maine DEP, 1994**

*Subject:* Videotaped interactive television seminar for training of Maine teachers. Detailed discussion of Nonpoint Source pollution in Maine using demonstrations, video clips and short presentations in a question and answer format (Call in questions are used). The seminar outlines a number of educational tools, which can be used to illustrate NPS. An experienced DEP biologist and a water quality specialist from the Cobbossee Watershed District coordinate the seminar.

*Audience:* Teachers, and the General Public.

### **GNPS 7. Luck Isn't Enough: The Fight for Clean Water, New York and Connecticut Sea Grant Extension Time: 12 minutes**

*Subject:* An excellent video narrated by actor Mason Adams, explaining the concept and the various sources of nonpoint source pollution. Drives home the point that all of us contribute to it in some way and we must all be part of the solution to prevent it. Provides useful information for the general public and municipal officials on ways to prevent nonpoint source pollution.

*Audience:* General Public and Municipal Officials

### **GNPS 8. Maine's Polluted Water: We All Can Help, Maine DEP and State Planning Office, 1996**

*Subject:* This is an award-winning program on Maine nonpoint source pollution. It is hosted by Maine TV personality Patsy Wiggins and uses a mixture of interviews with various members of Maine's environmental community interspersed with great shots of scenic and polluted areas. The video makes great points and provides excellent tips on how to prevent nonpoint source pollution from our everyday activities.

*Audience:* Municipal Officials, Lake Associations, Students and the General Public

### **GNPS 9. Every Time It Rains, Preventing Water Pollution from Runoff, Natural Resources Council of Maine**

*Subject:* This video discusses the concept of nonpoint source pollution through a combination of narration, local examples, interviews with members of the environmental community and various affected parties. It further suggests ways in which nonpoint source pollution can be dealt with.

*Audience:* Municipal Officials, General Public, Students

### **GNPS 10 After the Rain: Urban Runoff, Oregon State University Extension & Experiment Station, 1999** **Time: 29 minutes, 22 seconds**

*Subject:* This video explores the importance of water, the pressures our cities are placing on this precious resource and ways that individuals can protect nearby waterbodies and local drinking water supplies. It is an excellent video to educate people on nonpoint source pollution issues and provides practical suggestions on how to minimize the amount of this pollution that is produced.

*Audience:* Municipal Officials, General Public

### **GNPS 11 After the Storm, US EPA and The Weather Channel, 2004** **Time: 22 minutes**

*Subject:* This video explains polluted runoff and its effect and discusses the watershed concept, pollution effects and prevention practices using actual case studies from California, Louisiana, New York and Michigan. It also provides a discussion of what the average citizen can do to prevent stormwater pollution from their activities. This is an excellent video to educate folks on stormwater pollution. It combines a series of short interviews and excellent film footage to illustrate points.

*Audience:* Municipal Officials, General Public

## **General Water Pollution (GWP)**

### **GWP 1. The Clean Water Game, New England Interstate Water Pollution Control Commission, 1989** **Time: 9 minutes 14 seconds**

*Subject:* Uses the format of a board game to explain general water pollution, its sources, including nonpoint, and ways to help clean up and prevent it. Discusses choices that need to be made, funding, etc. Promotes activism in cleaning up our waterways.

*Audience:* Municipal Officials, General Public

### **GWP 2. Clean Water We All Need it Volunteer Monitoring in Defense of Estuaries, University of Maine Cooperative Extension**

*Subject:* Uses the Damariscotta River, St. George River and the Great Bay Estuaries to illustrate the problems associated

with water pollution. Loss of shellfish beds and aquaculture concerns are stressed. Discusses the benefits of volunteer monitoring programs, using the programs established for those areas as examples.

*Audience:* Municipal Officials, General Public, Members of Water Quality Protection Associations

### **GWP 3. Clean Water Who Can Help, Cooperative Extension Service** **Time: 25 minutes**

*Subject:* The video covers the critical first steps to take in dealing with water quality problems, who to talk to, how to publicize, what resources are available, etc. Covers experiences of people in different regions of the state who are involved with dealing with water pollution problems in coastal and inland areas. Uses an interview format to illustrate points.

*Audience:* Anyone interested in organizing to take action to deal with water quality problems

### **GWP 4. Turning the Tide: Keeping Pollution at Bay, EPA, 1991**

*Subject:* Outlines the history of pollution in Buzzard's Bay Massachusetts and discusses the various efforts including the Buzzards Bay Project, that have been undertaken to clean it up. This video uses a narrator and a series of interviews with various key people in the Buzzards Bay area to illustrate its points.

*Audience:* Anyone interested in organizing to take action to deal with water quality problems

### **GWP 5. Twelve Towns - Six Rivers -One Bay, May 1990**

*Subject:* Outlines the history and resources of Merrymeeting Bay from its origins to the years where human activity caused its pollution to the present where clean up efforts have paid off. Uses a technique where the narrator speaks as the bay itself describing its history and the effects of human activities, urging us to protect its resources from future degradation. The video is actually a videotaped slide presentation, which is very well done.

*Audience:* Students, General Public, Municipal Officials

### **GWP 6. Quest "Water Ways", Maine Public Television, 1995** **Time: 56 minutes 4 seconds**

*Subject:* This video provides excellent information on Maine's lakes and rivers, the present and historical threats to them, and the benefits they provide. The video discusses pollution, dams, fisheries and recreational activities using a mixture of interviews, narration and current and historical footage.

*Audience:* General Public, Students

**GWP 7. S.O.S for America's Streams, Izaak Walton League of America, 1990**  
**Time: 28 minutes**

*Subject:* This video covers the concepts of point and nonpoint pollution as they affect streams. The video also discusses in detail the use of indicator aquatic species in determining the health of a stream. Actual footage and demonstration of stream sampling is used.

*Audience:* Volunteer groups, Watershed Associations, Students

**Erosion and Sedimentation Control (ESC)**

**ESC 1. Erosion and Sediment Control**  
**Maryland Department of the Environment, 1994**  
**Time: 28 minutes**

*Subject:* This video starts out by explaining nonpoint source pollution as it relates to Chesapeake Bay. It then discusses soil erosion as a pollution source. Maryland's "Green Card" program for erosion control is then touched on. Various modules on erosion control practices are then presented including perimeter controls, pipe slope drains, riprap channels, gabions, stone check dams, stone outlet structures, sediment trapping, storm drain inlet protection, and vegetative stabilization and grading practices.

*Audience:* Contractors, Developers, Engineers, Public Works Crews, Code Enforcement Officers

**ESC 2. Keeping Soil on Construction Sites: Best Management Practices, Ohio Department of Natural Resources, Ohio Homebuilders Association**

*Subject:* This video concentrates specifically on erosion control for construction sites. Erosion prevention, using cover, sediment control ponds and sediment removal are units covered. The video goes over each section and summarizes key points.

*Audience:* Contractors, Developers, Engineers, Public Works Crews, Code Enforcement Officers

**ESC 3. Erosion and Sediment Control Practices: Video Modules, North Carolina Dept. of Environment, Health and Natural Resources, 1991**  
**Time: 87 minutes (Two video set)**

*Subject:* This is a set of two videos, which does an excellent job in outlining 12 different types of erosion control practices. This is again geared toward construction sites and includes among others, information on installation of silt fencing, temporary sediment traps, riprap lined channels, ditch check dams, temporary slope drains and rock dams.

*Audience:* Contractors, Developers, Engineers, Public Works Crews, Code Enforcement Officers

**ESC 4. Erosion Control For Water Quality Protection, Cobbossee Watershed District**

*Subject:* This Maine made video uses a combination of slides and videotaped installation demonstrations to illustrate various erosion control techniques including the new geotextiles and other products. Goes over the five basic strategies in dealing with erosion of soil from a site. The video is a little outdated in that it refers to the Environmental Quality Handbook rather than the current Erosion Control BMPs. Nonetheless it is quite informative in that it exposes viewers to a variety of techniques and provides tips on their proper installation.

*Audience:* Contractors, Developers, Engineers, Municipal Officials, Public Works Crews

**ESC 5. Erosion and Sediment Control Facilities, Southern Pennsylvania Association of Conservation Districts**

*Subject:* This video is actually four videos in one. It covers vegetative covers and linings, sedimentation basins, sediment traps, and silt fence and hay bale barriers in four different video modules. The video provides design details and demonstrates the necessary steps in construction. It also discusses maintenance and problems that may occur.

*Audience:* Contractors, Developers, Engineers, Municipal Officials, Public Works Crews

**ESC 6. Slope Installation Guide, North American Green**  
**Time: 10 minutes**

*Subject:* This is a promotional video for North American Green which outlines the proper installation of erosion control blankets on a slope for temporary stabilization. The video covers proper trenching and stapling and discusses soil types and seeding.

*Audience:* Contractors, Developers, Engineers, Public Works Crews, and anyone considering the use of these blankets for slope stabilization purposes.

**ESC 7. Fundamentals of Soils, North American Green**  
**Time: 15 minutes**

*Subject:* This is another promotional video from North American Green which discusses the basics of soil erosion and provides interesting facts about its consequences. The video further discusses what can be done to control erosion, promoting North American Green Products as solutions.

*Audience:* Contractors, Developers, Engineers, Public Works Crews

## **ESC 8. Channel Installation Guide, North American Green**

*Subject:* This is another promotional video which outlines proper installation of erosion control blankets to stabilize channels. The video covers proper seeding, trenching and stapling, and is a good video to view when comparing channel stabilization techniques.

*Audience:* Contractors, Developers, Engineers, Public Works Crews, and anyone considering the use of these blankets for channel stabilization purposes.

## **ESC 9. Basic Principals for Proper Installation of Corrugated Steel Pipe, Corrugated Steel Pipe Association**

*Subject:* This video provides a good summary of the proper methods for installing steel culverts. Topics covered include assembly, bedding, compaction, back filling, multiple structure installations, etc. A "must see" for individuals involved with culvert installation.

*Audience:* Contractors, Public Works Crews

## **Agricultural & Forestry Best Management Practices (AFBMP)**

### **AFBMP 1. Improved Water Quality through Livestock Exclusion, Penobscot County Soil & Water Conservation District, 1991**

*Subject:* This is a Maine made video filmed in the Kenduskeag River watershed. It covers various best management practices that can be used in farming operations to protect water quality. These include short duration grazing, livestock exclusion, new water systems and streambank stabilization.

*Audience:* Farmers

### **AFBMP 2. Conservation on Your Own, Soil Conservation Service**

*Subject:* This video is modular in format and covers soil conservation practices that minimize soil loss and protect water quality. Crop residue, contour farming, strip cropping, windstrips, windbreaks and terracing are outlined in a "how to" format. A good video for farmers who want to minimize nonpoint source pollution from their operation.

*Audience:* Farmers

### **AFBMP 3. Water Quality (Forestry BMPs), Michigan State University Cooperative Extension Service**

*Subject:* This video outlines the importance of best management practices in conducting forest harvesting activities. Pre-harvest planning, the use of waterbars, buffer strips, road crossings, etc. are outlined.

*Audience:* Loggers, Foresters, Woodlot Owners

## **AFBMP 4. Managing Your Woodlot, West Virginia University Cooperative Extension**

*Subject:* This two-video set includes eight modules pertaining to woodlot management. These include such topics as: Building Roads; Helping the Woodlot Grow; Best Management Practices; Being a Good Forest Steward, etc. Although the videos are set in West Virginia, they stress proper management practices and stewardship. This video set can be very useful to Maine woodlot owners.

*Audience:* Woodlot Owners, Loggers, Foresters

## **AFBMP 5. A Practical Guide to Maine's Forestry BMPs, University of Maine Dept. of Forest Management, Cooperative Forest Research Unit, 1999.**

**Time: 18 minutes 50 seconds**

*Subject:* This video is a step-by step guide to planning and constructing several kinds of BMPs on skid trails, haul roads and landings, and across brooks and intermittent streams. It shows how BMPs can save loggers time and money and help preserve forest water quality.

*Audience:* Woodlot Owners, Loggers, Foresters

## **Stormwater Management (SWM)**

### **SWM 1. Stormwater Runoff, Maine DEP, Acadia Video Productions, 1991**

*Subject:* A detailed examination of stormwater management using the state of Florida's programs as an example. Eric Livingston of Florida's DER presents a slide presentation which includes an explanation of runoff and its effects and ways that Florida's municipalities and districts have dealt with stormwater problems. Planning and financial considerations are stressed and the presentation provides a call to action to deal with Maine's stormwater problems.

*Audience:* Engineers, Site Designers, Municipal Officials

### **SWM 2. Stormceptor, Stormceptor Corporation**

*Subject:* This is a promotional video discussing the components of the "Stormceptor" manufactured stormwater treatment system. The product is designed to remove pollutants from stormwater and has been reviewed by DEP.

*Audience:* Engineers, Site Designers, Municipal Officials

**SWM 3. Riparian Forest Buffers, The Link Between Land and Water, University of Maryland Cooperative Extension Service  
Time: 21 minutes**

*Subject:* This video illustrates the functions and values of the riparian forest habitat. It provides information on the three-zone riparian management system and visits both urban and rural buffer projects.

*Audience:* Municipal officials, Landowners, Foresters

**SWM 4. Just Passing Through, Stormwater Pollution Prevention, EXCAL Visual Communications  
Time: 19 minutes 45 seconds**

*Subject:* This video is designed to assist in training employees at industrial facilities about stormwater discharge regulations and in ways to prevent discharges from occurring. It provides examples of poor work practices as well as Best Management Practices required under state and federal regulations. A good video for facilities handling product and raw materials likely to pose a threat to the state's waterbodies.

*Audience:* Industrial Facilities, Commercial Enterprises

**SWM 5. The Cutting Edge Technology Report: Stormwater**

*Subject:* This video is a compilation of two television programs that discuss managing stormwater in an environmentally sensitive manner. The programs highlight case studies from various portions of the country including Florida, Wisconsin California, Maryland, and Mississippi. The case studies briefly look at the resources being impacted by polluted stormwater and the innovative actions or practices being undertaken to prevent future degradation.

*Audience:* General Public, Municipal Officials, Watershed Groups, Engineers

**Lake Protection (LP)**

**LP 1. How to Save a Lake, Lakes Environmental Association  
Time: 14 Minutes**

*Subject:* This video provides information on the major cause of lake pollution in Maine: phosphorous loading. It covers the watershed concept, the sources of phosphorous, how it is monitored, and the effects it has on a lake. The video uses Highland Lake as an example, and uses personal interviews with various individuals involved with the effort to control phosphorous. Peter Lowell of Lakes Environmental Association is the narrator.

*Audience:* Lake Associations, Municipal Officials

**LP 2. For Your Lakes Sake, Eastern Midcoast Planning Commission, The Midcoast Water Study Commission, Maine DEP, US EPA**

*Subject:* A video completed by a group of students from Maine's midcoast area high schools which outlines the pollution problems associated with lakes. The video uses Chickawaukee Lake in Rockland as an example and uses an interview format to provide information on the causes of pollution and specific things that are being done to clean it up.

*Audience:* Teachers, Students, Lake Associations, General Public

**LP 3. Vegetated Buffers Protecting Property Values & Water Quality, Maine DEP, 1998  
Time: 15 minutes**

*Subject:* This video introduces the watershed concept as well as provides valuable information on phosphorous loading of lakes, and the use of vegetated buffers to minimize this loading. It also provides information on the value of buffers to the landowner. Using special effects the video transforms several types of common lake front property scenarios into properties that include well-planned buffers and stabilization techniques.

*Audience:* Lake Associations, Landowners, Municipal Officials

**LP4. Volunteer Lake Watershed Surveys, Maine DEP, Maine Congress of Lake Associations, 1998  
Time: 10 minutes**

*Subject:* This video discusses nonpoint source pollution and outlines the process of conducting a Lake Watershed Survey as a means of identifying pollution sources that affect lakes. The video outlines the purpose and elements of a survey and its use as a tool to educate landowners and abate pollution sources. Excellent source of information for concerned groups who are thinking of conducting a survey of their lake watershed.

*Audience:* Lake Associations, Watershed Groups, Municipal Officials.

**Coastal Nonpoint Pollution (CNPP)**

**CNPP 1. Preventing Pollution at Boatyards, Washington State Department of Ecology, 1992 Time: 20 minutes**

*Subject:* This video introduces Washington State's NPDES wastewater permitting process for boatyards and provides good information on ways to prevent nonpoint source pollution from these facilities. Wastewater collection systems for pressure washing activities from various boatyards are examined. Stormwater runoff and best management practices are also discussed.

*Audience:* Boatyard and Marina Owners and Operators

## **CNPP 2. Edson International Pumpout Systems**

*Subject:* This is a promotional video used by Edson International to illustrate the various sewage pumpout products they offer. This is a good video to use when considering pumpout options for public and private marina facilities since it looks at all the various types of pumpouts from portable manual models to the large gasoline operated types.

*Audience:* Boatyard and Marina Owners and Operators, Municipal Officials

## **CNPP 3. Reducing Waste and Preventing Pollution at Marinas, University of Wisconsin Board of Regents, 1996**

**Time: 140 minutes 50 seconds**

*Subject:* This is a set of two videotapes that provide an excellent source of information on pollution prevention practices for marina owners. Three recognized experts in the marina field relate information on various practices that can be employed, and provide examples on how these practices have benefited marina owners.

*Audience:* Boatyard and Marina Owners and Operators, Municipal Officials

## **Local Watershed Protection Efforts (LWPE)**

### **LWPE 1. A Basin of Life: The Union River Watershed, Acadia Film /Video 1992**

**Time: 22 minutes 48 seconds**

*Subject:* This video introduces the viewer to the Union River Watershed and, through a series of interviews with local citizens, provides information on the functions and values it provides. It also outlines various protection efforts conducted by grassroots groups. Good video to use to illustrate the watershed concept and to provide an example of local groups dealing with watershed concerns.

*Audience:* Citizen Groups, General Public

### **LWPE 2. The Scarborough Watershed Project: A Community Working Together for Clean Water, 1994**

*Subject:* This video outlines the efforts of the Scarborough Coastal Pollution Committee to clean up and monitor point source and nonpoint source pollution affecting the Scarborough Marsh. A series of interviews with committee members is used to discuss the various issues. Water quality sampling, wastewater treatment and watershed surveys are among topics that are covered.

*Audience:* Citizen Groups, General Public

## **Groundwater Protection (GP)**

### **GP 1. The Power To Protect, EPA, NEIWPC, Mass. Audubon**

*Subject:* This video looks at the experiences of three New England towns in dealing with protection of their groundwater resources. An interview format in combination with the use of a narrator are used effectively to discuss aquifer protection strategies, well head delineation studies and other tactics used to protect these resources.

*Audience:* Municipal Officials, General Public

### **GP 2. Keep It Clean, EPA, MDEP**

**Time: 19 minutes**

*Subject:* This video was completed by the ninth grade class of the Gray-New Gloucester Junior High School. It provides information on groundwater hydrology, the sources of groundwater pollution and ways that you can prevent groundwater contamination.

*Audience:* Students, Teachers, General Public

### **GP 3. Local Groundwater Protection Planning, MDEP, 1988**

**Time: 25 minutes, 55 seconds**

*Subject:* This video outlines the ten steps to groundwater protection planning. The video uses a narrator and interview format and the experience of the town of Lamoine as an example. It includes the efforts of Lamoine's Groundwater Committee in the various steps of the process of completing a groundwater protection plan. Actual footage of committee meetings and fieldwork is used.

*Audience:* Municipal Officials, Local Citizen Groups looking to protect groundwater resources

### **GP 4. Play it Safe With Maine's Groundwater, Maine DEP**

*Subject:* This video uses a narrated slide presentation to discuss Maine's groundwater resources and the various threats to it. Underground tank, septic system, pesticide and fertilizer contamination is discussed. In addition, the video provides a list of sources for further information on protecting groundwater.

*Audience:* Municipal Officials, General Public

### **GP 5. The Groundwater Video, Water Pollution Control Federation 1989**

*Subject:* This video uses a computer game concept to introduce groundwater and the threats to it, to students. It is an excellent video to use in classroom instruction since it is concise and gets the points across in an entertaining way. It covers underground tank, pesticide, fertilizer and septic system contamination using video images.

*Audience:* 4th to 8th Grade Students

## **Stream Restoration (SR)**

### **SR 1. Urban Stream Restoration, A Video Tour of Ecological Restoration Techniques Time: 61 Minutes**

*Subject:* This is an information packed video tour of six urban stream restoration sites. It provides background information on how the projects were funded and organized with community involvement and the history and principles of restoration.

*Audience:* Citizen Groups, General Public, Resource Professionals

### **SR 2. Organizing a Successful River Cleanup, America Outdoors and National River Cleanup Week.**

*Subject:* Covers all the steps in organizing a cleanup, from forming the initial planning committee, getting sponsors, publicity, organizing volunteers, running the cleanup itself, and finishing things afterwards. An excellent way to avoid reinventing the wheel for your river cleanup!

*Audience:* Citizen Groups, Municipal Officials, General Public

### **SR 3. The Streamkeeper, The Adopt- A Steam Foundation, 1996**

*Subject:* This video starring "Bill Nye, the Science Guy" is an excellent training tool to teach folks about watersheds and how to protect streams that run through them. The video outlines the three step process in becoming a stream keeper and discusses basic concepts like the hydrologic cycle and the river continuum.. In addition problems caused by human activity such as pollution and habitat destruction are covered. Finally, stream monitoring procedures and stream care are discussed.

*Audience:* Teachers, Citizen Groups, Students

### **SR 4. Unstable Rivers, Using a Geomorphic Watershed Based Approach to River Restoration, Vermont Water Quality Division Time: 21 minutes 36 seconds**

*Subject:* This video provides excellent information on river restoration techniques using a geomorphic watershed based approach. Restoration of the Trout River in Vermont is used as a case study to depict various techniques and practices as well as the consideration of river dynamics. A combination of interviews and river footage is used to illustrate points.

*Audience:* Citizen Groups, Resource Professionals, Municipal Officials

**The videotapes listed on the preceding pages are available from The Maine Nonpoint Source Training and Resource Center at no charge, for in-house training or individual viewing. The Center will loan you a maximum of two tapes per request for a TWO-WEEK PERIOD. To obtain videotapes check off the desired titles on the next page, fill out the necessary information on the bottom of this page, and mail your request to the center at:**

**The Maine Department of Environmental Protection  
17 State House Station  
Augusta, Maine 04333**

\*\*\*\*\*

**Name:** \_\_\_\_\_ **Tel. #** \_\_\_\_\_

**Company/Agency/Municipality:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City/Town:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**General Nonpoint Source Pollution (GNPS)**

\_\_\_\_ GNPS 1. Clean Water Clear Choices:

\_\_\_\_ GNPS 2. Nonpoint Source Pollution

\_\_\_\_ GNPS 3. Maine Envirothon Seminar: Nonpoint Source Pollution

\_\_\_\_ GNPS 4. We All Live Downstream

\_\_\_\_ GNPS 5. Nonpoint Source Pollution in the Casco Bay Watershed

\_\_\_\_ GNPS 6. Earthminders Program: Nonpoint Source Pollution

\_\_\_\_ GNPS 7. Luck Isn't Enough: The Fight for Clean Water

\_\_\_\_ GNPS 8. Maine's Polluted Water: We All Can Help,

\_\_\_\_ GNPS 9. Every Time It Rains

\_\_\_\_ GNPS 10. After The Rain

\_\_\_\_ GNPS 11. After The Storm

**General Water Pollution (GWP)**

\_\_\_\_ GWP 1. The Clean Water Game

\_\_\_\_ GWP 2. Clean Water We All Need it

\_\_\_\_ GWP 3. Clean Water Who Can Help

\_\_\_\_ GWP 4. Turning the Tide: Keeping Pollution at Bay

\_\_\_\_ GWP 5. Twelve Towns - Six Rivers -One Bay

\_\_\_\_ GWP 6. Quest "Water Ways"

\_\_\_\_ GWP 7. S.O.S for America's Streams

**Erosion and Sedimentation Control (ESC)**

\_\_\_\_ ESC 1. Erosion and Sediment Control

\_\_\_\_ ESC 2. Keeping Soil on Construction Sites

\_\_\_\_ ESC 3. Erosion and Sediment Control Practices: Video modules

\_\_\_\_ ESC 4. Erosion Control For Water Quality Protection

\_\_\_\_ ESC 5. Erosion and Sediment Control Facilities

\_\_\_\_ ESC 6. Slope Installation Guide

\_\_\_\_ ESC 7. Fundamentals of Soils

\_\_\_\_ ESC 8. Channel Installation Guide

\_\_\_\_ ESC 9. Basic Principals For Proper Installation of Corrugated Steel Drainage Systems

**Agricultural & Forestry Best Management Practices (AFBMP)**

\_\_\_\_ AFBMP 1. Improved Water Quality through Livestock Exclusion

\_\_\_\_ AFBMP 2. Conservation on Your Own

\_\_\_\_ AFBMP 3. Water Quality (Forestry BMPS)

\_\_\_\_ AFBMP 4. Managing Your Woodlot

\_\_\_\_ AFBMP 5. A Practical Guide to Maine's Forestry BMPs

**Stormwater Management (SWM)**

\_\_\_\_ SWM 1. Stormwater Runoff

\_\_\_\_ SWM 2. Stormceptor

\_\_\_\_ SWM 3. Riparian Forest Buffers the Link Between Land & Water

\_\_\_\_ SWM 4. Just Passing Through

\_\_\_\_ SWM 5. The Cutting Edge Technology Report: Stormwater

**Lake Protection (LP)**

\_\_\_\_ LP 1. How to Save a Lake

\_\_\_\_ LP 2. For Your Lake's Sake

\_\_\_\_ LP 3. Vegetated Buffers

\_\_\_\_ LP 4. Volunteer Lake Watershed Surveys

**Coastal Nonpoint Pollution (CNPP)**

\_\_\_\_ CNPP 1. Preventing Pollution at Boatyards

\_\_\_\_ CNPP 2. Edson International Pumpout Systems

\_\_\_\_ CNPP 3. Reducing Waste and Preventing Pollution at Marinas

**Local Watershed Protection Efforts (LWPE)**

\_\_\_\_ LWPE 1. A Basin of Life: The Union River Watershed

\_\_\_\_ LWPE 2. The Scarborough Watershed Project

**Groundwater Protection (GP)**

\_\_\_\_ GP 1. The Power To Protect

\_\_\_\_ GP 2. Keep It Clean

\_\_\_\_ GP 3. Local Groundwater Protection Planning

\_\_\_\_ GP 4. Play it Safe With Maine 's Groundwater

\_\_\_\_ GP 5. The Groundwater Video

**Stream Restoration (SR)**

\_\_\_\_ SR 1. Urban Stream Restoration

\_\_\_\_ SR 2. Organizing a Successful River Cleanup

\_\_\_\_ SR 3. The Streamkeeper

\_\_\_\_ SR 4. Unstable Rivers, Using a Geomorphic Watershed Based Approach to River Restoration