

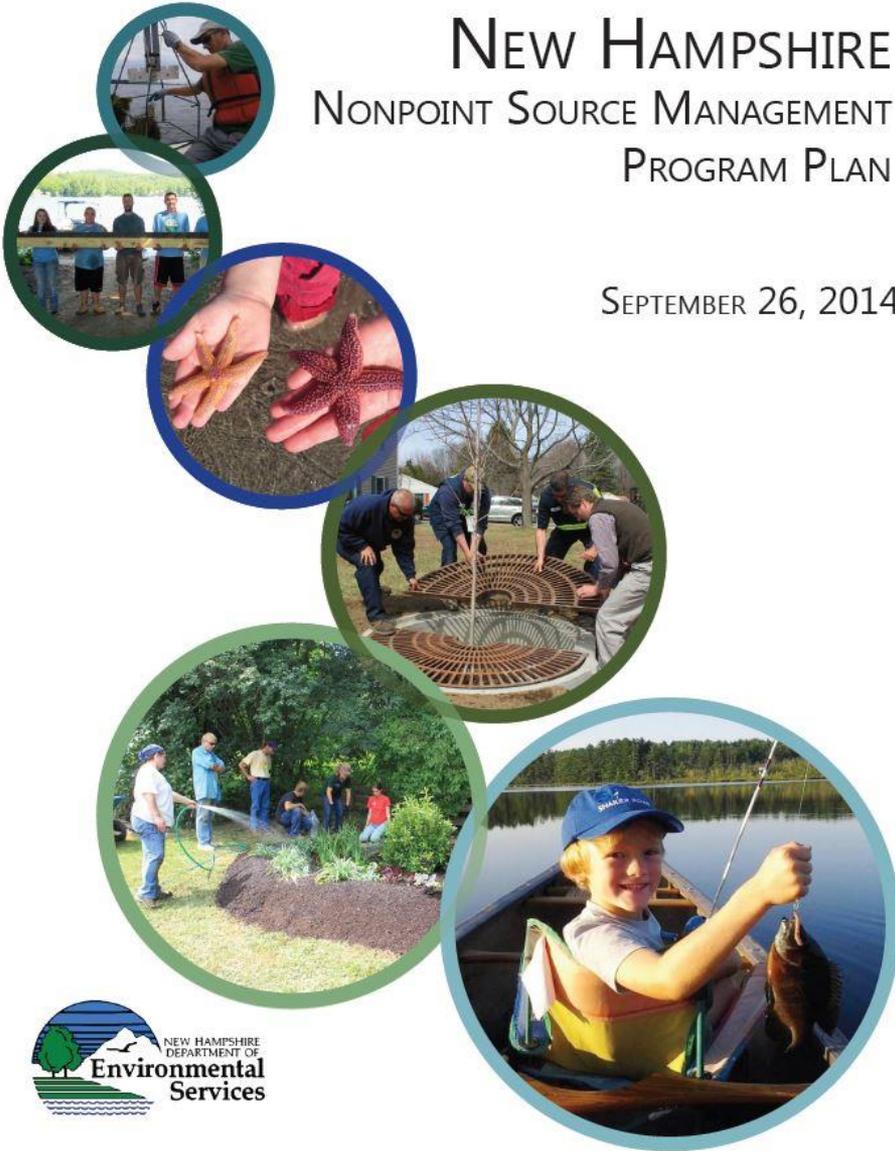
NHDES Watershed Assistance Section and Watershed Assistance Grants Section 319 and 604(b)



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NEW HAMPSHIRE NONPOINT SOURCE MANAGEMENT PROGRAM PLAN

SEPTEMBER 26, 2014



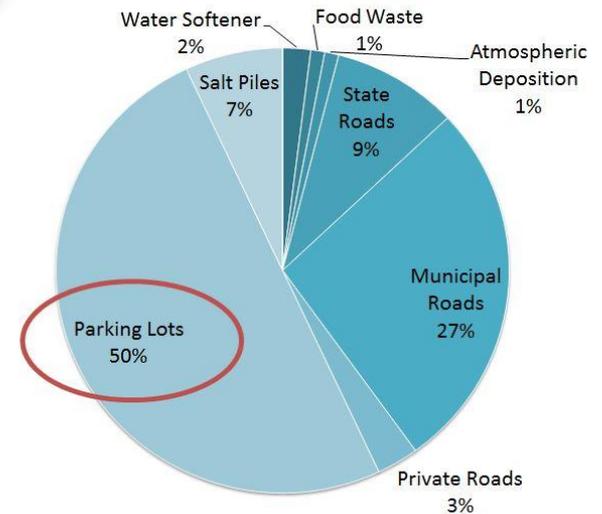
- Created as result of the provisions to Section 319 of the U.S. EPA Clean Water Act
- Nonpoint Source Pollution (NPS) contributes to over 90% of water pollution problems in NH.
- Major Sources of NPS pollutants:
 - Developed lands
 - Septic systems
 - Landscape and turf management
 - Road maintenance activities
 - Habitat and hydrologic modification
 - agriculture



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Source Characterization



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Grants/Loans

- [2016 State Revolving Loan Fund \(SRF\) Pre-proposals RFP for Stormwater and NPS](#)
- [Grant Related Resources for Grantees and Applicants](#)
- [Quality Assurance Project Plans](#)
- [Related Grants](#)
- [Watershed Assistance Grant Projects Database](#)
- [Watershed Assistance Grants](#)
- [Watershed-based Plans Examples](#)



[Beach Advisory](#)
[Drinking Water Advisory](#)

2017 Watershed Assistance Grants Request for Pre-proposals

NHDES' Watershed Assistance Section has released the 2017 Watershed Assistance Grants' Pre-proposal RFP to support local initiatives to restore impaired waters or protect high quality waters. Pre-proposals are due Oct 21, 2016.

- [2017 Watershed Assistance Grants Part 1: Information Packet](#) 
- [2017 Watershed Assistance Grants Part 2: Pre-proposal Application Form](#) 

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2017 Watershed Assistance Grants PART 1: INFORMATION PACKAGE



I. Introduction

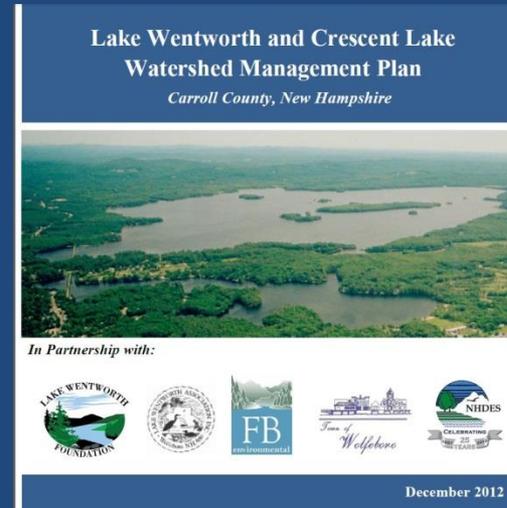
Each year NHDES solicits projects to address nonpoint source (NPS) pollution through the development and implementation of watershed-based plans in priority watersheds. Projects must comprehensively address NPS problems on a watershed basis, and must have a quantitative way to assess progress and determine success. The watershed-based plan must have a clear water quality goal. Funded projects must make reasonable progress toward achieving the water quality goal.

A Pre-Application Consultation is REQUIRED

Call or e-mail us to discuss your Pre-proposal by **October 7, 2016**.
The Pre-proposal submittal deadline is 4:00pm on **October 21, 2016**.

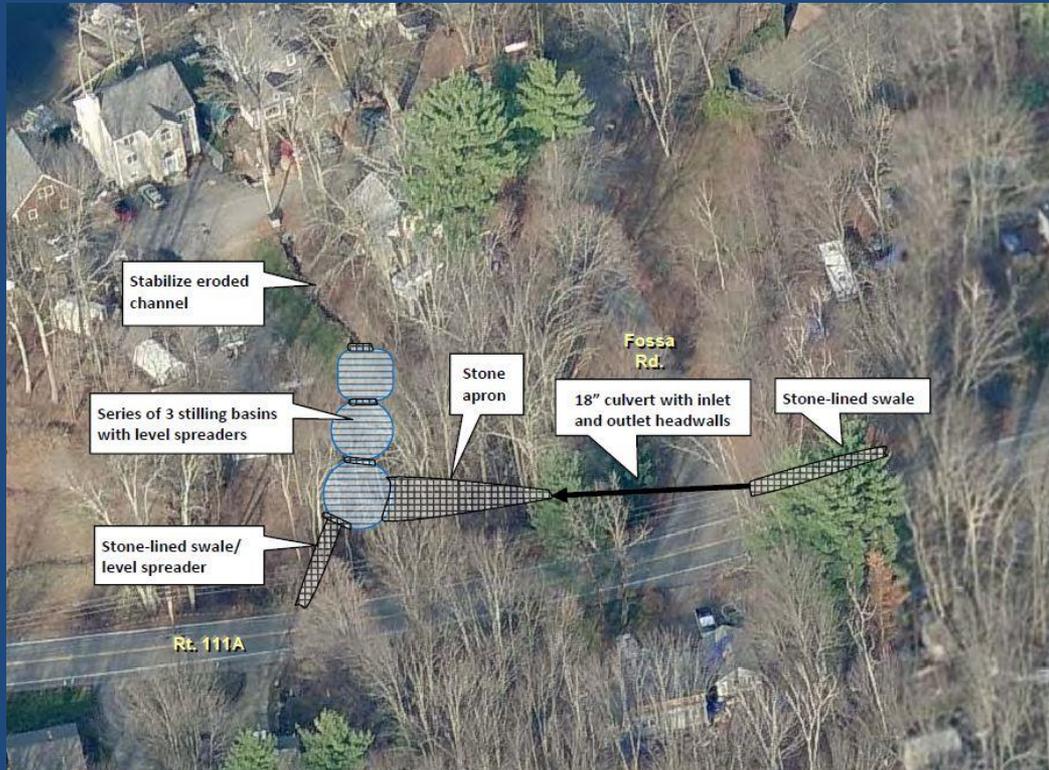
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- **Develop** watershed-based plans (a-i)
- **Implement** watershed-based plans (a-i)
- **Develop and Implement** alternate watershed-based plans (approved by U.S.EPA)



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• Cobbetts Pond Watershed Restoration Plan, Windham



Cobbetts Pond Watershed Restoration Plan
FINAL DRAFT: July 6, 2010

SITE 15: Fossa Road / Range Road (Rt. 111A)

Site Summary:

Just south of the intersection of Range Road and Fossa Road, an intermittent stream channel (photos 15-1 and 15-2) has become unstable and eroded due to high volume and velocity flows during large storm events. Significant sediment deposition has occurred at the outfall of this stream, which is located at 5 Lakeshore Road. The drainage for this stream includes a portion of Range Road to the east of Fossa Road (photo 15-3).

Proposed Improvement:

- Just east of the intersection of Range Road and Fossa Road, construct an approximately 90-foot long, 6-foot wide stone-lined swale to collect road runoff.
- Convey runoff from the swale described above to an 18" culvert under Fossa Road and discharge west of the road to a stone apron. Construct a cement headwall for the culvert inlet and outlet.
- At the outlet of the existing channel to the north of Range Road, install an approximately 65-foot long, 6-foot wide stone-lined swale, which discharges via a stone level spreader.
- From the swale/level spreader described above, re-construct the upgradient portion of the channel (approximately 160 linear feet) into a series of three stilling basins with level spreaders.
- Re-grade and stabilize the final 100 linear feet of eroded channel (downstream reach to existing culvert headwall, photo 15-2) with stone, geotextile, and plantings.

Estimated Cost: \$37,500 - \$45,900

Estimated Pollutant Load Reduction:

6.08 - 7.43 lbs P/yr



Photo 15-1



Photo 15-2



Photo 15-3

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- Section 319 Watershed Assistance Grants can be awarded to MS4 Communities and organizations within the MS4 to develop and implement watershed-based plans in New Hampshire
- There can be *NO* overlap or conflict with Phase II Permit requirements.
- Most implementation actions found in a-i watershed-based plans *go above and beyond* Phase II Permit requirements and stormwater management plans



A large concrete pipe is shown discharging a stream of clear water into a rocky streambed. The background features a sandy beach, a body of water, and a blue sky with scattered white clouds. The pipe is the central focus, with water flowing from its bottom edge.

Thank You !

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