

Potential Municipal Uses of the Neshanic River Watershed Restoration Plan

Dan Van Abs, Ph.D.
Director of WPU of New Jersey Water Supply Authority

1. Identifying ways to restore water quality and stream health in the Neshanic, to the benefit of stream ecosystems, neighboring properties and water users (recreational, Neshanic withdrawals, downstream withdrawals). The Plan establishes eligibility for implementation grants from NJDEP and attracts funding from other sources.
2. Identifying ways to restore and maintain stream flow in the Neshanic during dry periods. Beneficiaries are the same as for water quality improvements.
3. Developing concepts for improved municipal stormwater management plans and ordinances, so that any future site development is regulated in a manner more specifically appropriate to the watershed.
4. Understanding the stormwater infrastructure of your township, including information that will help with maintenance, fulfilling NJDEP stormwater permits, etc.
5. Identifying stormwater mitigation projects that can be included in your municipal stormwater management plan, for use where a site development cannot meet on-site the requirements of the municipal stormwater ordinance.
6. Identifying stream erosion problems that are damaging municipal roads, bridges and public lands (and also private lands) and developing methods to reduce these problems.
7. Identifying ways to reduce the effects of stormwater flows on Neshanic streams.
8. Identifying areas of concern for attention when modifying, maintaining or replacing roads and bridges. Link transportation projects with stream restoration projects.
9. Identifying priority sites for land preservation, riparian area protection, creation of vegetated stream buffers, etc.
10. Identifying priority areas for using cost-share resources to implement agricultural BMPs, to the benefit of farmers and the stream system.
11. Helping residents, farmers and landowners understand the Neshanic River watershed as a whole, beyond their own neighborhood.