



Ecosystem Restoration

in the
Millstone River Basin

An Opportunity to Enhance the Environment in Your Community!

The U.S. Army Corps of Engineers (Corps), New York District, and the New Jersey Department of Environmental Protection (NJDEP) have partnered to study ecosystem restoration opportunities with the Millstone River Basin.

What is an ecosystem? An ecosystem is a major interacting system that involves both living organisms and their physical environment.

What is ecosystem restoration? Ecosystem restoration is the return of natural areas or ecosystems to a close approximation of their conditions prior to disturbance, or to less degraded, more natural conditions. The goal is to partially or fully reestablish the physical, chemical and biological attributes of a naturalistic and functioning system. Restoration projects are focused on the improvement of degraded aquatic ecosystem function and structure. Ecosystem restoration project types include, but are not limited to:

- Wetland restoration.
- Riparian (river) corridor and floodplain habitat restoration.
- Fisheries habitat protection and restoration.
- Lake management.
- Urban runoff management with direct aquatic habitat benefits.
- Upland habitat restoration in association with water resources.

Ecosystem restoration opportunities, under feasibility study, include the potential development of lake management plans for Carnegie Lake and Mountain Lake in Princeton, New Jersey, the potential habitat restoration of a sand mine at the headwaters of the Millstone River in Millstone Township and a Manville Ecological Enhancement in Association with a Flood Damage Reduction Project.

Here is your chance to propose environmental projects that you have had in mind! It is not too late for the study to consider your community's environmental restoration proposals. Are there any environmental features associated with aquatic resources within your community that have been degraded and could be rehabilitated to a more natural condition? Do you see opportunities for habitat restoration in your town? Is your community looking for funding to implement recommendations of a local master plan or stormwater management plan that would provide direct benefits to water quality and aquatic habitat?

Please share your environmental restoration ideas, preferably by December 14th 2002, with **Ms. Megan Grubb, Project Biologist, via mail at USACE, Planning Division, Room 2146, 26 Federal Plaza, New York, New York, 10278-0090, via phone at (212) 264-5759 or via email at megan.b.grubb@usace.army.mil, with attention to the Millstone Project.**