

Project Title: Graceland dam removal and bank restoration

Project Location tributary to Neshannock Creek, near New Castle, PA, Lawrence Co.

Latitude 41.022454

Longitude -80.323764

Dam removed Graceland dam, DEP No. 37-026

Date of removal September 2006

Linear feet restored 1690 feet of riparian habitat, 845 feet of instream habitat

Stream miles opened 2.6 miles

Species to benefit coldwater species

Project Costs:

Growing Greener contribution \$25,000 toward design/engineering/implementation

Federal contribution \$0

State contribution \$5,000 PA Fish & Boat Commission

Private contribution \$0

Project Overview:

This dam was originally 17 feet tall when constructed, but had been severely damaged in several high water events and stood at roughly 4 feet at the outset of this project. The dam was exacerbating upstream flooding and was causing degradation and erosion of the streambanks through the impounded reach and immediately below the dam. The owner of the dam, Graceland Cemetery and Garden Chapel Mausoleum, provided information gathered by biologists from the Western Pennsylvania Conservancy, who performed an assessment of the riparian property in 2001 as part of the Lawrence County Natural Heritage Inventory. The dam was removed in September of 2006 and the site was planted with native plants in late October/early November of 2006. The project site will enter its first growing season in spring 2007.



Photo 1. Graceland dam (37-026) prior to removal, summer 2006.



Photo 2. Graceland dam (37-026) impoundment area prior to removal, summer 2006.



Photo 3. Graceland dam site immediately after removal. September 2006.



Photo 4. Graceland dam impoundment immediately after removal. September 2006.



Photo 5. Graceland dam site one month after removal. October 2006.



Photo 6. Graceland dam impoundment one month after removal. October 2006.



261 Cemetery Lane
New Castle, Pennsylvania 16105

724.652.7102
Fax 724.657.1140

David P. Kristine
Environmental Services Division
Benner Spring Fish Res. Sta.
1735 Shiloh Road
State College, Pa. 16801-8495

May 9, 2005

Dear David;

Enclosed please find the Inventory that was taken by the Western Pennsylvania Conservancy, that I told you about on May 6, 2005 when you were here at Graceland Cemetery. I hope that perhaps it may help in some way to get some monies to assist with the damn removal project.

Please let me know if there is anything that I can do to help with this project in anyway.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gale R. Siddall".

Gale R. Siddall, Mgr.