



West Milton Dam Removal and Stillwater River Restoration West Milton, OH October, 2014 - Spring, 2015

The West Milton dam was constructed in 1910 to generate electricity for the trolley that went from Dayton to West Milton, Ohio and was also used as a municipal water supply. After 100 years the concrete had deteriorated, and the dam had been deemed unsafe. The Village of West Milton had to either repair the dam or remove it. With the dam also acting as a fish and mussel migration barrier and a potential hazard to boaters, the Village of West Milton decided to remove the dam and restore the Stillwater River.

The EcoGro/Ridgewater team was hired to carry out the removal of the 300+ ft. wide dam and perform the subsequent Stillwater River Restoration. The restoration included the enhancement of two riffles, each approximately 225 feet long. Fish and mussel habitats were further enhanced with wood debris and river rock installed along approximately 750 linear feet of river bank on the outside bends.



Endangered species (Snuffbox mussel) relocated by Stantec and USFWS Biologists along with Ohio River Foundation and community volunteers prior to construction.

Project Partners: Village of West Milton, Ohio River Foundation, Cincinnati MSD, Ohio EPA, USFWS, Ridgewater, LLC, Stantec

Project Reference: contact EcoGro

Funding Source: Cincinnati MSD through the Ohio Water Development Authority

Key Features:

- Dam Removal
- River Restoration
- Endangered Mussel Relocation
- Fish Migration Restored



Deteriorating dam before removal.



Excavators removing 300' wide dam.



Large boulders and rock structures were placed in river for habitat.



Woody debris and rock installed for aquatic habitat and bank protection.

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