

# Whitesburg Dam Removal

Project Sheet



*Oxbow River and Stream is recognized as a leader in the field of stream restoration and watershed management.*

*Oxbow specializes in:*

- Natural channel design
- Bio-engineering
- Stream management

*For more information on this project or to learn more about Oxbow River and Stream, you may use the following:*

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*Our mission:  
to restore the  
physical and  
biological  
functions of  
streams.*

## Project Specifications

**Client:** Village of Chagrin Falls  
**Location:** Whitesburg Nature Preserve  
**Watershed:** Chagrin River  
**Restored Channel Length:** 300 l.f.  
**Drainage Area:**

### Specialized Services:

Dam Removal  
Step type riffle grade controls

## Project Summary

Whitesburg Dam had breached and was declared a hazard. Emergency repairs were performed to slow the downcutting of the river channel into 12 feet of lake bed sediments resulting in an extremely incised channel. Project goals were to construct a series of grade controls that would raise and stabilize the channel invert up 12 feet allowing the lake bed sediments to be used as the floodplain. A step type riffle grade control structure was constructed.



Dam size and type:  
Earthen berm with 15 foot tall by 40 foot wide stone and concrete spillway.

