

# Spring Creek, Centre County

Stream Habitat Improvement and Riparian Buffer  
Enhancement Project

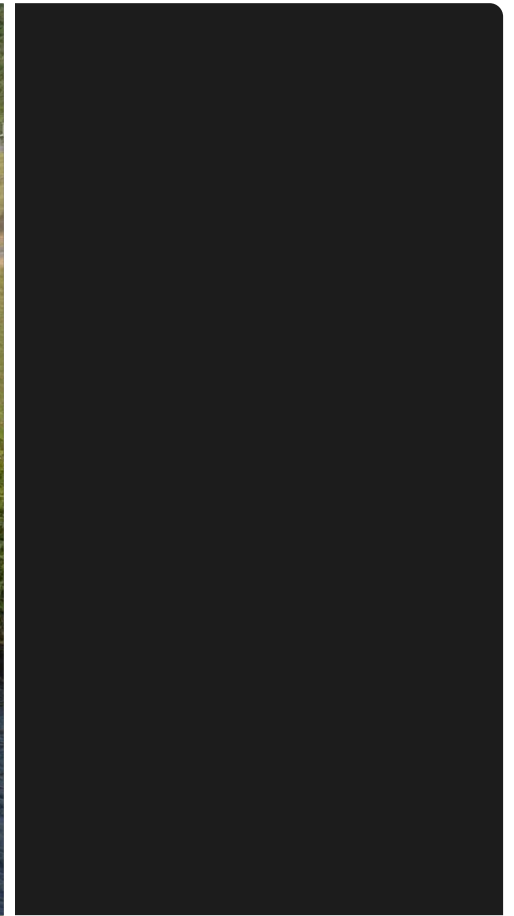
## Pre Project Site Conditions



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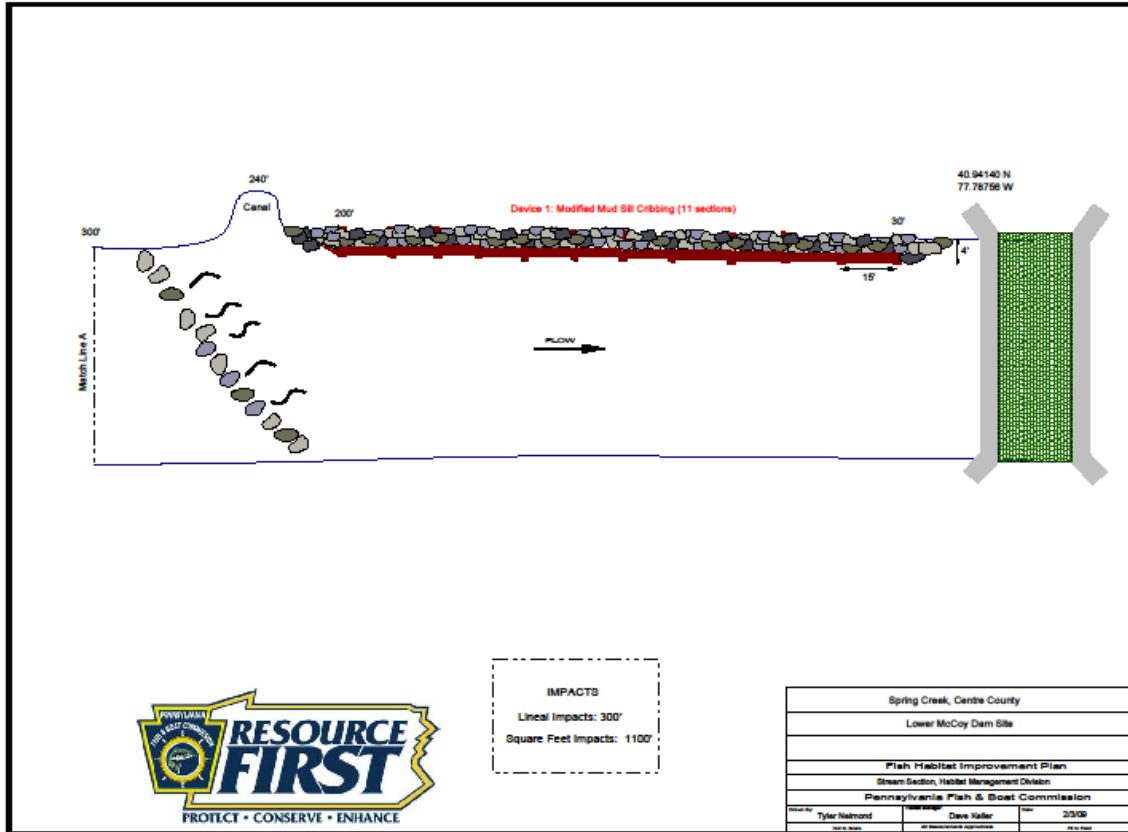


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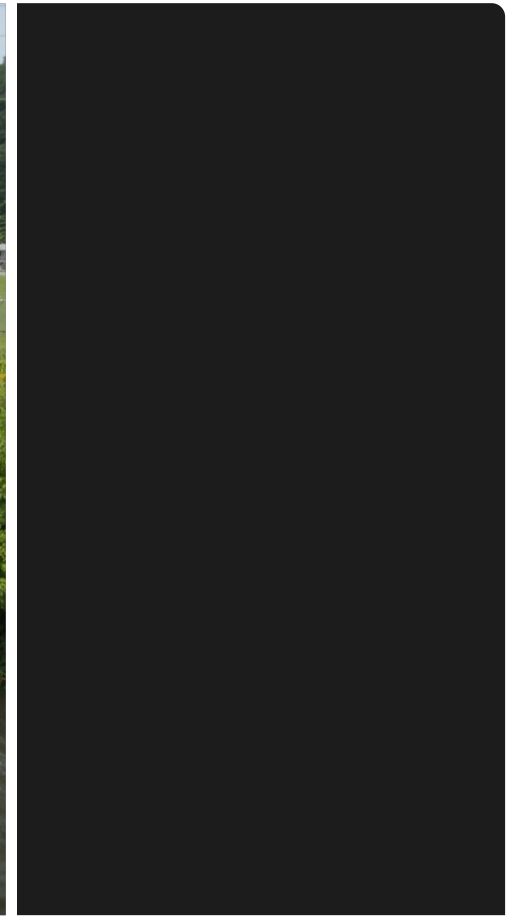
# Design Plans for the Modified Mud Sill Cribbing.





Note the exposed logs on the face of the Habitat Improvement Structure that are providing the much needed overhead cover to this reach of stream.

## Post Project & Post Riparian Buffer Planting



## Post Project & 1 Year Post Riparian Buffer Planting

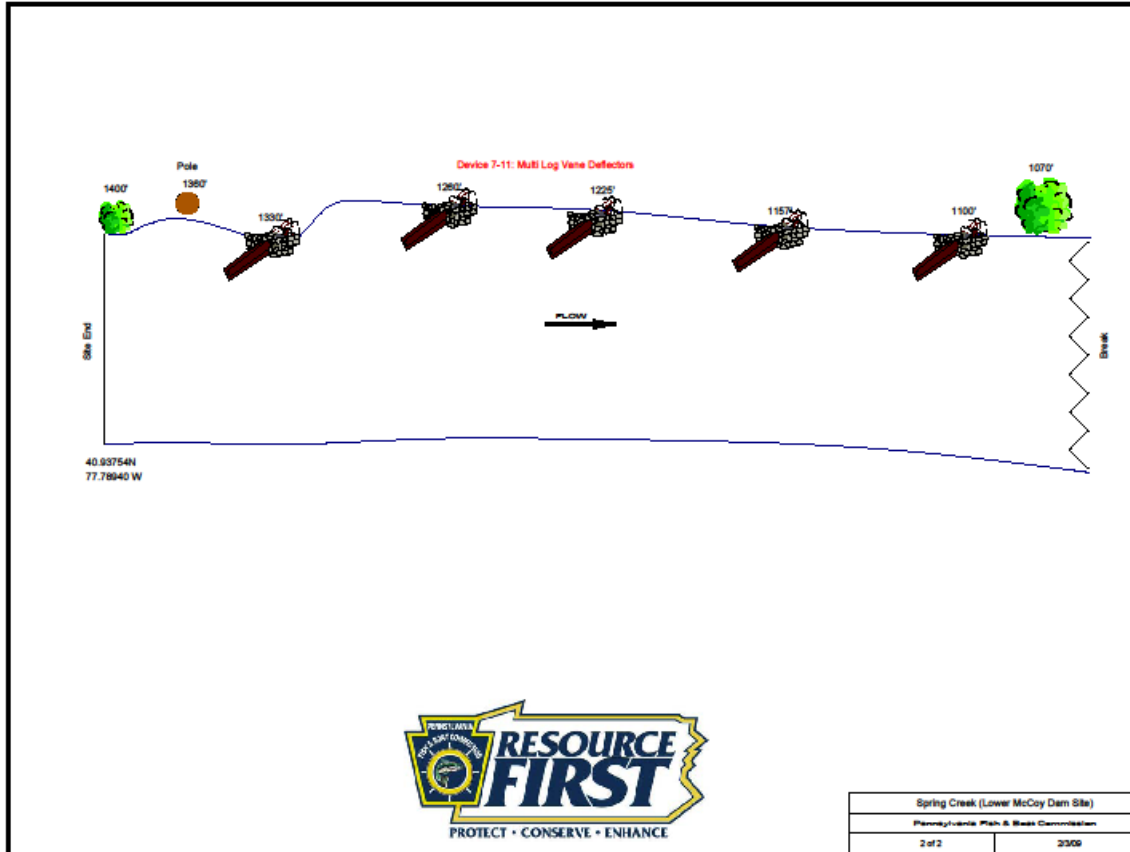
Date & Time: Mon Apr 15 10:58:53 EDT 2013  
Position: +040.9375° / -077.7893°  
Altitude: 735ft  
Azimuth/Bearing: 011° N11E 0196mils (True)  
Elevation Angle: -04.5°  
Horizon Angle: +01.0°  
Zoom: 1X



Note the vertical eroded bank and lack of riparian vegetation.

## Pre Project Site Conditions

Design Plans for the series of Multi-Log Vane Deflectors.

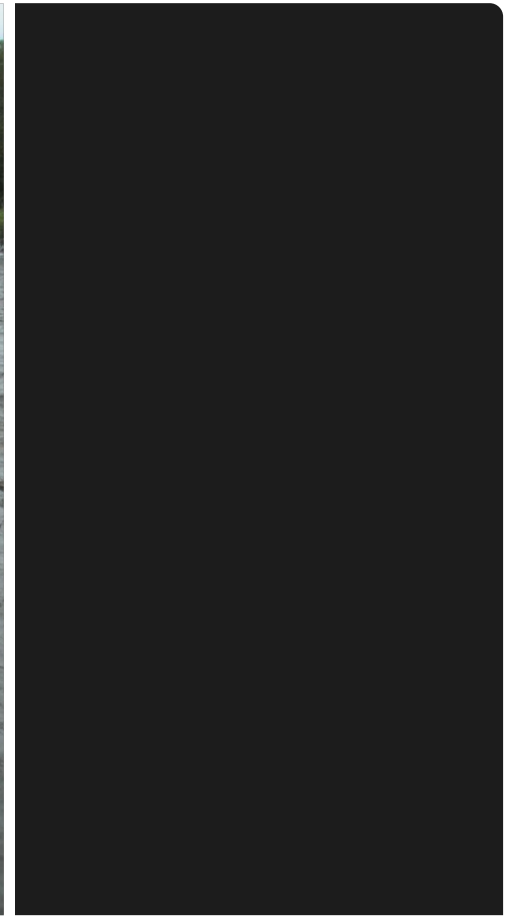






Note the exposed logs of the Habitat Improvement Structures that are directing the current away from the bank and providing great pocket water habitat in this reach of stream.

## Post Project & Post Riparian Buffer Planting



Post Project & 1 Year Post Riparian  
Buffer Planting

# Project Partners

- Spring Creek Chapter of Trout Unlimited
- PA Fish and Boat Commission
- National Fish and Wildlife Foundation
- Milesburg Borough
- First Energy