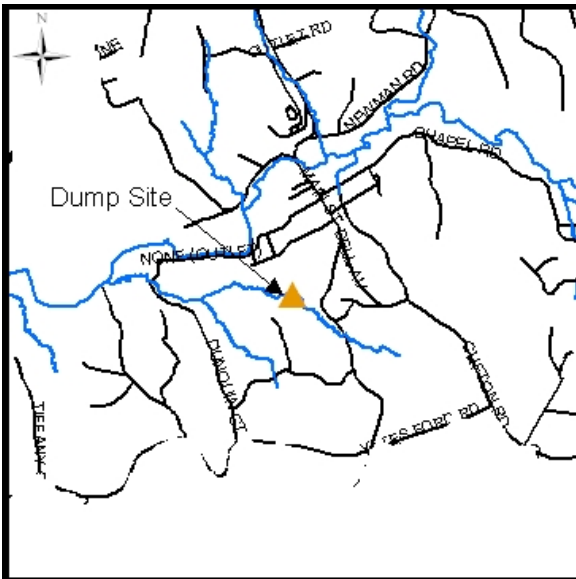


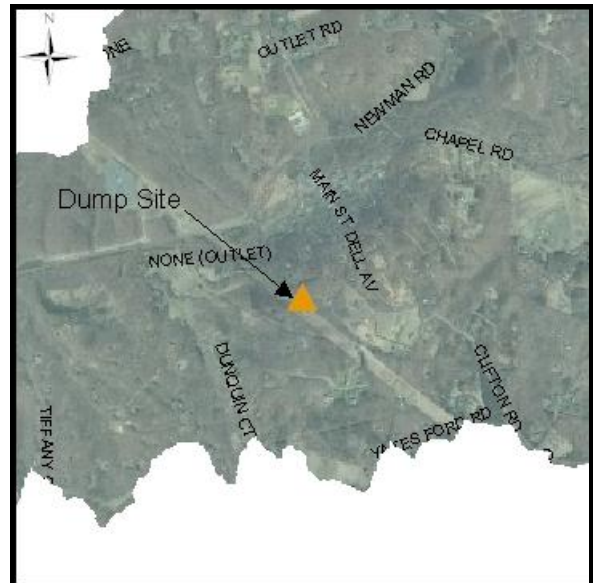
Appendix K: Obstruction Removal Projects

Kincheloe Road Debris Removal

Project Location: Kincheloe Road
Project Type: Debris Removal
Project ID: PH9900 (LP-7)
Stream Name: Unnamed Tributary to Popes Head Creek Tributary No. 5



Vicinity Map.



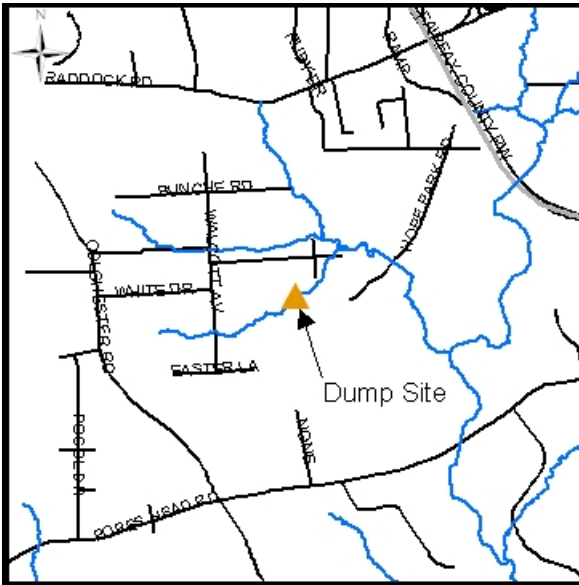
Site Overview.



Action: Removal of 55-Gallon Drums, tires, and trash
Benefit: Removal of unsightly debris and potentially leaking oil drums
Estimated Cost: \$4,000

Hope Park Road Debris Removal

Project Location: Hope Park Road.
Project Type: Debris Removal.
Project ID: PH9960 (PB-MN-1)
Stream Name: Unnamed Tributary to Piney Branch.



Vicinity Map.



Site Overview.



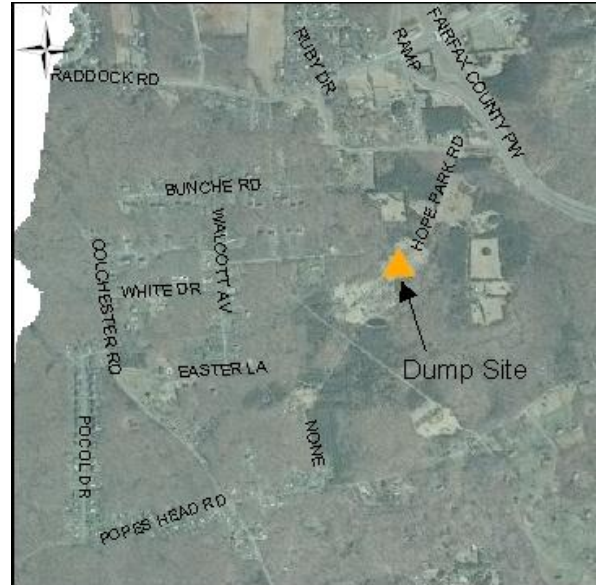
Action: Remove debris
Benefit: Reduce safety risk and eliminate pollutant source
Estimated Cost: \$3,000

Hope Park Road #2 Debris Removal

Project Location: Hope Park Road
Project Type: Debris Removal
Project ID: PH9961 (PB-MN-3)
Stream Name: Unnamed Tributary to Piney Branch.



Vicinity Map.



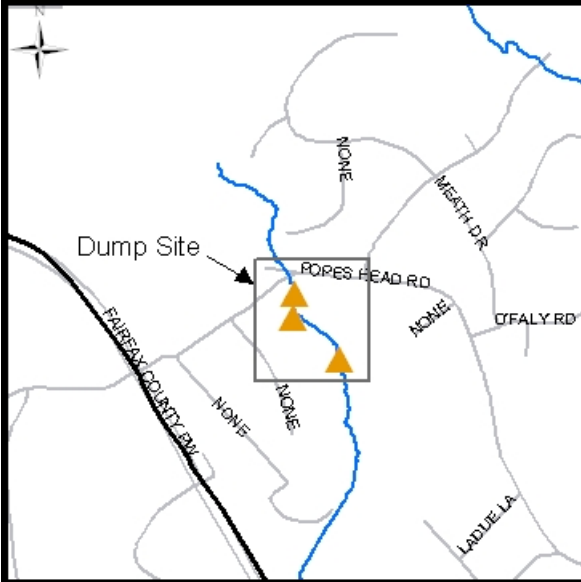
Site Overview.



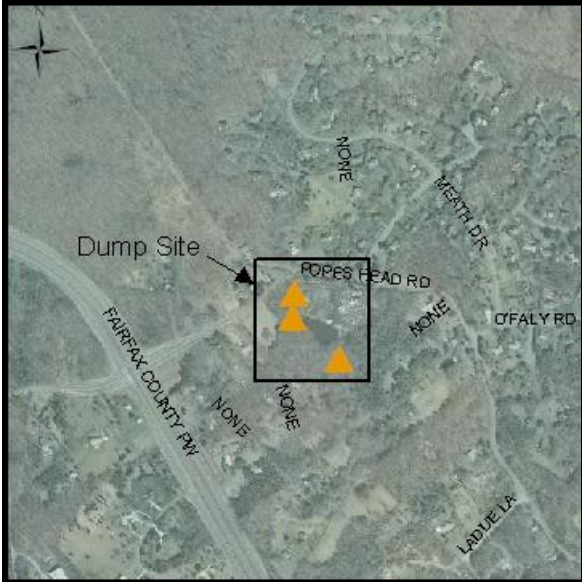
Action: Remove debris from site, restore stream and riparian planting
Benefit: Reduce safety risk and eliminate pollutant source
Estimated Cost: \$1,400,000

Popes Head Road Dump Clean Up

Project: Popes Head Road
 Project Type: Removal of debris which includes furniture, pallets, pulleys, and lawn waste
 Project ID: PH9962 (PH2-MN-1)
 Stream Name: Popes Head Creek Tributary No. 2



Vicinity Map.



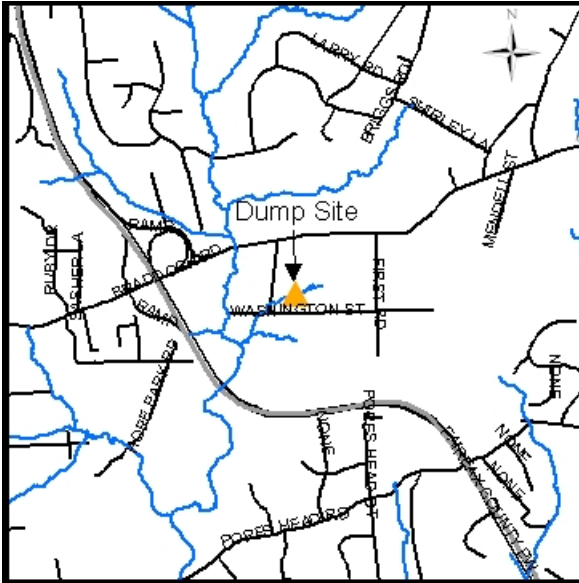
Site Overview.



Action: Remove debris from site
 Benefit: Reduce safety risk and eliminate pollutant source
 Estimated Cost: \$5,000

Washington Street Automobile/Debris Removal

Project Location: Washington Street
Project Type: Automobile/Debris Removal
Project ID: PH9970 (PB-MN-2)
Stream Name: Unnamed Tributary to Piney Branch



Vicinity Map.



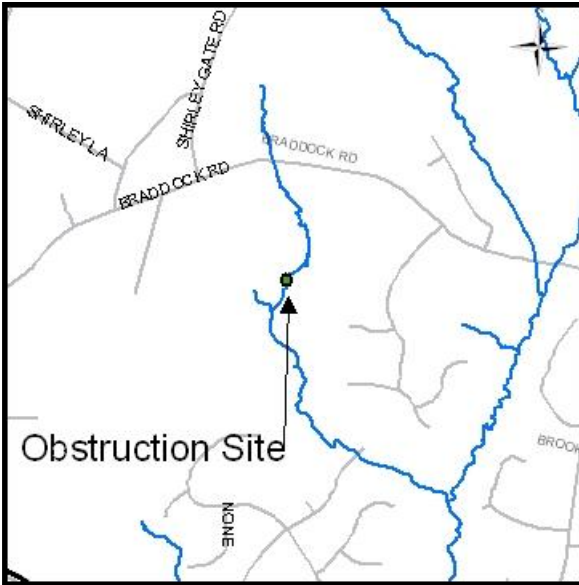
Site Overview.



Action: Remove automobiles and other debris
Benefit: Reduce safety risk and eliminate pollutant source
Estimated Cost: \$5,000

Bentonbrook Obstruction Removal

Structure Location: West of Bentonbrook
 Stream Name: Unnamed tributary to Popes Head
 Project ID: PH9973 (UP-MN-1)
 Type of Structure: Homemade dam and collapsed bridge



Vicinity Map.



Site Overview.



Homemade dam looking upstream



Collapsed footbridge looking upstream

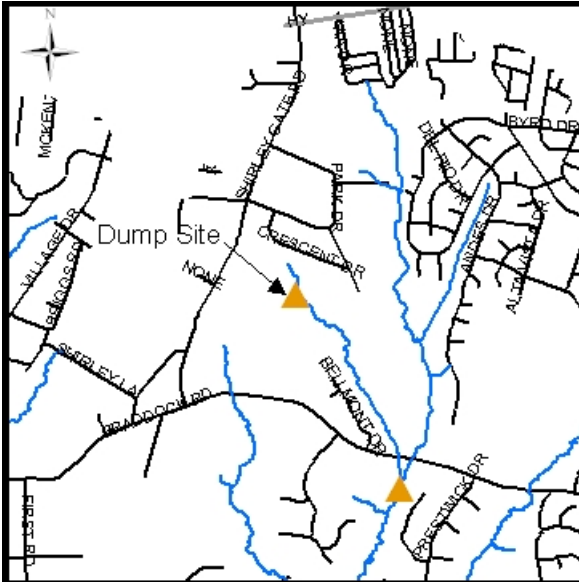
Existing Conditions: Appears to be homemade dam has caused the stream to back up water and an 18" jump between channel inverts has been formed. Fish in the 1"-6" range were seen in the stream downstream of the dam. Wooden footbridge has collapsed and is causing an obstruction in flow across stream.

Proposed Actions: Remove dam and footbridge and return stream to natural slope for fish to be able to swim upstream.

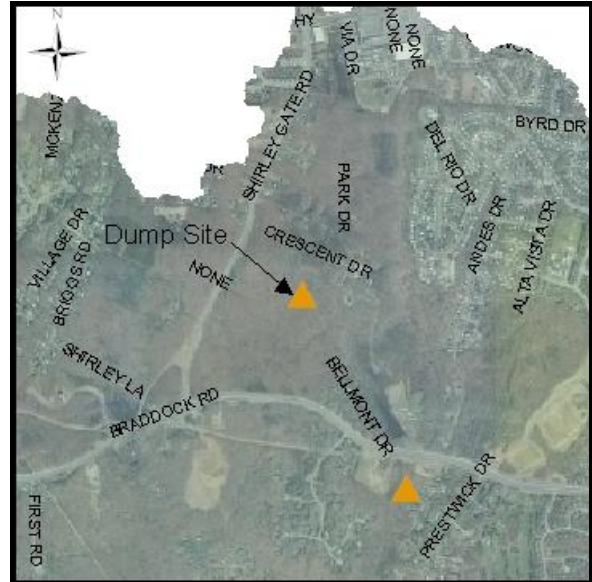
Cost: \$6,000

Crescent Drive Automobile Removal

Project Location: Crescent Drive
Project Type: Automobile Removal
Project ID: PH9981 (UP-MN-3)
Stream Name: Unnamed Tributary to Popes Head Creek



Vicinity Map.



Site Overview.



Action: Remove automobile and other debris
Benefit: Reduce safety risk and eliminate pollutant source
Estimated Cost: \$5,000