

UMD 503 – Post-Construction Storm Water Management BMP

Title: **Shoreline Protection**

Addresses Minimum Measures: III Illicit Discharge Detection and Elimination
V Post-Construction Storm Water Management

Target Audience: University Employees
Contractors
Engineers and Architects

Description: Develop setback requirements, shade trout streams and protect against erosion.

Measurable Goals:

1. Design for shoreline protection at Glensheen
2. Construct shoreline protection at Glensheen
3. Develop construction and development stream bank setback policies
4. Review the West Branch of Tischer Creek for erosion and shade problems
5. Recommendations for WBTC
6. Review Oregon Creek (lower Campus) for erosion problems
7. Recommendations for Oregon Creek

Timeline:

- May 2003
- December 2003
- December 2004
- October 2006
- January 2007
- October 2007
- January 2008

Specific Components:

- Glensheen received a grant for shoreline protection activities for 2003. They are working with South St. Louis County Soil and Water Conservation to design and build shoreline protection at Glensheen. Timeline is estimated, actual timeline controlled by SSLCSWC.
- The MNDNR has asked that we review the West Branch of Tischer Creek for ways to cool the water. Shading of the creek will be looked at as a possible solution.
- In the early 1900's Oregon Creek was confined to a rock walled channel along some of the lower campus property. This area needs to be investigated for the stability of the walls.
- Document investigation findings, recommendations, and design options.

Educational Components:

- None

NOTE: Ability to construct as scheduled is dependent on State of Minnesota Legislative funding. If state funding is not available, other potential funding sources will be reviewed.

Responsible Party: UMD Storm Water Steering Committee
Contact: UMD Facilities Management (218) 726-8262