



# LAKE WISCONSIN - Slope Stabilization

**Year Constructed**  
2014-2016

**Project Size**  
120' x 50'

**Client**  
Private Homeowner

**Reinforcement**  
Geogrid & Earth Anchors

**Vegetation**  
Plant Plugs & Hydroseed

**Engineer**  
Robert Race, P.E.  
Envirolok Consulting Engineer

## + Project Snapshot

A homeowner on Lake Wisconsin had a failing timber retaining wall that needed to be replaced. Upon reviewing the project and coordinating with regulatory agencies, options were limited. Replacing the current wood timbers with concrete was not allowed. Envirolok was chosen to stabilize this slope as it meets the required needs of the regulatory agencies. During construction, the timber retaining walls were removed in sections and replaced with the Envirolok Unit. Due to the steepness of the slope, geogrid and earth anchors were used to strengthen and stabilize the slope. Due to the large scale of this project, it was completed over multiple years in various stages. Native plant plugs and hydroseeding were used to vegetate the walls. The Envirolok system met all the requirements for this project and exceeded expectations. Due to the flexibility and easy installation, this large-scale project with multiple terraces and steep slopes will be stabilized for many years to come.

