

## LAKWOOD COUNTRY CLUB - Creekbank Restoration

**Year Constructed:** 2016

**Project Size**

150' x 12-15'

**Client**

Lakewood Country Club

**Reinforcement**

Geogrid

**Vegetation**

Hydroseed

**Engineer**

Robert Race, P.E.  
Envirolok Consulting Engineer

**Contractor**

Naranjo Civil Constructors

### + Project Snapshot

An existing timber retaining wall along Lakewood Gulch was beginning to decay and the banks of this waterway were in jeopardy. There was a need to stabilize the soil along the bank and prevent the erosive forces from the stream below. Envirolok was chosen to replace the existing wall and create a natural corridor that would be able to withstand flooding events. The failing wall was removed, and the banks were regraded to a 1:1 slope. Existing boulders were reused at the toe of the slope to prevent future scouring. By installing the Envirolok system, they were able to create a new cart path along the top of the slope. Geogrid was used between every third course to reinforce the slope and give it added shear strength and stability. Once the system was in place, a hydroseed mix of native flowers and grasses was chosen to vegetate the system. Two years after installation, the project is solid, with no signs of damage from the waterway, local wildlife, or golfers. The Envirolok system provided the means for the client to accomplish all of their goals for this project.

