

## WEST FORK KENNEY RUN - Stormwater Channel Repair

**Year Constructed**  
2016

**Project Size**  
2300 Units, 300' x 40'

**Client**  
Urban Drainage &  
Flood Control

**Reinforcement**  
Mattress Style

**Vegetation** — Hydroseed

**Engineer**  
Icon Engineering

**Contractor**  
Naranjo Civil Constructors

### + Project Snapshot

After years of large storm events and continuous sedimentation, the existing drainage channel in Golden, Colorado, lost its aesthetic appeal and was no longer functioning to move water and reduce flooding. Through collaboration with Envirolok West, the Urban Drainage and Flood Control District of Colorado, they developed a solution that would handle the storm events, limit sedimentation, and create a new focal feature for the residential neighborhood. Construction began on the project in the spring of 2016. Envirolok was applied as a mattress application to create a naturalized stream corridor by lining the meandering channel bottom with the Envirolok system. The remaining corridor was further reinforced with a mattress application of bags and spikes to provide the strength and capacity to withstand large storm events. Once in place, the project was hydroseeded using a mix of native sedges, forbs, and grasses. Since the installation, the project has held strong, providing a successful green infrastructure solution that is sustainable and aesthetic.

