



## COIR Fabric Revetment Demonstration Project near James Madison Park, 3600 S. Jordan River

*Project by*  
Salt Lake County Engineering Division

*Funded by:*  
Salt Lake County  
in cooperation with Region VIII EPA and  
Salt Lake County Economic Development

*Total Cost:* \$40,000  
*Completed* 1998

The existing 12-foot-high eroding vertical wall on the outside bank of the riverbend, approximately 450 linear feet long, was re-graded to a 3:1 slope (lower left). Toe protection of compacted 2'X5' rock toe and willow cuttings were installed. A total of eight terraces of COIR fabric (bio-degradable textile of coconut shell fibers) were installed (lower right photo shows six in place). The first layer was held in place by stakes and plywood forms, ground-stapled in place and backfilled with soil with a track hoe. After backfill compaction, the terrace was seeded and fabric is pulled back over the revetment and secured with ground staples in preparation for the next terrace. A final seeding and mulching completed the project. The bottom photo shows the site in early May 2004. The revetment is well vegetated with a stable shoreline.

