

# GENESIS CONSULTING GROUP e-Report



*Failed Sediment & Erosion Control Structure Draining into Crane Creek*

## GENESIS ASSISTS RICHLAND COUNTY WITH LAKE ELIZABETH PHASE II AND III PROJECTS

Genesis Consulting Group is continuing work on two stream corridor stabilization/improvement projects within the Crane Creek and Cumbess Creek watersheds of Richland County, SC. These projects are being performed in an effort to improve water quality upstream of Lake Elizabeth and are part of the implementation of the County's "Lake Elizabeth Concept Study."

Genesis is identifying through field assessment the various "hotspots" (erosion or scoured areas) along approximately 5 miles of the two stream corridors and developing customized engineering solutions to repair those areas. To aid in locating site-specific "hotspots" for possible remediation, Genesis developed a Local Site Assessment Form based on elements from the Integrated Streambank Protection Guidelines of the Washington State Aquatic Habitat Guidelines Program and the NRCS Stream Visual Assessment Protocol, which are part of a larger set of protocols for rehabilitating small watersheds.

"These are crucial projects for the County to help mitigate the negative impact of run-off from various area developments," said Carroll Barker, a principal of the firm and director of water resources services. "We are extremely pleased to be involved in restoring these environmentally sensitive areas."

Genesis recently completed the field assessment and engineering recommendations (with preliminary cost estimates) for Phase II. The general recommendations included water quality retrofits for outfalls, removal of some woody debris in the channels, sediment removal in the channels, and an increase in ongoing inspection activities. Phase III activities are currently ramping up.



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### *News in Brief. . .*

#### **Genesis Water Line Project for Walterboro Completed**

Construction was recently completed on approximately 10,500 LF of new 12-inch water trunk line designed by Genesis for the City of Walterboro, SC. The completed water line will promote continued commercial growth along Highway 63 on the east side of I-95 and new residential/commercial growth along Cane Branch Road on the west side of I-95. One major challenge consisted of overseeing the completion of multiple jack and bores, including one under I-95.

#### **Genesis Senior Project Manager Receives LEED® Certification**

In October of 2008, Mr. Kevin R. Krick, P.E., of Genesis Consulting Group completed the requirements for Leadership in Energy and Environmental Design (LEED®) certification administered through the Green Building Certification Institute (GBCI). To become a LEED® Accredited Professional, Mr. Krick demonstrated a thorough understanding of green building practices/principles and familiarity with LEED® requirements, resources, and processes.