CASE STUDY

MACKINTOSH SPILLWAY
GREENSBORO, NORTH CAROLINA

SPILLWAY PROTECTION

Propex® GEOSOLUTIONS

PROJECT SUMMARY

Mackintosh on the Lake, a home development community in North Carolina, has a large stormwater pond and multiple forebays to handle the community's runoff storage. The emergency spillway allows for excess water to properly drain from the detention pond when the capacity has been exceeded. The spillway was in need of protection in order to control erosion and reduce potential damage to businesses and residences downstream. ARMORMAX® Engineered Earth Armoring Solution™ was chosen because it is a soft armoring solution that is easily installed, improves water quality and is resistant to non-hydraulic stresses such as mower and maintenance equipment. Approximately 400 square yards of ARMORMAX® was installed in the first section and the spillway is performing well.

PROBLEM Emergency spillway needed protection from eroding away when engaged

SOLUTION ARMORMAX® is an easy to install system that provides immediate erosion protection

INSTALLATION 400 square yards of ARMORMAX was installed protecting the spillway

PERFORMANCE The spillway has performed well with no problems

FEATURES & BENEFITS

- Provides permanent erosion protection for up to 75 years
- Outlasts other slope reinforcement methods yielding significant cost savings
- Reinforces vegetation and promotes sustainable aquatic habitats
- Withstands both hydraulic and non-hydraulic stresses
- Promotes infiltration of surface water
- Ease of installation reduces time and labor costs
- Lightweight and easily transported into areas with access challenges
- Available in green or tan to complement the natural surroundings

ARMORMAX® Engineered Earth Armoring System

VISIT OUR WEBSITE FOR MORE INFORMATION, PRODUCT SAMPLES OR OTHER INQUIRIES OR CALL CUSTOMER SERVICE AT 1.800.621.1273

Propex®

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