

OVERVIEW: McKay Lake Emergency Spillway, Westminster, CO

The McKay Lake project encompassed approximately 17,000 square feet of ArmorFlex Class 85L Articulating Concrete Block Mattress System for the construction of an emergency spillway. McKay Lake is one of the many lakes owned by the City of Westminster and this lake serves as the centerpiece of the McKay Lake Open Space Park. This site is open to the public and is used for fishing, bird watching, and walking on the trails throughout the area.

The ArmorFlex Mattress System was installed over a layer of Mirafi Filterweave 300 which was used to retain the sand bedding material. Installation was straightforward and the contractor chose to utilize a 75-ton crane for handling the mats on site. Armortec staff was on site during the spillway work to ensure a smooth and successful project installation for all parties involved.

This project will stand for many years and provide superior emergency spillway protection for the 62-Acre McKay Lake located north of Denver. This successful project was made possible by the cooperation between, The City of Westminster Colorado, GEI Consultants Inc., ZAK Dirt Inc., and Armortec Erosion Control Solutions.



PRODUCT: ArmorFlex Class 85L Articulating Concrete Block Mattress System

AMOUNT: 17,780 sf

DATE: January – February 2005

OWNER: City of Westminster, Colorado
Community Development Dept.
4800 West 92nd Ave.
Westminster, CO 80031

ENGINEER: GEI Consultants, Inc.
6950 S. Potomac Street, Suite 300
Englewood, CO 80112

CONTRACTOR: ZAK Dirt, Inc.
14290 Hilltop Rd.
Longmont, CO 80504

SUBMITTED BY: Clayton Fawcett, Armortec
Northwest Regional Manager

SUBMITTED: September 1, 2005

