



City of Columbus Utilizes Innovative AquaBlok to Seal Goodale Park Fountain Leak

GENERAL INFORMATION

Project Title: Goodale Park Pond Leak Resolution
Property Owner: City of Columbus, Ohio
Engineer: Meredith Brothers, Inc.
Location: Goodale Park at Goodale Ave. and Park St. in Columbus, Ohio
Product Used: AquaBlok 2080 FW
Quantity: 20 CY
Installed By: Righter Construction Co.
Install Date: December 6, 2011
Contact: Rick Miller, Project Manager Columbus, Ohio (614) 645-3385

BACKGROUND

Reason for Product Use:

The City of Columbus Division of Parks and Recreation is responsible for the care and maintenance of the Goodale Park Pond—a prominent feature of the Historic Goodale Park in Columbus, Ohio. Following the 2010 construction of an ornamental fountain in the pond, the water level was unable to be maintained. The city had searched for a potential solution for months before becoming aware of AquaBlok. AquaBlok is a bentonite-coated aggregate similar to the size of peanut M&M that can be applied with earthmoving equipment in a wet or dry environment to seal leaks in ponds, dams or around structures.

Problem Being Addressed:

In this application, AquaBlok was applied in 3"-6" layers throughout a 40' diameter circle around the new fountain to seal the area disturbed by the fountain construction. Other areas disturbed by conduit installations were also treated.

PRODUCT DETAILS

AquaBlok is a patented composite aggregate resembling small stones that are typically comprised of a dense aggregate core wrapped with an additive layer. In this application of the technology, crushed limestone typically serves as the core and powdered sodium-bentonite clay is utilized as the coating or bentonite layer. AquaBlok 2080 FW (PONDSEAL) is a freshwater-compatible formulation which is 20% clay by weight.

INSTALLATION

Duration:

Installation was accomplished within only 4 hours through the use of a slinger truck and a small track-mounted skid steer.

Weather Conditions:

Conditions were cloudy with a slight drizzle after rain for several days.

Temperature:

50 degrees

RESULTS

The City of Columbus was very pleased with the ease of the AquaBlok placement utilizing the slinger truck, and the Righter Company was surprised with the workability of the material. The city looks forward to testing the seal while filling the pond over the next several months.

For Detailed Information & Specifications

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