

PROJECT > Spokane River Restoration

Shotcrete MS - Fiber Reinforced
Spokane, WA



PROJECT DESCRIPTION:

More than 100 years ago, manmade channels were created at the bottom of the Spokane River to divert water from stagnant pools in the city's downtown area to mills using hydropower. While the channels did relieve many of the pools, they also prevented the Spokane River from flowing properly, which left most of the riverbed empty during the hot, dry summer months. Landscape architect Land Expressions LLC was hired by Avista Utilities to restore the Spokane River to its natural flow pattern by filling the channels, also known as

weirs, to neutralize the previous manmade modifications. QUIKRETE® Shotcrete MS – Fiber Reinforced was selected for the job because it could be pumped distances as far as 500 hundred feet from the riverbank, mixed with water at the nozzle and spray applied to build the weirs. In addition, the shotcrete was customized to match the color, texture and shape of the natural basalt riverbed as well as the surrounding geology and landscape. The successful completion of this project returned the Spokane River to an energetic and thriving habitat for local animals and residents.

QUIKRETE® Shotcrete MS – Fiber Reinforced is a single component Micro Silica enhanced repair material that achieves more than 9,000 PSI at 28 days, and features very low rebound and permeability characteristics.

ARCHITECT/GENERAL CONTRACTOR: Land Expressions LLC

CONCRETE CONTRACTOR: Cemrock Concrete & Construction Ltd.

QUIKRETE® PRODUCTS USED:

- 3,000 lb Shotcrete MS - Fiber Reinforced : 75 bags

PROJECT START DATE:

Spring 2011

PROJECT COMPLETION DATE:

Summer 2012



**QUIKRETE® Shotcrete MS -
Fiber Reinforced**
>> Product No. 1228-51

