

# Lake Forest Association Performs First Forebay Cleanout at Eastwood Lake

**NEWS: August 28, 2009**

Jewell Engineering Consultants (JEC) designed a sediment forebay on Booker Creek upstream of Eastwood Lake for the Lake Forest Homeowners Association, which was constructed in 2001. The forebay performed well and in 2009 had intercepted sufficient sediment to warrant cleanout. Note that during forebay design, JEC estimated that cleanout intervals would range from 5 to 10 years. The attached photos show the forebay conditions at various stages. The Homeowners Association coordinated forebay cleanout activities in accordance with the process that was planned and approved when the forebay was permitted in 2001. JEC assisted the cleanout by preparing documentation for a 401/404 Pre-Construction Notification package that was reviewed and approved by State and federal agencies.

**ORIGINAL FOREBAY  
CONSTRUCTION (2001)**



**SEDIMENT EVIDENT  
IN FOREBAY (2008)**



**FOREBAY FOLLOWING SEDIMENT REMOVAL (2009)**

