



Lake Services, Inc. dredged 12,000 cubic yards of sediment from Lake Barcroft in March, 2002. 6,150 cubic yards were put in the Beach 5 sediment drying pit behind Beach 5. 5,050 cubic yards were placed in the Beach 3 sediment drying pit next to Beach 3. Approximately 1,000 cubic yards of re-usable sand and gravel were stacked at the Tripps Run Forebay near the Potterton Causeway. Eventually, WID will screen these dredge spoils to remove sticks, stones and other debris, thus recycling useless dredge spoils into valuable topsoil.

Shallow areas of Lake Barcroft were deepened by the dredging process to depths of six to ten feet including the two underwater sediment traps at the Holmes and Tripps Run stream inputs, the channels around the Beach 5 Peninsula and Lloyd Swift Island and overflow areas below them.

WID's last major dredging was five years ago in 1997. It is anticipated that the next major dredging will be needed about five years from now in 2007. Meantime, *Godzilla II*, WID's new mini-dredge, is being constructed and should be operational this summer. It is designed to excavate smaller quantities of sediment in coves and other tight places in a timely manner. WID budgets \$100,000 a year for dredging which pays for the every-five-year major contract dredgings, more frequent *forebay* dredgings and *Godzilla* small scale dredgings. This year's major dredging cost \$216,068.....or approximately \$17.71 a cubic yard.

Future plans include intercepting and removing sediment upstream in the watersheds and arranging for cooperative funding to finance the removal and conversion of sediment from Fairfax County's watershed area beyond the boundaries of the Lake Barcroft community.