

Rivanna Water & Sewer Authority
Ragged Mountain Dam Capital Project Breakdown
January 2008

Note: Estimated costs below may vary from previously published estimates because they are updated annually to allow for expected inflation in the construction industry. These adjustments take into account several published sources, including the *Engineering New Record* Construction Cost Index, R. S. Means' Construction Cost Index, and the U S Department of Labor Consumer Price Index.

Project Category	Estimated Cost
Dam Project Preliminary Design	\$160,000
Dam Project Final Design	2,400,000
Mitigation Engineering & Environmental Consulting Services	420,000
Dam Bidding & Construction Engineering	2,630,000
Dam Construction & Construction Admin ¹	24,390,000
Mitigation Plan Implementation	2,940,000
VDOT Embankment Stabilization Construction	1,770,000
Reservoir Clearing and Grubbing	1,390,000
Breaching of Old Dams	1,790,000
	\$37,890,000

¹Forecasted costs for real estate acquisition associated with the new dam and reservoir expansion are included within this line item. Estimates for real estate acquisition are being withheld from separate public disclosure pursuant to an exemption permitted by §2.2-3705.1.8 of the Code of Virginia.