

Response to Questions on the FY 2011 Budget

Request By: Supervisor Herrity

Question: Per Ed Long's memo to DEQ dated December 7, 2009, please provide: a detailed breakdown of how the remaining closure costs for the ash land fill were calculated; a detailed breakdown of how the remaining post-closure costs for the entire I-95 landfill were calculated; and a detailed breakdown of how the estimated \$3 million in corrective action costs for the I-95 landfill were calculated. Has the county already paid any portion of these costs?

Response: Closure costs:

The total closure cost is estimated at \$10,066,929. This figure is based on unit prices obtained from recent landfill construction public bids in Northern Virginia.

This amount is based on 45.8 acres of Area Three Lined Landfill (ATLL) Phase I, II, and IIIA. (Phase I = 25.8 acres, Phase II = 20.9 acres, and Phase IIIA = 9.6 acres minus 10.5 acres for Parts 1 and 2 Cap construction projects).

Post-closure costs:

The total post-closure cost for 260 acres is estimated at \$45,810,600. The per-acre cost is \$176,194 and annual post-closure care for one acre is \$5,873.

The annual post-closure costs in 2000 were estimated at \$1,262,000. With the inflation of 21% between 2000 & 2009, the cost for annual post-closure care in 2009 is estimated at \$1,527,020. Therefore the total liability for 30 year post-closure costs is \$45,810,600.

Corrective action costs:

The I-95 Sanitary Landfill exceeded its established groundwater protection standards in 2000 and is required to provide the minimum \$1,000,000 financial assurance for corrective action. Fairfax County has now completed the Assessment of Corrective Measures. The corrective action program is estimated to cost \$3,000,000. This is a preliminary estimate, based on additional site exploration and testing. The County has not yet paid any portion of these Costs. DEQ is reviewing the County's corrective action plan. Upon approval, corrective action will be taken.