



# Solid Waste Disposal Facility Cost Estimate Form, DEQ Form CE SWDF

**Facility Name:** Bristol Sanitary Landfill

**Permit No. SWP 498**

**Location Address:** 2655 Valley Road

**City, State, Zip:** Bristol, VA 24201

**FA Holder:** City of Bristol

**Estimate Prepared by:** Thomas Williams, SCS Engineers and Charles Warren P.E., SCS Engineers

Indicate the plan versions for which this cost estimate was prepared, identifying the following information for each plan:

**Closure Plan**

**Title:** Closure Plan

**Plan Date:** 01/31/2023

**Consultant:** SCS Engineers

**Approved:** Pending

**Post-Closure Plan**

**Title:** Post-Closure Care Plan

**Plan Date:** 02/17/2023

**Consultant:** SCS Engineers

**Approved:** Pending

**Corrective Action Plan**

**Title:** \_\_\_\_\_

**Plan Date:** \_\_\_\_\_

**Consultant:** \_\_\_\_\_

**Approved:** \_\_\_\_\_

**Corrective Action Monitoring Plan**

**Title:** \_\_\_\_\_

**Plan Date:** \_\_\_\_\_

**Consultant:** \_\_\_\_\_

**Approved:** \_\_\_\_\_

**Cost Estimate Summary**

Closure Cost Element	Total Cost	Notes
<b>Total Closure Cost:</b>	\$6,824,749	
<b>Total Post-Closure Cost:</b>	\$4,970,900	
<b>Total Corrective Action Cost:</b>	\$1,000,000	
<b>Total:</b>	<b>\$12,795,649</b>	

**References:** Please indicate references used to develop this cost estimate: The closure cost estimate is based on the final cover design with geomembrane. Closure and post-closure cost estimates are based on unit costs either obtained directly from vendors and contractors or based on experience with other projects of similar size and design. All costs are in 2023 dollars. Final costs for corrective action have not been established.

**CERTIFICATION BY PREPARER**

This is to certify that the cost estimates pertaining to the engineering features and monitoring requirements of this solid waste management facility have been prepared by me and are representative of the design specified in the facility's Closure Plan. The estimate is based on the cost of hiring a third party and does not incorporate any salvage value that may be realized by the sale of wastes, facility structures, or equipment, land or other facility assets at the time of closure. In my professional judgment, the cost estimates are a true, correct, and complete representation of the financial liabilities for closure and postclosure care of the facility and comply with the requirements of 9 VAC 20-70 and all other DEQ rules and statutes of the Commonwealth of Virginia.

SIGNATURE:  DATE: February 21, 2023

NAME: Charles Warren, SCS Engineers

TITLE: Project Manager, P.E.

**Acknowledgement by Owner / Operator:**

SIGNATURE:  DATE: 02/23/2023

NAME: Jacob Chandler

TITLE: Public Works Director