

City of Bristol Virginia
300 Lee Street
Bristol, VA 24201

COMMITMENT TO OUR COMMUNITY

The process of closing the Quarry Landfill is an immense undertaking and we sincerely appreciate your patience, feedback, and understanding of the challenges we face and are meeting as a city throughout this work. As we enter 2024, the City of Bristol remains committed to remediating ongoing issues at the Quarry Landfill. We are proud of the significant progress we have made in 2023.

WHERE CAN I FIND MORE INFORMATION?

Visit our website at BristolVALandfill.org to:

- Find the latest updates, video, events, and news
- Learn more about the Quarry Landfill capping process



BRISTOL VIRGINIA QUARRY LANDFILL: LANDFILL CLOSURE UPDATE

The City of Bristol is continuing work with contractors to mitigate odor issues at the quarry landfill.



Learn more about these efforts inside.

TIMELINE OF REMEDIATION PROJECTS 2022–2023

The City of Bristol, Virginia has implemented numerous recommendations made by the expert panel designed to remediate the odor issue at the Quarry Landfill. While efforts to address odors are ongoing, the steps completed to date are essential to improving conditions at the landfill prior to installation of a cover over the entire surface of the Quarry Landfill.

Spring 2022: DEQ Expert Panel

September 9, 2022: Ceased accepting waste

October 10, 2022: Installed intermediate dirt cover

November 1, 2022: Hosted Community Open House

Completed December 2022: Installed a dedicated thermocouple temperature probe system

February 21, 2023: Hosted Community Open House

Completed June 2023: Developed and constructed sidewall odor mitigation system (SOMS)

- Purpose of SOMS is to capture excess landfill emissions that had been escaping from the sidewalls of the quarry landfill to mitigate odors

Completed June 2023: Expanded and improved perimeter gas collect system with additional gas wells near the new sidewall system

July 12, 2023: Hosted Community Open House

Completed Summer 2023: Upgraded leachate extraction and monitoring system

Summer 2023 (ongoing): Implemented third-party air monitoring program with Stantec

Upcoming: Design and installation of Ethylene Vinyl Alcohol cover over entire surface of the landfill

You can view the complete timeline on our website, BristolVALandfill.org/Progress.

NEW DIRECTOR OF SOLID WASTE: LAURA SOCIA

Laura Socia joined the City of Bristol as the new Director of Solid Waste on January 3, 2024.

Ms. Socia, who had previously served as an Environmental Compliance Manager with Dominion Energy, will oversee remediation efforts at the Quarry Landfill. She has significant experience managing industrial landfills which includes 14 years as a licensed waste management operator.

Prior to her tenure at Dominion, she worked for the Virginia Department of Environmental Quality (DEQ) for 7 years in the hazardous/solid waste financial assurance and air monitoring departments.

FREQUENTLY ASKED QUESTIONS

What is a “sidewall odor mitigation system” and how does it work?

The sidewall odor mitigation system (SOMS) was constructed around the perimeter of the landfill. The purpose of the system is to capture landfill gas inside the sidewall liner and remove any landfill gas that has found its way between the liner system and the quarry rock sidewall. As indicated by its name, the system is designed to mitigate odors.

What other measures have been implemented to address odor and environmental issues at the landfill?

The mitigation plan for the site includes placement of interim cover (completed), installation of the SOMS (completed), construction of an enhanced landfill gas collection system (completed), monitoring of the landfill temperatures (ongoing), removal of liquids from the landfill gas wells (ongoing), monitoring of landfill settlement (ongoing), implementation of a stormwater management system (ongoing), and installation of an ethylene vinyl alcohol (EVOH) geomembrane cover (upcoming).