

### Style-Rite Kitchens Streambank Stabilization

**Design Features:** Rip-rap, streambank grading, and gravel bar removal.

**Date of Installation:** May 2025

**Location:** City of Lower Burrell, PA

**Client:** Style-Rite Kitchens

**Cost:** \$93,738.99

**Project Partners:** Natural Resources Conservation Service (NRCS)- Emergency Watershed Protection Program, Department of Environmental Protection (DEP), and RJL Excavating LLC.

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Severe streambank erosion threatening the back of the Style-Rite Kitchens building.

### Project Specifications

In April 2024, significant rainfall caused Pucketa Creek to cut a new path and make a sharp bend directing the stream to the back of the Style-Rite Kitchens building. The streambank along this area was very unstable due to unconsolidated fill material. The yard/ streambank of the business next to Pucketa Creek after a large rainfall event eroded within 18-inches of the building decreasing water quality downstream. The Westmoreland Conservation District provided technical assistance and project management for this project. Funds were acquired from an NRCS – Emergency Watershed Protection Grant and a DEP- Office of Water Programs Grant to implement this streambank stabilization technique along the eroding section.

R-8 sized rip-rap was placed along the section of eroding streambank to create a shallower slope and prevent the water from wearing away the bank further. Smaller R-5 and R-3 size stone and gravel bar material was used to fill in the gaps of the larger rip-rap and restore the lawn area. The site was seeded and mulched.

### Benefits/Performance Measures

Overall, this project stabilized over 260 feet of actively eroding streambank utilizing 1105 tons of rip-rap. The owners of Style-Rite Kitchens can breathe easy again knowing that their building and streambanks are protected.



## Style-Rite Kitchens Streambank Stabilization



**Before:** Streambank erosion threatening the building.



**During:** Large R-8 size rip-rap installed to restore eroding streambank.



**After:** Stabilized streambank and yard area restored.