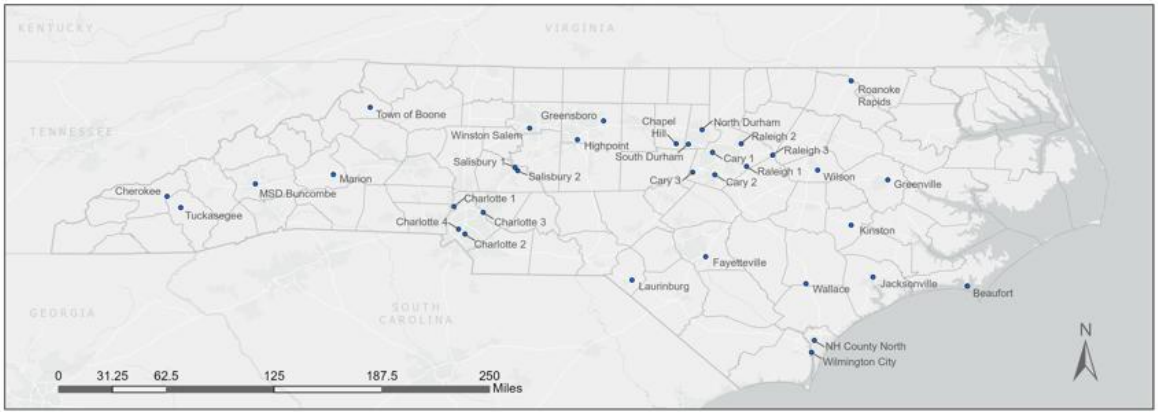
Measles (MEV) Measured in Wastewater

North Carolina Wastewater Monitoring Network Report

Updated on 02/18/2026

Summary: In late June 2025, North Carolina implemented measles testing (MEV) testing across the state at 28 sites. Results are shared with the CDC National Wastewater Surveillance System (NWSS) and published weekly on a public dashboard. In late July 2025 Verily (CDC contractor) began testing at 6 sites. We are currently testing weekly at 34 sites across North Carolina. Results are shown for the last six months below.

Wastewater Monitoring Locations for Measles (MEV):



Measles (MEV) Results at 34 Sites Across North Carolina:

Methodology:

- Influent samples (samples collected from water flowing into the wastewater treatment plant) from 28 wastewater treatment plants are shipped from the State Lab for Public Health to the University of North Carolina at Chapel Hill and analyzed by droplet digital PCR.
- Influent samples from 6 additional wastewater treatment plants are shipped to Verily (CDC contractor) and measured by digital PCR.
- Wastewater data are displayed as either non-detect (raw concentration measured is below half limit of detection (LOD)) or confirmed detection (raw concentration measured is above LOD).