



EPA Region 7

Ethylene Oxide Concentrations Decrease In Verona, Missouri

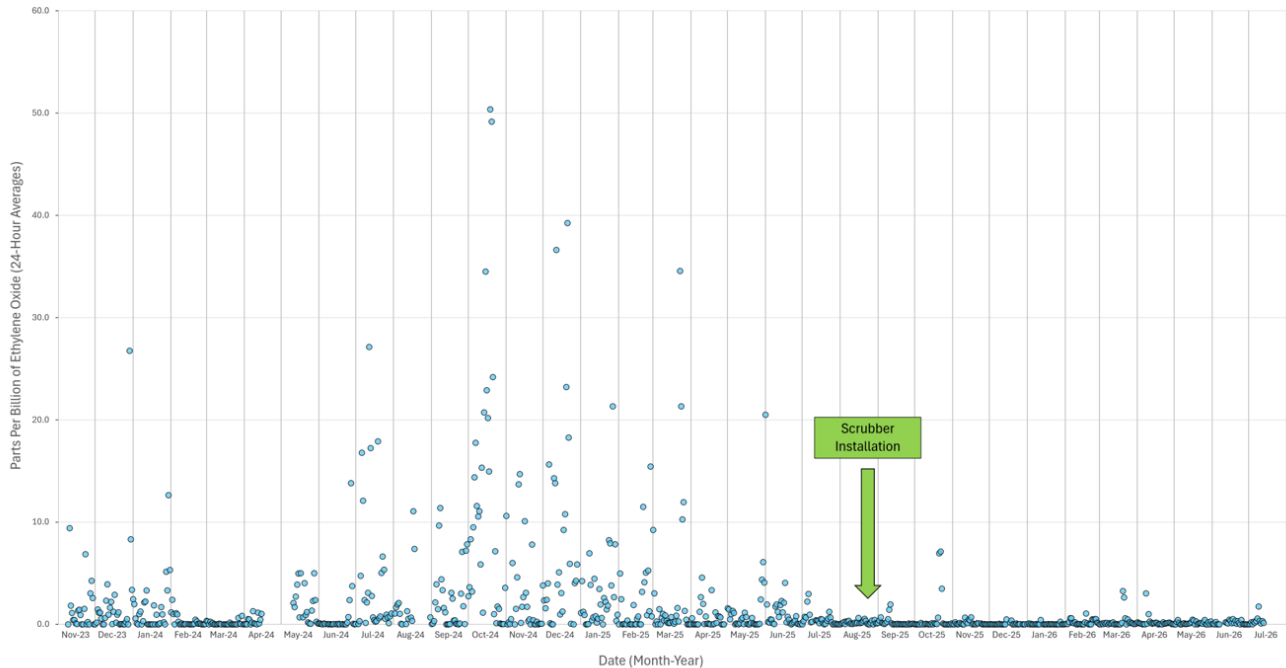
Summary

Since 2018, EPA Region 7 has worked alongside local and state partners to address ethylene oxide concerns in the community of Verona, Missouri. Air monitoring data obtained since 2023 demonstrates that average daily ethylene oxide concentrations have significantly decreased in Verona.

Background And Results

- Since 2022, EPA Region 7 sampled and monitored ambient ethylene oxide concentrations in Verona, Mo., and analyzed the results to identify opportunities to reduce ethylene oxide concentrations in the community.
- In September 2022, EPA negotiated an administrative order under section 112(r)(7) of the Clean Air Act (later amended in January 2023) requiring BCP Ingredients, Inc. to take compliance actions including inspection of the facility's ethylene oxide tank and a ventilation study of certain buildings.
- In December 2024, EPA entered into a consent decree with BCP Ingredients, Inc. under section 112(r)(7) of the Clean Air Act which required BCP Ingredients to install an ethylene oxide pollution control device (scrubber) and complete supplemental environmental projects including a mobile health vehicle purchase, provision of medical visits, and purchase of emergency response equipment for Verona, as well as pay a civil penalty of \$300,000.
- Since October 2024, EPA has coordinated with BCP Ingredients, Inc. regarding the air monitoring results. The facility used this information to make voluntary improvements, which have contributed to a measurable reduction in ethylene oxide concentrations in Verona, Missouri.
- EPA continued ambient monitoring beyond August 2025 when BCP Ingredients, Inc. installed the required scrubber. Ethylene oxide concentrations continued to decrease after the scrubber installation. With these sustained decreases, EPA is concluding ambient monitoring in August 2026.

Ethylene Oxide Fenceline Concentrations in Verona, MO from 2023 - 2026



For More Information

EPA Webpage on BCP Ingredients, Inc. in Verona, Missouri: <https://www.epa.gov/mo/bcp-ingredients-inc-facility-verona-missouri>

Consent Decree in the matter of United States of America vs. BCP Ingredients, Inc.: https://www.justice.gov/d9/2024-12/bcp_file_stamped_consent_decree_12.2.24.pdf

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