

Monthly Quality Update May 2025



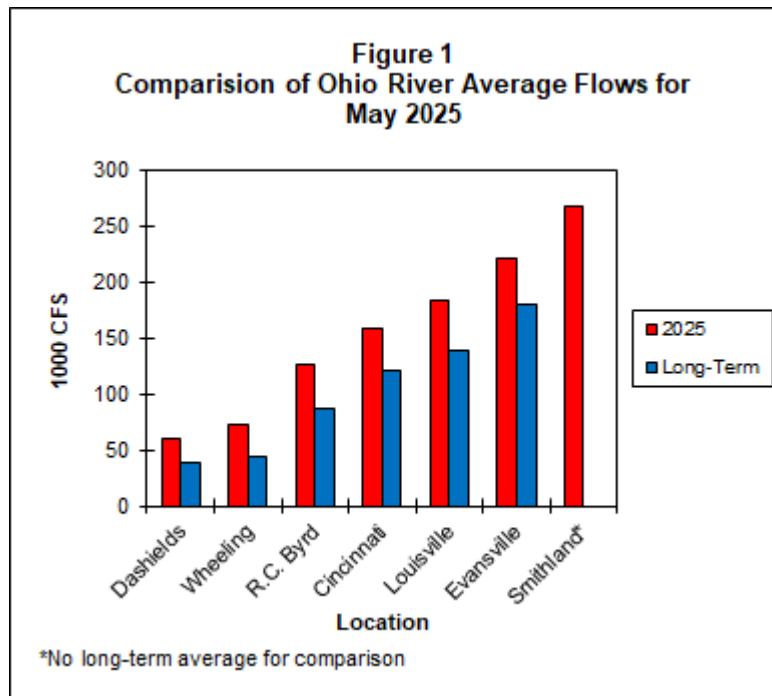
**OHIO RIVER VALLEY
WATER SANITATION COMMISSION**

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Flows

Average flows at seven Ohio River locations are displayed below. At each location the May 2025 average flow (red bar) is contrasted with the long-term average monthly flow (blue bar). May flows were above the long-term average at every location.



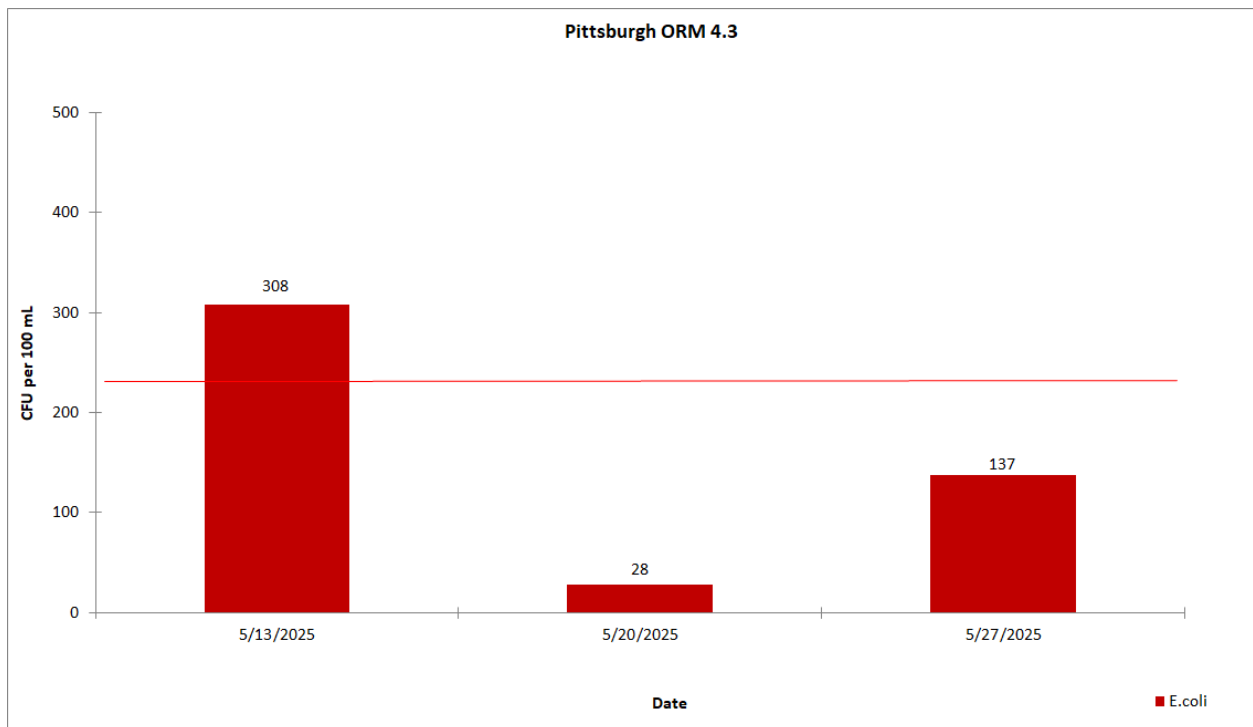
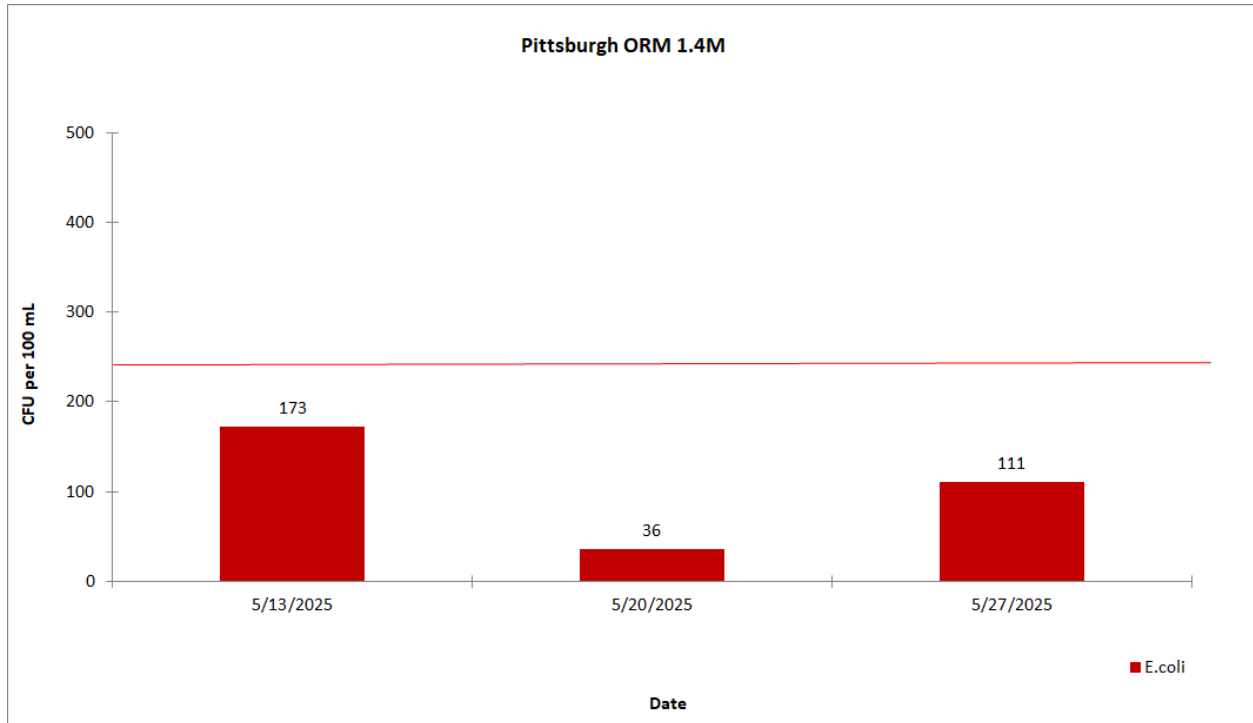
Bacteria

The bacteria monitoring results from five of the six Ohio River locations in May are in the attached graphs. Unfortunately, Pittsburgh had boat engine issues and has not been able to sample this year. Wheeling and Huntington, WV added Fecal Coliform analysis this season. ORSANCO's water quality criteria for the protection of human health during the contact recreation season are:

- *E. coli* count is not to exceed 240 CFU/100mL in more than 25 percent of samples. (*E. coli* is shown with a red line on the graph.)
- *E. coli* shall not exceed 130 CFU/100mL as a 90-day geometric mean, based on not less than five samples per month.

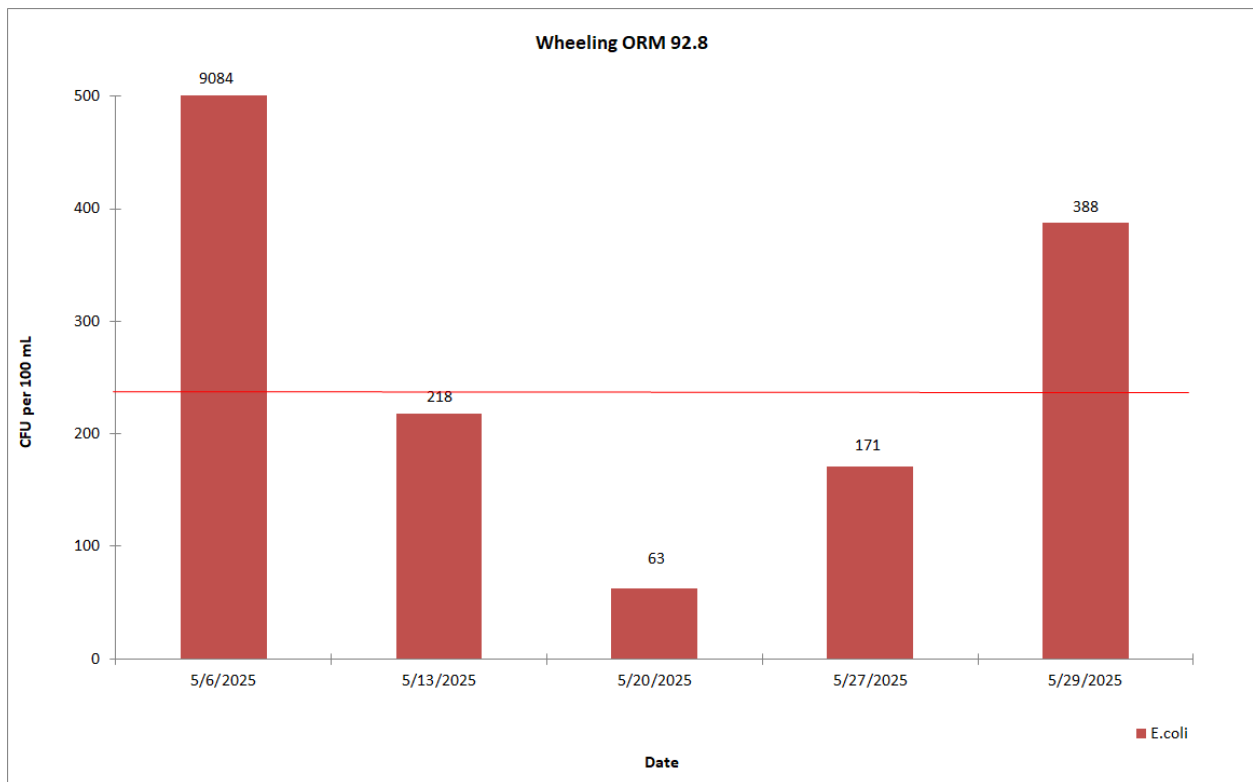
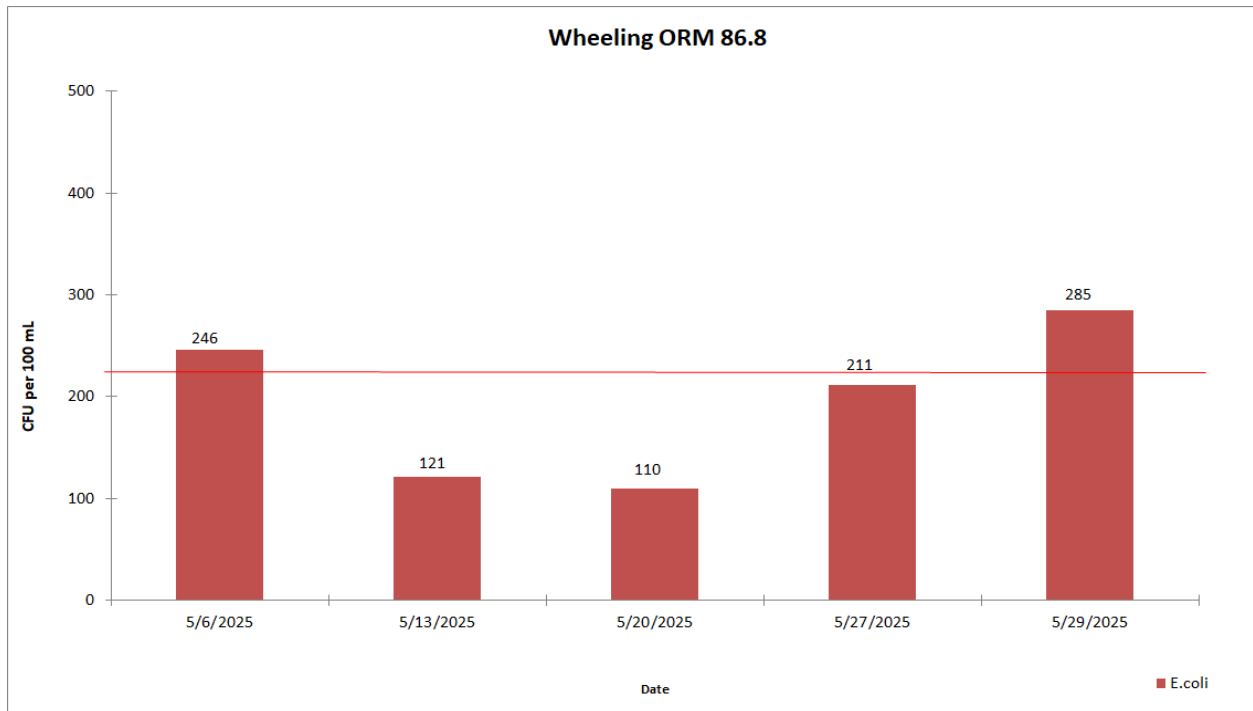
Pittsburgh

In Pittsburgh, ORM 1.4M did not exceed the *E.coli* criteria. ORM 4.3 had one individual exceedance for *E.coli*. Weather limited sampling efforts.



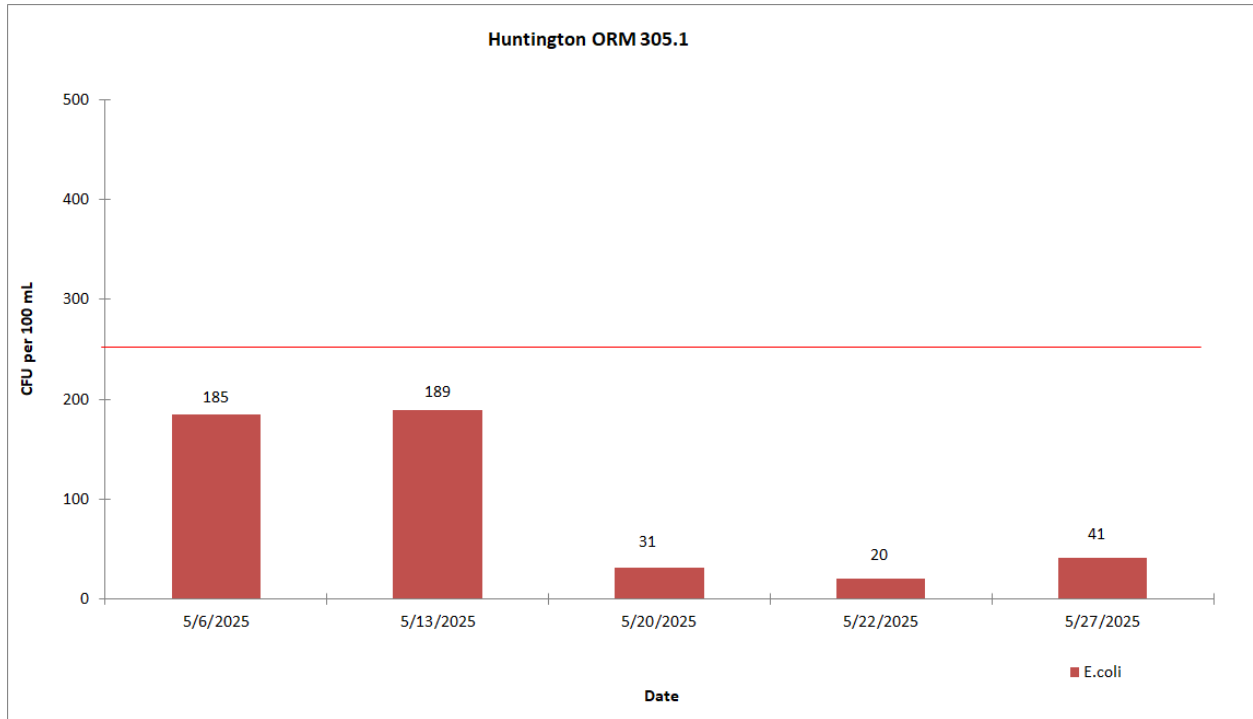
Wheeling

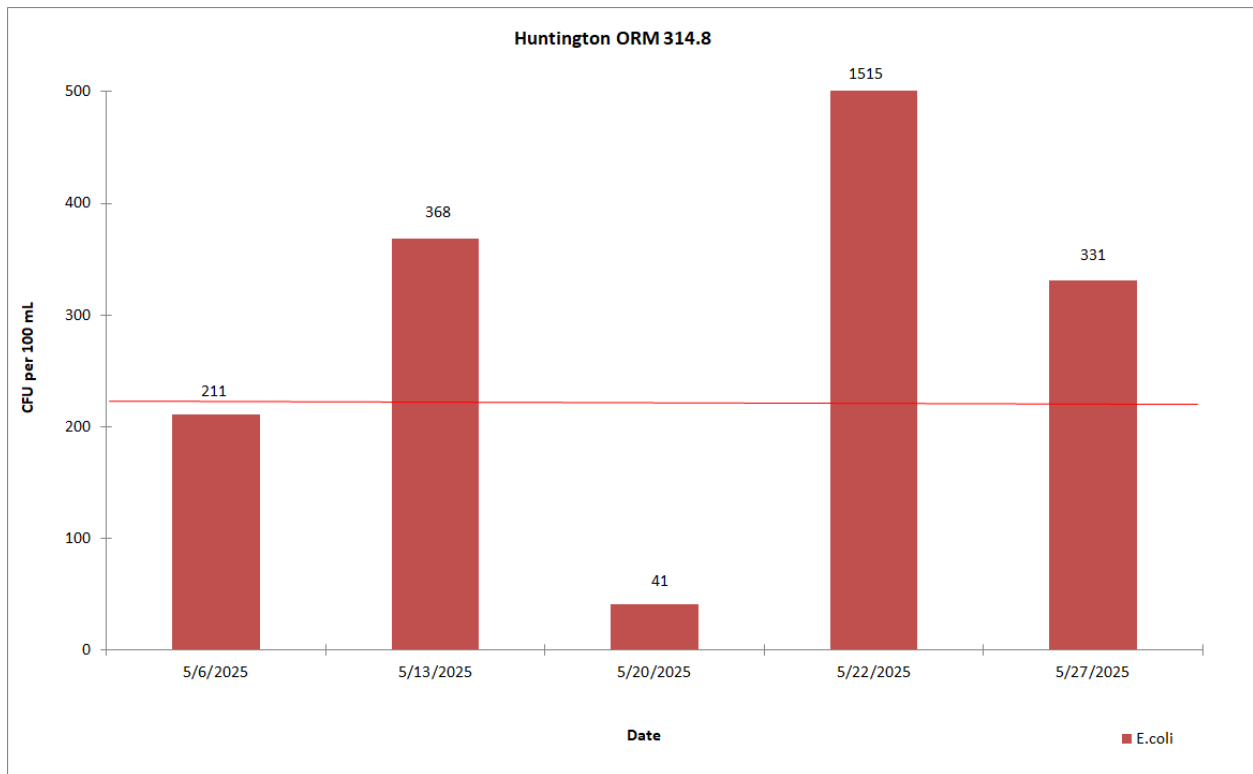
In Wheeling, ORM 86.8 and ORM 92.8 both had two individual exceedances for *E.coli*.



Huntington

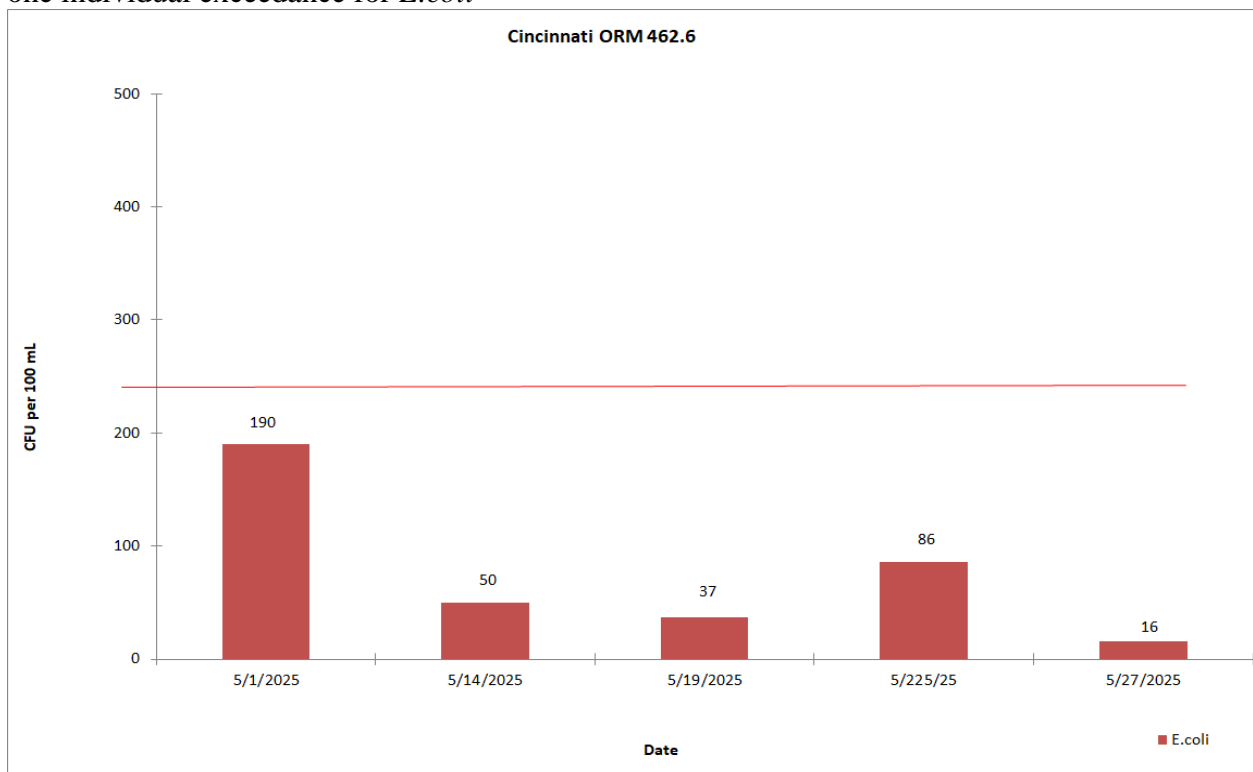
In Huntington, ORM 305.1 did not exceed the *E.coli* criteria. ORM 314.8 had three individual exceedances for *E.coli*.

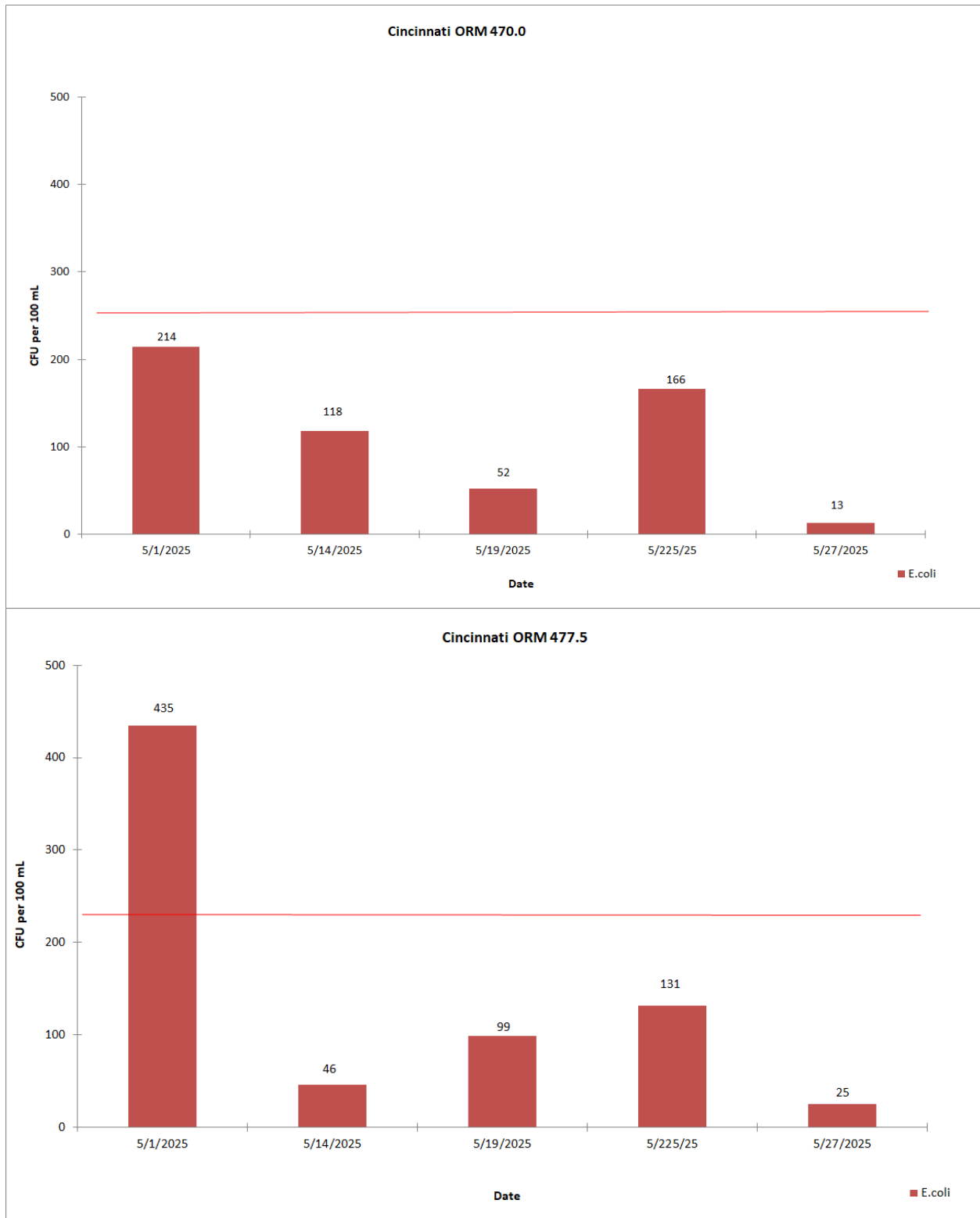




Cincinnati

In Cincinnati, ORM 462.6 and ORM 470.0 did not exceed the *E.coli* criteria. ORM 477.5 had one individual exceedance for *E.coli*

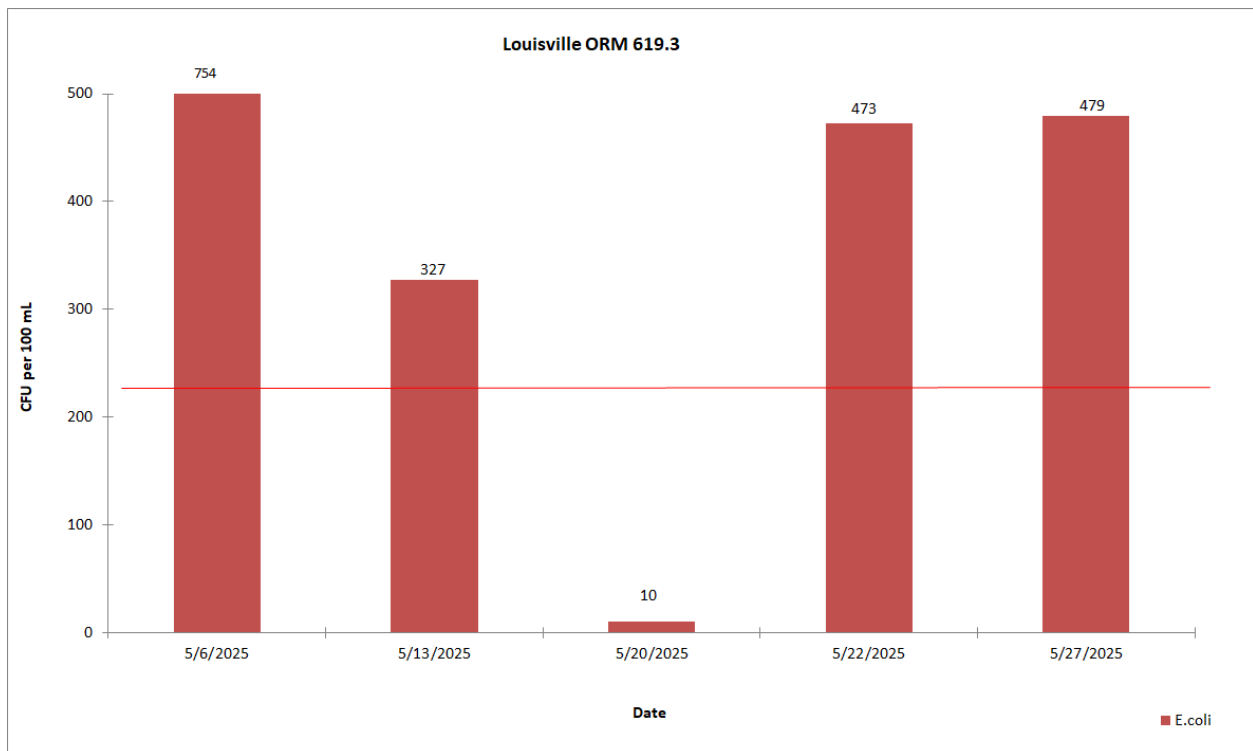
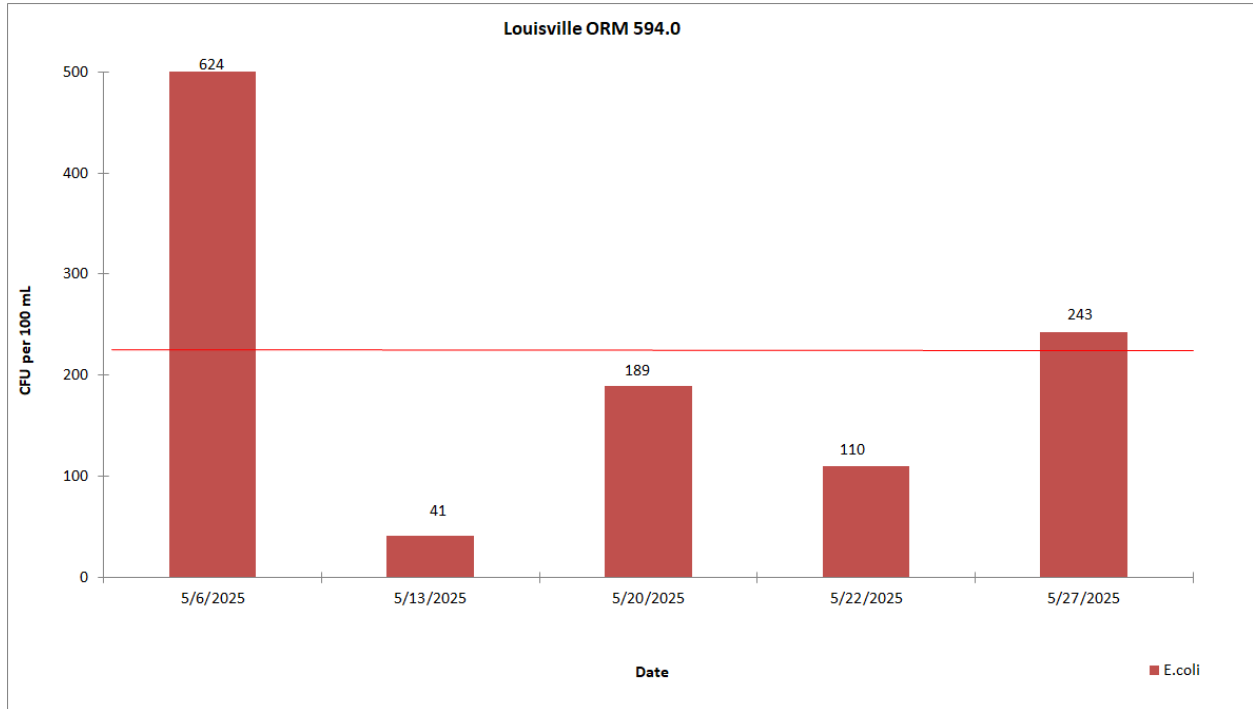




Louisville

In Louisville, ORM 594.0 had two individual exceedances for *E.coli*. ORM 619.3 had four

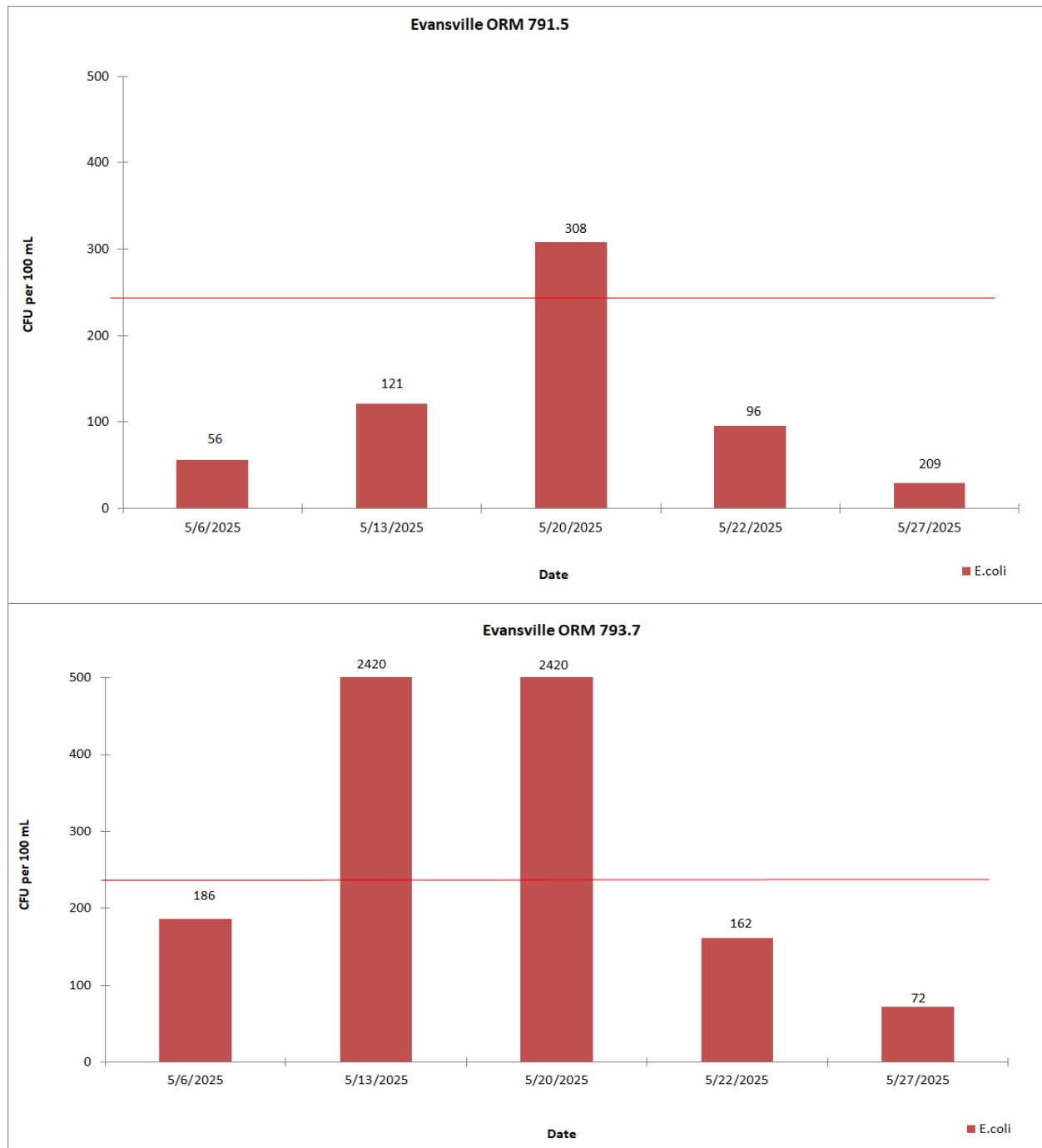
individual exceedances for *E.coli*.



Evansville

In Evansville, ORM 791.5 had one individual exceedance for *E.coli*. ORM 793.7 had two

individual exceedances for *E.coli*.



Atrazine

Evansville drinking water utility samples the Ohio River at their intake and analyzes for atrazine by immunoassay technique. Results for May 2025 are presented below. Evansville had no

criteria violations of the Maximum Contaminant Level (MCL) of 3.0 ug/L set by the Safe Drinking Water Act for finished drinking water.

Ohio River Atrazine Concentrations May 2025

