


September 10, 2021

MEMORANDUM

To: Karen Hays, Air Branch Chief

Through: James Boylan, Assistant Branch Chief 

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: **Revised:** Cobb May 27, 2020, September 18, 2020, and January 10, 2021 Sampling Results for Ethylene Oxide

The qualifiers associated with samples of Ethylene Oxide (EtO) collected by the Ambient Monitoring Program in the Cobb area during the periods of May 17 - June 8, 2020, September 6 – 24, 2020, and December 23, 2020 – January 16, 2021 are being updated. These samples were sent to Eastern Research Group (ERG) for analysis. EPA has posted two memorandums discussing the ethylene oxide concentrations in the collection canisters and potential biases that may be caused by the lining of the canisters. These memorandums are posted on our website for reference.

Based on the EPA memorandum and additional history available for the canister, we are updating the qualifiers for samples identified below. The Qualifier code of “LK” was included to indicate that the sample may be biased high.

As previously reported, the Qualifier code of “2” was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. The Qualifier code of “3” was given to samples to indicate that the integrity of the field data may have been compromised.

| Location | Date | Qualifier | EtO Concentration (ug/m ³) |
|----------|------------|-----------|--|
| S7 SA | 05/27/2020 | LK, 2 | 1.09 |
| S2 | 09/18/2020 | LK | 1.29 |
| S2 | 01/10/2021 | 2, 3 | 0.25 |

If you have any questions, please let me know.

DGO/do