GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

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MEMORANDUM

To: Karen Hays, Air Branch Chief

Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: **Revised:** South DeKalb February 9, 2020 and August 13, 2020 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected by the Ambient Monitoring Program at our South DeKalb monitoring station in January and February 2020. 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.

We are updating the data results for the sample collected on February 9, 2020 based on additional information that has become available concerning the canister used for this sample. When this canister was used a second time in our study, the concentration was also significantly high as compared to the other samples collected that sample day. The code SC indicates that the sample was invalidated due to sampler contamination.

Location	Date	Qualifier	EtO Concentration (ug/m^3)
South DeKalb	02/09/2020		SC

Samples of Ethylene Oxide (EtO) were also collected at our South DeKalb monitoring station July 26, 2020 through August 13, 2020. These samples were also sent to Eastern Research Group (ERG) for analysis. Based on the EPA memorandum and additional history available for the canister, we are updating the qualifiers for the August 13, 2020 sample collected at the South DeKalb monitoring station. The Qualifier code of "LK" was included to indicate that the sample may be biased high.

Location	Date	Qualifier	EtO Concentration (ug/m^3)
South DeKalb	08/13/2020	LK	2.91

If you have any questions, please let me know.

DGO/do