



Ethylene Oxide (EtO) 24-hr Sampling Locations

Sampling Date	County/City	Location	Site Description
October 2019 – June 2021	Chesterfield	National Air Toxics Trend Site (NATTS)	Rural Site
October 2019 – June 2021	Charleston	Cape Romain (Class I Area)	Background Site
November 2019 – June 2021	Spartanburg	Croft Fire Station	Industrial area (multiple EtO emitting sources)
November 2019 – June 2021	Spartanburg	Arkwright/ ReGenesis Community	Community near multiple EtO emitting sources
November 2019 – June 2021	North Charleston	Gussie Green Community Center	Community near EtO source (across Interstate)
November 2019 – June 2021	North Charleston	Rosemont Park	Community near EtO source

100 in 1 million cancer risk (estimated) = 0.01 ppb (0.02 $\mu\text{g}/\text{m}^3$)

EtO Detection Level = 0.03ppb (0.05 $\mu\text{g}/\text{m}^3$)