

AIR QUALITY PERMIT NOTICE
Draft Title V/PSD Permit V-25-035

Subject to Prevention of Significant Deterioration (PSD) and
Concerning the Construction and Operation of a gray iron foundry and machining facility at

Fritz Winter North America, LP
Source ID: 21-213-00064
Agency Interest #: 129745

Fritz Winter North America, LP of 1 Fritz Winter Drive, Franklin, Kentucky 42134 has applied to the Kentucky Division for Air Quality for a significant revision to and renewal of the permit to construct/operate a Gray Iron Foundry and Machining Facility at 1 Fritz Winter Drive, Franklin, Kentucky 42134. The plant is classified as a Title V major source due to its emissions of non-hazardous regulated air pollutants. This revision includes modifications to the scope of the originally permitted PSD project and changes to reflect revised emission limits. The changes authorized by this permit will increase potential emissions of CO by 0.02 tons per year, NO_x by 0.26 tons per year, PM by 1.31 tons per year, PM₁₀ by 0.88 tons per year, PM_{2.5} by 0.88 tons per year, VOC by 1.14 tons per year, and HAPs by 0.009 tons per year. The project has an updated potential to emit of 28 tons of PM, 28 tons of PM₁₀, 27 tons of PM_{2.5}, 337 tons of CO, and 231 tons of VOC annually in amounts above the PSD significance thresholds. For the project, ambient air dispersion modeling was performed to determine the degree of increment consumption expected to occur, pursuant to 401 KAR 51:017. The following table lists the Class II PSD increment and increment consumed, as originally evaluated and approved:

Pollutant	Averaging Period	Class II PSD Increment	Increment Consumed	Exceeds Increment?
PM ₁₀	24-hour	30	8.19	No
PM ₁₀	Annual	17	1.95	No
PM _{2.5}	24-hour	9	8.19	No
PM _{2.5}	Annual	4	1.95	No

Based on the modeling results, ambient impacts of PM_{2.5} are below the Class I SILs at all Class I areas within 300 km of the Franklin facility; therefore, no further modeling is required as compliance with the applicable Class I PSD Increment standards is presumed. The five (5) Class I areas within 300 km of the Franklin facility evaluated in the Class I Significance Analysis are Mammoth Cave National Park, Sipsey Wilderness Area, Cohutta Wilderness Area, Joyce Kilmer-Slickrock Wilderness Area, and Great Smoky Mountains National Park.

Official copies of the Division's draft permit and relevant supporting information are available for inspection by the public at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Public-Notices.aspx> and during normal business hours at the following locations:

Division for Air Quality, 300 Sower Boulevard, 2nd Floor, Frankfort, KY 40601,
Phone (502) 564-3999; and Division for Air Quality, Bowling Green Regional Office,
2642 Russellville Road, Bowling Green, KY 42101, Phone (270) 746-7475.

For a period of 30 days the Division is soliciting comments on the draft permit and affording the opportunity for a public hearing. The first day of the 30 day period is the day this notice is posted on the website above. Comments and/or public hearing requests should be sent to Michelle McCloskey at 300 Sower Boulevard, 2nd Floor, Frankfort, KY 40601 or via email to AIRKentucky@ky.gov. Any person who requests a public hearing must state the issues to be raised at the hearing. If the Division finds that a hearing will contribute to the decision-making process by clarifying significant issues affecting the draft permit, a hearing will be announced. All relevant comments will be considered in issuing the proposed permit. U.S. EPA has up to 45 days following issuance of the proposed permit to submit comments. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition will be posted at the following website address: <https://www.epa.gov/caa-permitting/kentucky-proposed-title-v-permits> shortly after the end of this 30-day comment period. Further information can be obtained by calling Michelle McCloskey at 502-782-6713.

The Commonwealth of Kentucky does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services and provides, upon request, reasonable accommodation including auxiliary aides and services necessary to afford individuals an equal opportunity to participate in all programs and activities. Materials will be provided in alternate format upon request.