

Notice Concerning Proposed Kansas Air Quality
Construction Permit and Public Hearing

Notice is hereby given that the Kansas Department of Health and Environment (KDHE) is soliciting comments regarding a proposed air quality construction permit. The Goodyear Tire & Rubber Company (Goodyear), located at 2000 Northwest US Highway 24, Topeka, Kansas 66618, has applied for an air quality construction permit in accordance with the provisions of K.A.R. 28-19-300 to make an operational change at their rubber tire manufacturing plant by permitting an existing mixer (Mixer #1) to mix rubber compound formulations containing coupling agent at temperatures that would release ethanol emissions. The use of coupling agent enables Goodyear to meet the increasing demands of manufacturers and to meet the US Environmental Protection Agency Corporate Average Fuel Economy standards. As a result of coupling agent use in Mixer #1, a new regenerative thermal oxidizer (RTO) will be installed for the purpose of controlling emissions from the mixer when rubber compound formulations containing coupling agent are mixed at temperatures that would release ethanol emissions. Additionally, curing is an existing, downstream process affected by the operational change to Mixer #1.

Emissions of oxides of nitrogen (NO_x), sulfur dioxide (SO₂), carbon monoxide (CO), particulate matter (PM), PM with an aerodynamic diameter less than or equal to 10 micrometers (PM₁₀), PM with an aerodynamic diameter less than or equal to 2.5 micrometers (PM_{2.5}), ozone (O₃) which is regulated as volatile organic compounds (VOC) or NO_x (both pollutants are precursors to O₃ formation), hazardous air pollutants (HAPs), lead (Pb), and greenhouse gas (GHG) were evaluated during the permit review process.

The proposed permit is to be issued in accordance with the provisions of K.A.R. 28-19-350, which adopts by reference the federal standards, procedures and requirements of *40 CFR 52.21, Prevention of Significant Deterioration (PSD) of Air Quality*. These air quality regulations apply to major stationary sources and major modifications of major stationary sources located in areas designated as “attainment” or “unclassifiable” under the federal Clean Air Act (CAA). Attainment areas are areas where the air quality meets or is better than the National Ambient Air Quality Standards (NAAQS). Unclassifiable areas are areas where the air quality cannot be classified on the basis of available information as meeting or not meeting the NAAQS.

The PSD regulations require evaluation of emission reduction techniques to identify the best available control technology (BACT) for each regulated pollutant for which the emission rate exceeds the PSD significant level. The purpose of BACT is to affect the maximum degree of reduction achievable, taking into account energy, environmental, and economic impacts for each regulated pollutant under review. Evaluation of the estimated emissions for the proposed Mixer #1 project indicates that the emission rate of VOC exceeds the significant level. Goodyear conducted the required BACT analysis. The department reviewed the BACT analysis for the Mixer #1 project and concurs with its findings as follows:

- BACT for VOC is good design and operation when mixing rubber compound formulations in Mixer #1.
- BACT for VOC is use of the aforementioned RTO whenever Mixer #1 is in operation and mixing rubber compound formulations containing coupling agent at temperatures that would release ethanol emissions.

An ambient air quality analysis using a qualitative approach was performed on the potential VOC emissions from the Mixer #1 project. After considering data specific to the project and the area, the department has concluded that the proposed project will not will not cause or significantly contribute to air pollution in violation of any NAAQS. EPA has not established a 1-hour Class II maximum allowable increment for VOC or ozone. Therefore, no calculation of the potential consumption of such increment is possible.

No adverse impacts on soils and vegetation in the area are expected. Any federal land manager who has reason to believe they may have a class I area adversely impacted by the emissions from the proposed project has the opportunity to present KDHE with a demonstration of the adverse impact on the air quality-related values of the federal class I area during the comment period.

A public comment period has been established to allow citizens the opportunity to express any concerns they may have regarding the proposed permitting action. The public comment period is to begin on Thursday, November 26, 2015, and will end at noon on Monday, December 28, 2015. All comments should be submitted in writing to Rasha S. Allen, Bureau of Air, 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366.

Any member of the public may request the Department to hold a public hearing to receive comments on the proposed issuance of the draft air quality construction permit. A written request to hold a public hearing should be sent to the attention of Rasha S. Allen at the address listed above or by FAX to (785) 291-3953, and must be received by noon on Monday, December 28, 2015. *If a pertinent request is received, a public hearing is tentatively scheduled by the KDHE to be held at the Topeka and Shawnee County Public Library, in the Marvin Auditorium 101B, 1515 SW 10th Ave., Topeka, KS 66604-1374 on Wednesday, December 30, 2015 beginning at 6:00 p.m. and continuing until audience members have an opportunity to submit comments.* **If no pertinent requests to hold the public hearing are received by noon Monday, December 28, 2015, the public hearing will be cancelled. A notice of the cancellation will be posted at the KDHE website at <http://www.kdheks.gov/bar/publicnotice.html>.**

If a hearing is conducted, all interested parties will be given a reasonable opportunity to present their views orally or by submission of written materials during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request that each participant limit oral presentations to a specific time limit.

Any individual with a disability may request accommodation in order to participate in the public hearing and may request the proposed materials in an accessible format. Requests for accommodation must be made no later than Monday, December 14, 2015 by contacting Rasha S. Allen at (785) 296-1693.

A copy of the proposed permit, permit application, all supporting documentation, and all information relied upon during the permit application review process are available for public review for a period of 30 days from the date of publication during normal business hours (8:00 AM to 5:00 PM) at the KDHE, Bureau of Air, 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366 and at the KDHE Northeast District Office, 800 West 24th Street, Lawrence, KS 66046. To obtain or review the proposed permit and supporting documentation, contact Rasha S. Allen, (785) 296-1693, at the KDHE central office or the air program field staff, Pat Simpson, (785) 842-4600, at the KDHE Northeast District Office. The standard departmental cost will be assessed for any copies requested.

These same materials are available, free of charge, at the KDHE Bureau of Air website, <http://www.kdheks.gov/bar/index.html>.

Susan Mosier, MD, Secretary
Kansas Department of Health and Environment