

Public Notice
Proposed Issuance of a
Construction Permit/PSD Approval to
MGP Ingredients in Pekin

MGP Ingredients of Illinois, Inc. (MGP) has applied for a construction permit from the Illinois Environmental Protection Agency (Illinois EPA) for a new feed drying system at its ethanol manufacturing plant located at 1301 S. Front St. in Pekin. MGP uses feed dryers to make cattle feed by removing water from wet feed material remaining after production of ethanol. The new drying system would replace two existing feed dryers, which would be removed from service. The proposed system qualifies as a major modification under the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21, for particulate matter 10 (PM₁₀), with potential PM₁₀ emissions of 17.1 tons/year. The permitted emissions of other PSD pollutants from the project would be below the levels at which they would be considered significant under the PSD rules.

Based on its review of MGP's application, the Illinois EPA has made a preliminary determination that this project is entitled to a construction permit. **The Illinois EPA is accepting comments prior to making a final decision on the application for this project. Comments must be postmarked by midnight January 16, 2006.** If sufficient interest is expressed in this matter, a hearing may be held. Comments, questions and requests for information, should be directed to Brad Frost, Bureau of Air, Illinois EPA, P. O. Box 19506, Springfield, IL 62794-9506, phone 217/782-2113, TDD 217/782-9143.

Persons wanting more information may view the draft permit and project summary at www.epa.gov/region5/air/permits/ilonline.htm (please look under All Permit Records, PSD, New). These documents and the application may also be viewed at the Illinois EPA's offices at 5415 N. University St. in Peoria, 309/693-5461 and 1340 N. Ninth St., Springfield, 217/782-7027 (please call ahead to assure that someone will be available to assist you). Copies of the documents will be made available upon request.

Under the PSD rules, MGP must use Best Available Control Technology (BACT) for emissions of PM₁₀ from the new drying system. PM₁₀ emissions will be controlled by a multi-step control train that would include cyclones for initial control followed by final control with combustion. Illinois EPA's initial review indicates that this control train will constitute BACT for the new drying system for emissions of PM₁₀, as well as for emissions of volatile organic material and carbon monoxide.

The air quality impact analysis prepared pursuant to the PSD rules for this project indicates that it will not cause a violation of the PM₁₀ air quality standards or PSD increments. For PM₁₀, the project's peak impacts are at most 1.47 µg/m³ 24-hour average and 0.09 µg/m³ annual average, compared to the standards for PM₁₀ of 5 µg/m³ and 1.0 µg/m³, respectively. Overall, the analyses conducted by the Illinois EPA show that MGP's impacts on PM₁₀ air quality are decreasing, as the new drying system will

replace two existing feed dryers and MGP will also be raising the height of the stacks for two existing gluten dryers at the plant.