

Public Notice
Proposed Issuance of a Joint Construction and Operating
Prevention of Significant Deterioration Permit to
Caterpillar Inc., Mapleton

Caterpillar Inc. has applied for a construction and operating permit from the Illinois Environmental Protection Agency (Illinois EPA) to modify the 3500 engine block production area at their facility located at 8826 West Route 24 in Mapleton. The changes would consist of modification to the pouring zone, the addition of a mold cooling zone, a casting removal/bucket dump, casting degating/decoring stations, waste sand and metallic return system, and a replacement shakeout table for the camshaft area. The modifications will increase throughput of the 3500 engine block production area, increasing emissions. The project is considered a major modification pursuant to the federal Prevention of Significant Deterioration (PSD) rules (40 CFR 52.21). The Illinois EPA is accepting comments prior to making a final decision on this project.

The company must meet Best Available Control Technology (BACT) as required under the PSD rules. The facility also had to perform air modeling to demonstrate that the project would not significantly impact air quality. The modeling showed ambient air quality impacts levels for PM₁₀ would be 0.73 $\mu\text{g}/\text{m}^3$ annual average compared to a National Ambient Air Quality Standard of 50 $\mu\text{g}/\text{m}^3$ annual average and 4.88 $\mu\text{g}/\text{m}^3$ 24-hour average compared to a standard of 150 $\mu\text{g}/\text{m}^3$.

Persons wanting more information may obtain copies of 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 can also be obtained from the Illinois EPA's offices at 5415 North University in Peoria, 309/693-5461 and 1340 North 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.

Comments are requested on the proposed issuance of the permit. Comments must be postmarked by midnight September 6, 2001. If sufficient interest is expressed in the permit, a hearing may be held. Requests for information, comments, and questions should be directed to Brad Frost, Division of Air Pollution Control, Illinois Environmental Protection Agency, PO. Box 19506, Springfield, Illinois 62794-9506, phone 217/782-2113, TDD phone number 217/782-9143.