

Illinois Environmental Protection Agency

Notice of Public Hearing and Comment Period
Concerning the Proposed Issuance of Construction Permits/PSD Approvals
and an NPDES permit to
ConocoPhillips Company in Roxana and Hartford

ConocoPhillips Company, 600 North Dairy Ashford, Houston, TX, 77079, has requested that the Illinois Environmental Protection Agency (Illinois EPA) issue permits for a Coker and Refinery Expansion project at its Wood River Refinery located at 900 South Central Avenue in Roxana and at its Wood River Products Terminal located at 2150 South Delmar Avenue in Hartford. The Illinois EPA Bureau of Air has received two separate applications for this project: one addressing the Refinery and one for Terminal. The proposed changes at the refinery include the addition of new units and the re-start of several idled units to increase throughput and to enable the processing of heavy Canadian crude. In order to handle the increased production, ConocoPhillips is also proposing certain changes at the associated terminal.

The Illinois EPA Bureau of Water has also received an application for a revision to NPDES Permit No. IL0000205 for wastewater discharges from the Refinery in addition to stormwater runoff, and sanitary wastewater from the Village of Roxana and the Air Liquide facility. With the addition of the CORE project the Wood River Refinery will have the capability of processing 385,000 barrels of crude oil per stream day. The Draft NPDES permit includes two outfalls which discharge treated process wastewater, sanitary wastewater and stormwater, one outfall which discharges fire water and stormwater and five outfalls which discharge stormwater only. All outfalls discharge directly to the Mississippi River with the exception of Outfall 003 which discharges fire water and stormwater to an unnamed ditch tributary to Grassy Lake tributary to Cahokia Canal.

The Illinois EPA has made a preliminary determination to issue permits for the project and has prepared draft permits for review. The Illinois EPA is holding a public comment period and a hearing to accept comments from the public on the proposed issuance of permits for this project, prior to making a final decision on the applications.

The Illinois EPA will hold a public hearing on May 8, 2007 at 7:00 p.m. at the Hartford Elementary School, West 2nd Street in Hartford. The hearing will be held to receive comments and answer questions from the public prior to making a final decision concerning the draft permits. The hearing will be held under the Illinois EPA's "Procedures for Permit and Closure Plans," 35 IAC 166, Subpart A. Lengthy comments and questions should be submitted in writing. Requests for interpreters (including sign language) must be made by April 24, 2007. Any questions about hearing procedures or requests to address special needs should be made to the Illinois EPA, Hearing Officer, Re: ConocoPhillips CORE project, 1021 N. Grand Ave. E., P.O. Box 19276, Springfield, IL 62794-9276, 217/782-5544.

Written comments must sent to the Hearing Officer and be postmarked by midnight, June 7, 2007, unless otherwise specified by the Hearing Officer. Written comments need not be notarized.

Persons wanting more information on the air pollution control permits may obtain copies of the Bureau of Air draft permit, and project summary at <http://www.epa.gov/region5/air/permits/ilonline.htm> (please look under Permits (Sorted By Type): All Permit Records, PSD, New). The draft permits and applications can also be obtained from the Hartford Public Library, 143 West Hawthorne Street in Hartford, IL and the Illinois EPA's offices at 2009 Mall Street in Collinsville, 618/346-5120 and 1340 North Ninth St., Springfield, 217/782-7027 (for either location please call ahead to assure that someone will be available to assist you). Copies of the documents will be made available upon request. For information or requests about the applications or draft permits, please contact: Brad Frost, Community Relations, Illinois EPA, 1021 N. Grand Ave. E., P.O. Box 19506, Springfield, IL 62794-9506, 217/782-2113 or 217/782-9143 TDD.

The proposed changes would result in increases in emissions of carbon monoxide (CO) and volatile organic material (VOM) that exceed the thresholds established for a major modification under the federal rules for Prevention of Significant Deterioration (PSD, 40 CFR 52.21) and the state rules for Major Stationary Source Construction and Modification (MSSCAM, 35 IAC Part 203), respectively. Therefore, new and physically modified units associated with this project are subject to the Best Available Control Technology (BACT) for CO and Lowest Achievable Emission Rate (LAER) for VOM. For BACT, ConocoPhillips has proposed a CO Heater on Fluidized Catalytic Cracking Units (FCCU) 1 and 2, High Temperature Regeneration and CO Promoter for FCCU 3, and good combustion practices and good operating practices for other units. For LAER, a leak detection and repair program, internal floating roofs with double seals for gasoline, ethanol and diesel tanks, and good combustion practices for combustion units are proposed. The Illinois EPA's initial review concludes that these measures and other proposed control measures will provide BACT and LAER for the project.

Under MSSCAM rules, ConocoPhillips must also obtain 1.15 tons of VOM emission offsets for each ton of VOM emissions increase from the project. As a result, ConocoPhillips must obtain and maintain approximately 440 tons of VOM emission offsets from other sources in the St. Louis, Missouri/Metro-East, Illinois nonattainment area. The air quality analysis submitted by ConocoPhillips for this project shows that it will not cause a violation of the National Ambient Air Quality Standards (NAAQS) for CO.