

## PROJECT SUMMARY

### I. INTRODUCTION

A construction permit application has been submitted by ExxonMobil for an asphalt railcar loading operations. The project will enable the refinery to distribute asphalt material product via railcars, an alternative form of transportation allowing greater reliability during winter operations. The conditions in the proposed permit for the project are based on the project not being a major modification under 35 IAC Part 203, Major Stationary Sources Construction and Modification (MSSCAM). The proposed permit conditions include emission limitations, monitoring requirements, recordkeeping requirements, and reporting requirements.

### II. SOURCE DESCRIPTION

ExxonMobil operates a petroleum refinery located in Joliet, Illinois, Will County. Will County is designated as attainment for all pollutants except ozone, which is designated as severe nonattainment.

Currently, the refinery produces asphalt material and distributes the product via barges or through tanker trucks. When the river freezes, barge traffic may be shutdown. This project will enable the refinery to continue to distribute asphalt material product via railcars, a more reliable form of transportation in the winter. This project will also allow for greater flexibility in asphalt distribution options year-round.

This operational flexibility will result in an increase in asphalt distribution. Additional control measures will also be added as part of this project to reduce emissions from the rail car loading rack and an existing asphalt material tank.

Emissions from this project will result from the loading losses at the railcar loading rack, fugitive leaks associated with new components, and working losses due to increased throughput at the asphalt storage tanks.

### III. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standards for sources of volatile organic material. This site readily complies with all applicable Board standards.

### IV. PROPOSED PERMIT

The conditions of the permit would contain limitations and requirements that are intended to assure that this project will not trigger the requirements of MSSCAM. The permit conditions establish appropriate compliance procedures, including monitoring requirements, recordkeeping requirements, and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the refinery is operating within the limitations set by the permit.

V. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a construction permit for this project. Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit.

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