

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
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Project Summary for an Application from
Buckeye Terminals, LLC for a
Federally Enforceable State Operating Permit (FESOP) Renewal for
18264 North U.S. Highway 45
Effingham, Illinois

Site Identification No.: 049802AAB
Application No.: 98030053

Schedule

Public Comment Period Begins: February 13, 2013
Public Comment Period Closes: March 15, 2013

Illinois EPA Contacts

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I. INTRODUCTION

Buckeye Terminals, LLC has applied for a renewal of its Federally Enforceable State Operating Permit (FESOP) for its bulk gasoline terminal located at 18264 North U.S. Highway 45, Effingham, Effingham County location. This plant requires an air pollution control operating permit because it is a source of emissions. The Illinois EPA has prepared a draft of the renewed permit that it would propose to issue for the plant. However, before renewing the permit, the Illinois EPA is holding a public comment period to receive comments on this proposed action and the terms and conditions of the draft permit that it would propose to issue.

II. SOURCE DESCRIPTION

Buckeye Terminals, LLC is a bulk gasoline terminal. The emission units at this plant that require an operating permit include storage tanks, associated pumps, and truck loading rack equipment. These units are sources of emissions because volatile organic material is emitted to the atmosphere from the storage operations and the loading operations at this facility.

III. GENERAL DISCUSSION

Federally Enforceable State Operating Permits (FESOPs) are federally enforceable, that is, the terms and conditions of the permits can be enforced by USEPA under federal law, as well as by Illinois government and the public under state law. These permits can establish federally enforceable limitations on the operation and emissions of a source that restrict the potential emissions of the source.

The source has been operating this plant under a FESOP because the actual emissions of the plant are below the levels at which the plant would be considered a major source under Title V of the federal Clean Air Act. However, in the absence of federally enforceable limitations, the plant's potential emissions would be such that the plant would be considered a major source. The permit acts to restrict the plant potential emissions so that it need not be considered a major source. As a result, the source does not need not obtain a Clean Air Act Permit Program (CAAPP) permit for the plant, as would otherwise be required.

The FESOP limits the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs).

IV. APPLICABLE EMISSION STANDARDS

All emission units in Illinois must comply with state emission standards adopted by the Illinois Pollution Control Board. These emission standards represent the basic requirements for sources in Illinois. Illinois has specific regulations (35 Ill. Adm. Code 215.582) regulating bulk gasoline terminals. Also there are federal regulations 40 CFR 60 Subpart Kb governing Storage Vessels for Petroleum Liquids and 40 CFR Part 63 Subpart BBBBBB regulating Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline

Facilities. The application shows that the plant is in compliance with applicable state and federal emission standards.

V. CONTENTS OF THE PERMIT

The renewed permit that the Illinois EPA is proposing to issue would continue to identify the specific emission standards that apply to the emission units at the plant. As explained, the loading rack and storage tanks are subject to 35 Ill. Adm. Code 215 Subpart Y requirements and practices for storage and loading operations, 40 CFR 60 Subpart Kb governing Storage Vessels for Petroleum Liquids and 40 CFR Part 63 Subpart BBBBBB regulating Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities which requires control equipment and operation practices. The conditions of this permit are intended to ensure that the source continues to comply with applicable emission standards.

The permit would also contain limitations and requirements to assure that this plant is operated as a non-major source. The permit would limit the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs.

The permit conditions would also continue to require appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The source must carry out these procedures on an on-going basis to demonstrate that the plant is being operated within the limitations set by the permit and the plant's emissions are being properly controlled.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the source has met the requirements for renewal of its permit. The Illinois EPA is therefore proposing to renew the permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 IAC Part 166.