

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
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Project Summary for an Application from
Omega Partners Hartford LLC for a
Construction and Revised Operating Permit for
Their facility located at 1402 South Delmar,
Hartford, Madison County, Illinois

Site Identification No.: 119050AAD
Application No.: 12120038

Schedule

Public Comment Period Begins: March 27, 2013

Public Comment Period Closes: April 26, 2013

Illinois EPA Contacts

Permit Analyst: German Barria

Community Relations Coordinator: Brad Frost

I. INTRODUCTION

Omega Partners Hartford, LLC has applied for a Construction Permit and requested revision to their Federal Enforceable State Operating Permit (FESOP) for the plant located at Hartford, Illinois. 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 Construction Permit that it would propose to issue for the plant. The revised Federal Enforceable State Operating Permit cannot be issued until the testing required in the proposed Construction Permit is successfully performed. However, before issuing the Construction 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

Omega Partners Hartford, LLC is a petroleum terminal that storage and distributes petroleum liquids. The emission units at this plant that require an operating permit include the six crude oil storage tanks with external floating roofs (EFR), the one marine loadout operation with marine rack vapor combustion unit (VCU), the one railcar loadout station controlled by the existing truck loadout rack vapor combustion unit (VCU), the two natural gas-fired boilers (Boilers 1 and 2), and modification to existing tanks. These units are sources of emissions because the storage tanks working losses, breathing losses, vapor combustion units emissions, roof landing events, and combustion of natural gas in the boilers. These units are source of VOM, NO_x, CO, PM, SO₂, and hazardous air pollutants (HAP) which are emitted to the atmosphere.

III. GENERAL DISCUSSION

The source is to operate this plant under the proposed Construction Permit and the existing Federally Enforceable State Operating Permit (FESOP) and then apply for an appropriate revised Operating Permit based on the results of the testing.

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. There are specific regulations for testing of air pollution emissions for both VOM and HAP. This permit requires compliance with these regulations.

V. CONTENTS OF THE PERMIT

The Construction Permit that the Illinois EPA is proposing to issue would identify the specific emission standards that apply to the new and modified emission units at the plant. As explained, the VOM emissions are subject to 35 Ill. Adm. Code 219.121, 219.122, 219.142, and 219.776 which address organic emissions for these units. The Boilers 1&2 are subject to the New Source Performance Standards (NSPS) for Small Industrial - Commercial – Institutional Steam Generating Units, 40 CFR 60, Subparts A and Dc. The Storage Tanks are subject to the New Source Performance Standards

(NSPS) for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, 40 CFR 60, Subparts A and Kb. The conditions of this permit are intended to ensure that the source comply with applicable emission standards.

The permit conditions would also 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 issuance of the Construction Permit. The Illinois EPA is therefore proposing to issue the permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions of 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 Ill. Adm. Code Part 166.