



## REGISTER NOTICE

SAN # 2000-23

1. TITLE OF THE REGULATIONS:

Amendment to Regulation No. 24 Control of Volatile Organic Compounds Emissions

2. BRIEF SYNOPSIS OF THE SUBJECT, SUBSTANCE AND ISSUES:

Regulation 24 establishes emission standards for sources emitting volatile organic compounds (VOCs). VOC emissions are precursors to the formation of ozone and Delaware does not meet the federal air quality standards for ozone. This amendment proposes to add a new section, Section 46, to control the emissions of VOCs from lightering operations that occur in the waters of the State. Lightering is the process where the draft of large ocean going vessels is reduced by bulk transfer of cargo (usually crude oil) from the ocean going vessels to smaller service vessels. This reduction in draft is necessary for the ocean going vessel to be able to proceed upriver. In 2002, more than 1,836 tons of VOCs were emitted during lightering operations. Lightering operations represented the largest stationary VOC emission source in Delaware.

Some of the VOCs emitted during lightering operations are also classified as hazardous air pollutants (HAPs). It was estimated that in 2002 nearly 200 tons of HAPs were emitted during lightering operations. These HAPs include benzene, toluene, xylenes, ethyl benzene and various polycyclic aromatic hydrocarbons (PAHs). Benzene is a known human carcinogen and benzo(a)pyrene, a PAH, has been classed as a probable human carcinogen. Exposure to the other HAPs can have a non-cancer impact on the public health, safety and welfare. The emissions of these HAPs will also be reduced under this amendment.

3. POSSIBLE TERMS OF THE AGENCY ACTION: None

4. STATUTORY BASIS OR LEGAL AUTHORITY TO ACT: 7 Delaware Code, Chapter 60

5. OTHER REGULATIONS THAT MAY BE AFFECTED BY THE PROPOSAL: None

6. NOTICE OF PUBLIC COMMENT:

Statements and testimony may be presented either orally or in writing at a public hearing to be held on Monday, December 4, 2006 beginning at 6:00PM in the DNREC auditorium at the Richardson and Robbins Building, 89 Kings Highway, Dover DE. Interested parties may submit comments in writing to: Jim Snead, Air Quality Management Section, 715 Grantham Lane, New Castle, DE 19720.

7. PREPARED BY:

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September 25, 2006

Name/Phone #

Date