TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER m: MONITORING REQUIREMENTS

PART 249
ETHYLENE OXIDE AMBIENT AIR MONITORING

Section

AUTHORITY: Implementing Section 9.16, and authorized by Sections 27 and 28, of the Environmental Protection Act [415 ILCS 5/9.16, 27; and 28].

SOURCE: Adopted in R20-18 at 45 Ill. Reg.1696, effective January 25,2021.

Section 249.100 Purpose

The purpose of this Part is to set forth the manner in which the Agency must conduct ambient air monitoring of ethylene oxide in accordance with the requirements in Section 9.16 of the Environmental Protection Act [415 ILCS 5/9.16].

Section 249.105 Monitoring Locations

The Agency must monitor ethylene oxide levels in the ambient air in or around the following locations in Illinois under the requirements of Section 249.110:

a) Northbrook;

b) Schiller Park;

c) Nilwood;

d) Alton; and

e) Bondville.

Section 249.110 Ethylene Oxide Ambient Air Monitoring Requirements

a) The Agency must conduct ambient air monitoring for ethylene oxide in or around each location specified in Section 249.105 for a period of six consecutive calendar

months. During that time frame, the Agency must collect a sample every 12 days. Each sample must be collected over a period of approximately 24 hours.

b) The six-month monitoring period must commence no later than one year after January 25, 2021.

c) The Agency must comply with all applicable USEPA regulations and guidelines for ambient air monitoring.

Section 249.115 Monitoring Results

The Agency must make the ethylene oxide ambient air monitoring results publicly available on the Agency's website within 30 days of receipt of each set of quality assured data.

Section 249.120 Sunset Provisions

The provisions of this Part will no longer apply 24 months after January 25, 2021.