

III. AIR QUALITY

A. Federal Clean Air Act

The Clean Air Act¹⁸ (CAA) is a comprehensive and complex piece of environmental legislation. The 1990 amendments to the CAA require sources which may cause pollution to obtain operating permits. These permits include a comprehensive statement of the pollution source's CAA obligations regarding emission limits, fee requirements, inspection, monitoring, and reporting duties. Violators are exposed to administrative compliance orders and federal court injunctions.

Under the 1990 CAA amendments, all criminal penalties are felonies. Fines of up to \$250,000 per day may be imposed on individuals and up to \$500,000 per day on corporations. Prison terms of up to five years may be imposed. Subsequent violations may result in the doubling of sanctions. Knowing endangerment offenses for the release of hazardous air pollutants may subject individuals to fines of up to \$250,000 with jail sentences of up to 15 years, and corporations may be fined up to \$1,000,000.

¹⁷ NEB REV. STAT. § 84-917 (1994).

¹⁸ 42 U.S.C. § 7401 *et seq.* (1994).

Negligently releasing hazardous air pollutants can subject the polluter to fines of up to \$250,000 and one year in jail if the polluter knows that the actions will place another person in imminent danger of death or serious bodily injury. Making false statements on reports or tampering with monitoring devices may result in fines up to \$250,000 per day and jail terms of up to two years.

In April of 1994, EPA announced a reward program for citizens who report companies that violate the CAA. Rewards of up to \$10,000 may be awarded to citizens whose information results in a criminal conviction or fine under the CAA.

The overall objective of the CAA is to protect human health, welfare, and the environment by maintaining and improving the quality of the air through the development of standards. Standards controlling ambient air emissions from farming practices like prescribed burning are geographically specific within each State Implementation Plan (SIP). The SIP may also provide visibility standards. Locations which the National Ambient Air Quality Standards designate as air non-attainment areas are subject to more restrictions.

Finally, grain terminal elevators having a permanent storage capacity of more than 2.5 million bushels and grain storage elevators with a permanent storage capacity of more than one million bushels, including their loading and unloading facilities, are governed by regulations controlling discharge of gases and grain loading and unloading emissions.

Currently, the CAA has no application to the problem of odor, which is a common complaint regarding agricultural facilities. Odor problems are usually handled under state nuisance laws or other state environmental laws or local ordinances. However, livestock producers must stay informed of changes in the CAA which might affect them in the future. For example, regulations have been proposed which would prohibit dust from remaining in the air beyond the property on which it originates. A strict interpretation of this regulation could subject combining, disking, or other farm and ranch operations to the provisions of the CAA.

Producer Note: While most agricultural operations are not air pollution sources under the CAA, complaints concerning odor and dust resulting from agricultural operations may be made. These complaints normally come in the form of actions filed under state law against an agricultural producer for nuisance.

B. State Air Quality Laws and Regulations

Air quality is regulated in Nebraska under the Environmental Protection Act,¹⁹ the same statute which governs water quality and solid wastes. The general administrative and enforcement requirements contained in the Act and its regulations are the same for all three types of pollution. There are also specific provisions for the air quality programs the Act

¹⁹ NEB. REV. STAT. § 81-1501 *et seq.* (1994 & Supp. 1996).

establishes. However, agricultural activities have no special air quality requirements, and few agricultural operations will have air pollutant emissions subject to regulation under the Act. On-farm incinerators and grain elevators may be exceptions.

Producer Note: If an operation has an incinerator or a grain elevator, an operator should contact DEQ to determine if air quality requirements will affect the operation.

²⁰ 42 U.S.C. § 6901 *et seq.* (1994).