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**Management of Manure Odors**



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# Management of Manure Odors

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**Keywords:** Manure, Odors, (Waste)

## 1 Purpose and scope

**1.1** Principles of odor generation, emission, transport, and detection are the subject of continuing investigation. Many aspects of the relevant processes are not completely understood at this time. Decisions relating to odor management therefore represent judgments based upon available knowledge.

**1.2** Animal manure odors are presently considered a nuisance. It is believed that the odors have no effect on human health but the possibility is being investigated. Eliminating all odors around animal enterprises is generally not economically feasible, but odor generation and nuisance may be addressed by applying best management practices as outlined in this document.

**1.3** This Engineering Practice is prepared to assist engineers, pollution control officials, land use planners, and animal producers in the location, planning, construction, and operation of animal holding and production enterprises so that potential societal conflicts and air quality deterioration caused by manure odors might be managed. Areas covered are: Source and identification of odors, Measurement of odor intensity, Techniques to manage the formation of manure odors and Managing animal enterprises for odor.

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