

Introduction

Decisions made during the design and construction of a manure storage are critical to the environmental risk associated with such a facility. Sound decisions relative to siting a facility and selection of soil materials to be used in the liner of an earthen structure are essential to minimizing the environmental impact of a storage structure. It is important to obtain good advice relative to these critical geological and engineering issues. In many circumstances, the services of a professional engineer or consultant should be used to address these questions. The following lesson provides an overview of these issues. In addition, producers can evaluate their own existing or proposed facility with the aid of the Environmental Stewardship Assessment for design and construction (Appendix C, Lesson 20).