United States Department of Agriculture

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Conservation Practice Overview

Waste Separation Facility (Code 632)

A solid/liquid waste separation facility is a filtration or screening device, settling tank, settling basin, or settling channel used to separate a portion of solids from a liquid waste stream.

Practice Information

This practice applies where solid/liquid separation will—

- Remove solids from the liquid waste stream and allow further treatment processes to be applied to the separated materials.
- Reduce problems associated with solids accumulation in liquid storage facilities.
- Reduce solids in stored liquids so liquids can be recycled for other uses.
- Reduce solids in stored liquids to better facilitate land application of liquids for irrigation.
- Assist with partitioning nutrients in the waste stream to improve nutrient management.

The type of solid/liquid separation facility that is selected will depend on the separation efficiency needed, the available space, and the planned use of the separated material.

This practice will be part of an agricultural waste management system plan.

This practice has a minimum expected life of 15 years. Operation and maintenance of the facility will depend upon the type of system that is selected.

Common Associated Practices

A solid/liquid waste separation facility is commonly applied with other conservation practices such as NRCS Conservation Practice Standards Waste Storage Facility (313), Waste Transfer (634), Composting Facility (317), and Anaerobic Digester (366).

For further information, contact your local NRCS field office.

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