



Conservation Practice Overview

October 2020

Irrigation Ditch Lining (Code 428)

An irrigation ditch, canal, or lateral, lined with an impervious material or a chemical treatment.

Practice Information

An irrigation ditch lining practice may be applied as part of a resource management system to achieve improved conveyance of irrigation water, prevent waterlogging of land, maintain water quality, prevent erosion, reduce water loss, and reduce energy use.



This practice applies to constructed ditches that are subject to erosion or excessive seepage and are integral parts of an irrigation water distribution or conveyance system.

An irrigation ditch lining practice applies where water supplies and irrigation deliveries for the area served are sufficient to make irrigation practical for the crops to be grown and the irrigation water application methods to be used.

This practice does not apply to natural streams

An irrigation ditch lining will require maintenance over the expected life of the practice.

Common Associated Practices

Conservation Practice Standard (CPS) Irrigation Ditch Lining (Code 428) is commonly applied with CPSs such as Irrigation Water Management (Code 449), Irrigation System, Microirrigation (Code 441), Sprinkler System (Code 442), Irrigation System, Surface and Subsurface (Code 443), Irrigation Storage Reservoir (Code 436), Water Well (Code 642), Structure for Water Control (Code 587), and Irrigation Canal or Lining (Code 320).

For further information contact your local NRCS field office.