

Structure For Water Control

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 587



DEFINITION

A structure for water control is a structure in a water management system that conveys water, controls the direction or rate of flow, or maintains a desired water surface elevation.

PRACTICE INFORMATION

These structures are normally installed in a well planned irrigation or drainage system. However, the structures may be part of a wildlife project or some type of recreation plan that involves water conveyance, flow control, or water level regulation. This practice covers the planning and functional design of the needed water control structures,

but not the detailed design or construction specifications for specific structures.

These structures are used in water management to control the stage, discharge, distribution, delivery, or direction of flow in open channels or water use areas. The structures installed under this practice may also be used to improve water quality by reducing sedimentation or to regulate water temperatures for fish production.

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.