

Client Guidelines:

Irrigation Works Management Plan Support

A. Purpose

This guideline describes how the Ministry of Agriculture will assist an irrigation district to establish or update an Irrigation Works Management Plan (IWMP).

B. Infrastructure Identification, Assessment and Valuation

1. The ministry offers asset management services to support irrigation districts with Irrigation Works Management Plans. The ministry may inspect irrigation infrastructure and quantify the condition, estimated life, location and replacement value of the assets within an irrigation district.
 - a. A rating system developed by the ministry provides a consistent and fair measure of the condition, frequency of failure and the consequence of failure for the assets.
 - b. From the collected information, the ministry can determine and give a priority rating for each asset to help the irrigation district plan for future rehabilitation and replacement of the irrigation assets.
 - c. Using the irrigation infrastructure cost data previously collected and inquiries from suppliers, the ministry can provide an estimate of the replacement value of the irrigation district assets.
2. The irrigation district may also hire an independent third party to complete an infrastructure assessment, replacement valuation and priority rating for future rehabilitation and replacement of the irrigation assets.

C. Authority

The following sections of *The Irrigation Regulations, 2020* (effective March 20, 2020) apply to these guidelines:

- Section 19(1) outlines the information required within the Irrigation Works Management Plan.

D. Definitions

Irrigations Works Management Plan: a plan for the renewal and replacement of the irrigation district's irrigation works based on the projected useful life of the irrigation works.

Irrigation works: the facilities used in the operation of an irrigation district, including dykes, dams, weirs, drains, ditches, canals, pipelines, culverts, pipes, pumps, pump stations, water control works, water supply works and any other thing and the land on which the irrigation works are located.

E. General

The Irrigation Works Management Plan is a tool to help manage infrastructure condition assessments, funding requirements and prioritize rehabilitation and replacement activities.

The goal of completing an Irrigation Works Management Plan is to monitor the state of the district's infrastructure and plan for short- and long-term rehabilitation and replacement. Continual monitoring and assessment will help inform district investment requirements for their irrigation replacement fund. The goal is self-sustaining irrigation districts that are financially independent and successful.

Visit the Ministry of Agriculture [irrigation webpage](#) for more information or contact Crops and Irrigation in Outlook at 306-867-5500.