

RIVERS DAM GATED CONDUIT REHABILITATION

Purpose and Need

The Rivers Dam is on the Little Saskatchewan River and located to the east of the Town of Rivers in the R.M. of Riverdale. The dam and the reservoir were constructed between 1958 and 1960 by the Prairie Farm Rehabilitation Administration.

The dam consists of an earthfill embankment with a gated riparian conduit and adjacent fixed crest concrete chute spillway.

The riparian conduit allows for passage of riparian flows in the Little Saskatchewan River downstream of the dam when the spillway is not operating (i.e. when the reservoir level is below the crest of the spillway).

In late June 2020, two large rainstorm events resulted in more than 130 mm (5 inches) of rain in western Manitoba and led to record flooding on the Little Saskatchewan River. Shortly after the rainstorm events, record flows and levels were present at the Rivers Dam.

Status

A contract for rehabilitation of the gated conduit was awarded to Minty's Moving Ltd. in July 2023, with work to include:

- Demolition and removal of stilling basin walls and slabs
- Placement of new reinforced concrete
- Installation of new upstream and downstream slide gates
- Channel grading and rip rap placement

As per the terms of the contract, riparian flow through the gated conduit was to have been restored by October 31st, 2023. Due to difficulties encountered during construction, the project is currently behind schedule. The contractor continues to work diligently, and riparian flow is estimated to be restored before January, 2023.

Gated Conduit

