

# KRUGERSDRIFT DAM SCHEME

## LOCATION

The Krugersdrift Dam Scheme is located on the Modder River downstream of Krugersdrift Dam (quaternary C52G).

## DESCRIPTION

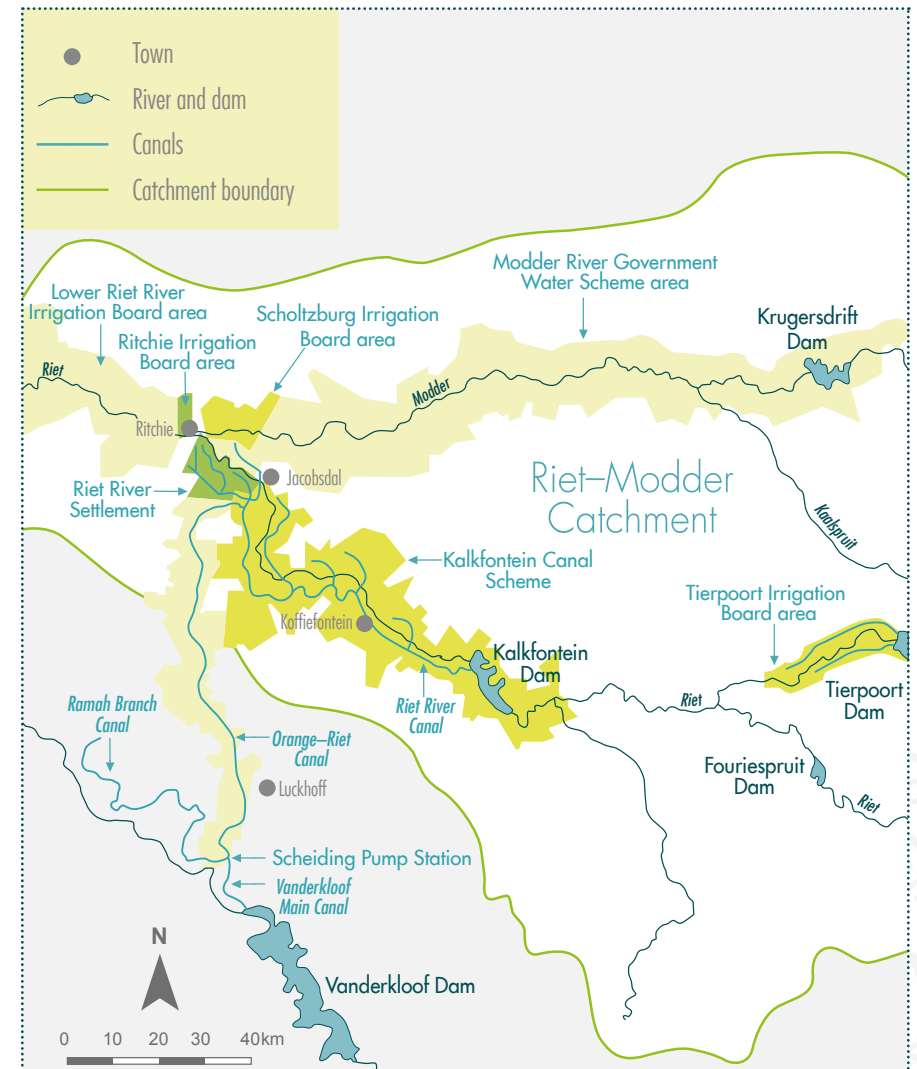
The scheme consists of Krugersdrift Dam, on the Modder River, as well as approximately 55 storage weirs along the lower Modder River.

## PHYSICAL INFORMATION

The Krugersdrift Dam is the only dam in the scheme. It has a full supply capacity of 73 million m<sup>3</sup>, a wall height of 3,114 m and length of 4,820 m. The spillway capacity of the dam is 4,820 m<sup>3</sup>/s. (The capacities of the weirs vary in size from 5,000 m<sup>3</sup> to 1 million m<sup>3</sup>.)

## PURPOSE

The scheme supplies water to the Modder River Government Water Scheme, which is located further downstream of the dam, for irrigation purposes. Water is abstracted from the weirs located on the Modder River.



Krugersdrift Dam Scheme (adapted from ORASECOM, 2007a)