

# TILDA VIJJOEN DAM

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE
22° 26' 47" S	18° 57' 23" E

## LOCATION

The Tilda Viljoen Dam is located next to (off-channel) the Black Nossob River in quaternary catchment D43A in Namibia.

## DESCRIPTION

The Tilda Viljoen Dam is a rockfill dam with a concrete outlet.

## PURPOSE

Domestic water supply to Gobabis.

## PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m <sup>3</sup> )	FSA (km <sup>2</sup> )	Owner	Wall height (m)	Wall length (m)
Tilda Viljoen	Black Nossob	D43A	1.25	0.19	NamWater	14	630

\* NamWater correspondence, 2013

Sources: Personal communication with Hanjörg Drews, NamWater; ORASECOM, 2007

Year of completion	Demands/abstractions (million m <sup>3</sup> /a)			95% assured yield (million m <sup>3</sup> /a)	Maximum spillway capacity (m <sup>3</sup> /s)
	Domestic	Irrigation	Other		
1964	Unknown	Unknown	Unknown	Unknown	+/-10



Tilda Viljoen Dam (source: www.gobmun.com)

## OPERATING RULE

The Tilda Viljoen, Daan Viljoen and Otjivero dams are operated as a sub-system, known as the Molopo Sub-system Namibia. The operating rule for this sub-system allows the dams to supply the demands imposed upon them until the dams reach their respective minimum operating levels. Tilda Viljoen Dam is not on a river. Daan Viljoen Dam's water is transferred to Tilda Viljoen Dam.

