

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE		
22° 26′ 46.97″ S	18° 57′ 23.01″ E		

LOCATION

The Tilda Viljoen Dam is located in the Black Nossob River in quaternary catchment D43A in Namibia.

DESCRIPTION

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

PURPOSE

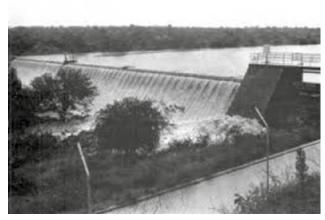
Domestic water supply to Gobabis.

PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m³)	SA (km²)	Owner	Wall height (m)	Wall length (m)
Tilda Viljoen	Black Nossob River	D43A	1.25	0.19	NamWater	14	630

Details from NamWater and ORASECOM 001/2007)





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



TILDA VILJOEN DAM

Year of	Demands/abstractions (million m³/a)			1:50 yield (million	Maximum spillway capacity (m³/s)
completion	Domestic	Irrigation	Other	m³/a)	capacity (m³/s)
1964	Unknown	Unknown	Unknown	Unknown	+/-10

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 Dams's water is transferred to Tilda Viljoen Dam.

