

TILDA VIJJOEN DAM

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 m ³) | SA (km ²) | 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 VIJJOEN DAM

| Year of completion | Demands/abstractions (million m ³ /a) | | | 1:50 yield (million m ³ /a) | Maximum spillway capacity (m ³ /s) |
|--------------------|--|------------|---------|--|---|
| | Domestic | Irrigation | Other | | |
| 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.

