



KOPPIES DAM

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE
27° 15' 29" S	27° 40' 27" E

LOCATION

Koppies Dam is located on the Renoster River, South Africa, in quaternary catchment C70C.

DESCRIPTION

Koppies Dam has a gravity concrete wall with earthfill flanks. It has a full supply level of 1,412.4 m and a dead storage level of 1,408.0 m. The bottom of the reservoir is at 1,406.5 m.

PURPOSE

Koppies Dam is used to supply irrigation demands.

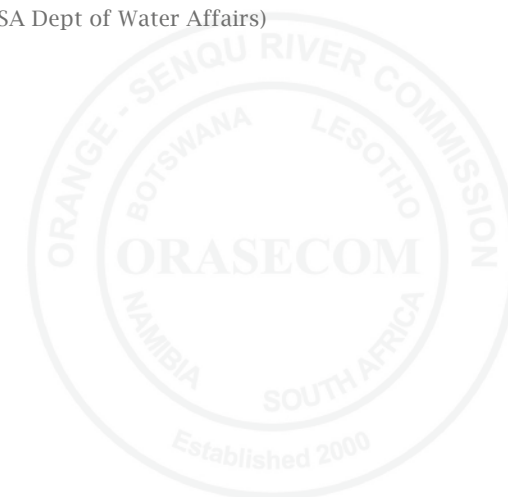
PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m ³)	FSA (km ²)	Owner	DWA code	Wall height (m)	Wall length (m)
Koppies	Renoster	C70C	41.05	13.62	DWA	C7R001	25	2,309

* Live full supply capacity (SANCOLD, 2009)



Koppies Dam (source: SA Dept of Water Affairs)



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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		
1918	Unknown	4.60 †	Unknown	9.80 ‡	1,420

† DWA, Directorate of Hydrological Services correspondence, 2012

‡ DWA 2002a to e

OPERATING RULE

The Koppies Dam operating rule allows for the dam to supply its demands until it reaches its defined minimum operating level.

