

HEYSHOPE–GROOTDRAAI TRANSFER



Grootdraai Dam (source: SA Dept of Water Affairs)

LOCATION

This transfer occurs from Heyshope Dam in the Upper Usutu catchment to the Grootdraai Dam in the Upper Vaal Water Management Area.

DESCRIPTION

The Heyshope–Grootdraai Transfer consists of the Heyshope Dam, the Geelhoutboom Balancing Dam, pumps and canals. Water is pumped from Heyshope Dam into the Heyshope Canal and on to the Geelhoutboom Balancing Dam. From there it is pumped into Morgenstond Dam via a canal and to the Balmoral Canal. From the Balmoral Canal, water is transferred into the Little Vaal River and on to Grootdraai Dam. The capacity is currently limited to 3.8 m³/s by the pumping station and rising mains. Refer to the integrated schematic and the schematic of the Upper Vaal catchment.

PURPOSE

The main purpose of this transfer system is to support Grootdraai Dam for supply to the Sasol–Secunda complex as well as Eskom power stations in the Upper Olifants catchment.

