

BOSKRANS WASTE WATER TREATMENT WORKS UPGRADE

SUMMARY OF WORKS	
Type of Works	Waste Water Treatment Works
Location of Works	Mpumalanga
Size of Works (M&D)	20ML/D
Date of Award	26 May 2010
Date of Completion	29 May 2013
Completion Value (Including VAT)	R 27,573,352.43
Client	Steve Tshwete Local Municipality
Conditions of Contract	GCC

The Boskrans Waste Water Treatment Works is located on the outskirts of Middelburg in Mpumalanga, South Africa.

The contract involved extension to the capacity of the existing Boskrans Waste Water Treatment Works by means of the addition of a new 20ML/day BNR module and associated works.

5 off 90kW vertical shaft fixed aerators

5 off 110kW vertical shaft fixed aerators



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8 off vertical shaft mixers



1 off Dissolved Air Flotation system



6 off axial flow internal recycle pumps



3 off Return Activated Sludge self-priming pumps



6 off 45kW vertical shaft floating aerators



1 off dewatering system (complete with filter belt press, polyelectrolyte dosing, pumps and compressed air system)



1 off filter belt press (replacement of existing which failed during the execution of the contract and was added to the scope of works as a variation order)



1 off dewatering system (complete with filter belt press, polyelectrolyte dosing, pumps and compressed air system)



Pumps, pipes, valves, adjustable weirs, sluice gates and handstops

Electrical switchboards and cabling