

UPPER ORANGE WMA

Name of wastewater treatment works	Position	Peak rated design flow capacity (ME/day)	Treatment process description	Effluent disposal process
Aliwal North STW	Unknown	Unknown	Biological filters	Unknown
Bainsvlei	West of Bloemfontein	5.00	Biofilters and activated sludge	Discharge into stormwater balancing dams draining the Modder River
Bloemfontein: Bloemspruit Airforce Base STW	West of Bloemfontein	0.55	Conventional	Unknown
Bloemfontein: Bloemspruit STW	29° 07' 24" S; 26° 16' 51" E	57.00	Biofilters and activated sludge	Discharge into the Bloemspruit
Bloemfontein: Langenhovenpark STW	Unknown	5.00	Biofilters and activated sludge	Unknown
Bloemfontein: Meriting STW	Unknown	1.20	Oxidation ponds	Unknown
Bloemfontein: Noordlike STW	N of Bloemfontein; 29° 02' 43" S 26° 12' 13" E	0.75	Conventional	Unknown
Bloemfontein: South-eastern	On road to Dewetsdorp	30.00	Unknown	Unknown
Bloemfontein: Welvaart STW	W of Bloemfontein; 29° 13' 11" S; 26° 07' 21" E	6.50	Biofilters and activated sludge	Discharge into the Kaalspruit
Botshabelo	Botshabelo	20.00	Unknown	Discharge into the Klein Modder River
Brandfort STW	Unknown	Unknown	Oxidation ponds	No returns
Clarens STW	Unknown	3.60	Unknown	Small returns to Klein Caledon River
Clocolan STW	Unknown	7.20	Oxidation ponds	No returns, used for irrigation
Dealesville STW	Unknown	0.70	Oxidation ponds	No returns
Dewetsdorp STW	Unknown	Unknown	Oxidation ponds	No returns
Edenburg STW	Unknown	Unknown	Oxidation ponds	Reed beds in spruit
Fauresmith STW	Unknown	Unknown	Oxidation ponds	No returns, used for irrigation
Ficksburg STW	Unknown	6.20	Activated sludge	Caledon River
Fouriesburg STW	Unknown	Unknown	Aerators and dams	No returns, used for irrigation
Hobhouse STW	Unknown	Unknown	Oxidation dams	Evaporation
Ikgomotseng STW	Unknown	0.30	Oxidation ponds	No returns
Jacobsdal STW	Unknown	Unknown	Oxidation dams	Evaporation
Jagersfontein STW	Unknown	1.20	Oxidation dams	Some discharge, mainly evaporation
Koffiefontein STW	Koffiefontein	1.80	Heissmann – Vertical	Discharge into the Riet River

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Name of wastewater treatment works	Position	Peak rated design flow capacity (M ² /day)	Treatment process description	Effluent disposal process
Ladybrand STW	Unknown	Unknown	Unknown	Discharge into spruit
Luckoff	Unknown	0.44	Oxidation ponds	No returns
Maseru	Unknown	10.00	Unknown	Discharge into Caledon River
Oppermans STW	Unknown	Unknown	Oxidation ponds	No returns
Philippolis STW	Unknown	Unknown	Oxidation ponds	No returns
Reddersburg STW	Unknown	0.47	Oxidation ponds	Some discharge into spruit
Rosendal STW	Unknown	Unknown	Oxidation ponds	No returns
Rouxville STW	Unknown	Unknown	Oxidation ponds	No returns
Seloshesha STW	Thaba Nchu	6.00	Activated sludge	Discharge into the Sepanespruit
Smithfield STW	Unknown	0.52	Oxidation ponds	Discharge to Groenspruit
Soutpan STW	Unknown	0.04	Oxidation ponds	No returns
Springfontein STW	Unknown	Unknown	Oxidation ponds	No returns
Sterkwater STW	South east of Bloemfontein	10.00	Biofilters and activated sludge	Discharge into the Renosterspruit
Thaba Patchoa STW	Unknown	Unknown	Oxidation ponds	Evaporation dams
Tweespruit STW	Unknown	Unknown	Oxidation ponds	No returns, used for irrigation
Wepener STW	Unknown	Unknown	Oxidation ponds	No returns
Zastron STW	Unknown	Unknown	Conventional	Unknown

WCW: Water care works

STW: Sewage treatment works

Source: DWA, 2002d

