



UPPER ORANGE WMA

Name of waste water treatment works	Position	Peak rated design flow capacity (Mℓ/day)	Treatment process description	Effluent disposal process
Aliwal North STW	Unknown	Unknown	Biological filters	Unknown
Bainsvlei	W of Bloemfontein	5	Biofilters and activated sludge	Discharge into stormwater balancing dams draining the Modder River
Bloemfontein: Bloemspruit STW	29°07'24"S 26°16'51"E	57	Biofilters and activated sludge	Discharge into the Bloemspruit
Bloemfontein: South-eastern	On road to Dewetsdorp	30	Unknown	Unknown
Bloemfontein: Welvaart STW	W of Bloemfontein; 29°13'11"S 26°07'21"E	6.5	Biofilters and activated sludge	Discharge into the Kaalspruit
Bloemfontein: Langenhovenpark STW	Unknown	5.0	Biofilters and activated sludge	Unknown
Bloemfontein: Noordelike STW	N of Bloemfontein; 29°02'43"S 26°12'13"E	0.75	Conventional	Unknown
Bloemfontein: Meriting STW	Unknown	1.2	Oxidation ponds	Unknown
Bloemfontein: Bloemspruit Airforce Base STW	W of Bloemfontein	0.55	Conventional	Unknown
Botshabelo	Botshabelo	20	Unknown	Discharge into the Klein Modder River
Brandfort STW	Unknown	Unknown	Oxidation ponds	No returns
Clarens STW	Unknown	3.6	Unknown	Small returns to Klein Caledon River
Clocolan STW	Unknown	7.2	Oxidation ponds	No returns, used for irrigation
Dealesville STW	Unknown	0.7	Oxidation ponds	No returns
Soutpan STW	Unknown	0.04	Oxidation ponds	No returns
Ikgomotseng STW	Unknown	0.3	Oxidation ponds	No returns
Dewetsdorp STW	Unknown	Unknown	Oxidation ponds	No returns
Edenberg STW	Unknown	Unknown	Oxidation ponds	Reed beds in spruit
Fauresmith STW	Unknown	Unknown	Oxidation ponds	No returns, used for irrigation
Ficksburg STW	Unknown	6.2	Activated sludge	Caledon River
Fouriesburg STW	Unknown	Unknown	Aerators and dams	No returns, used for irrigation
Jacobsdal STW	Unknown	Unknown	Oxidation dams	Evaporation
Hobhouse STW	Unknown	Unknown	Oxidation dams	Evaporation
Jagersfontein STW	Unknown	1.2	Oxidation dams	Some discharge, mainly evaporation

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Koffiefontein STW	Koffiefontein	1.8	Heismann – Verticle	Discharge into the Riet River
Ladybrand STW	Unknown	Unknown	Unknown	Discharge into spruit
Luckoff	Unknown	0.44	Oxidation ponds	No returns
Maseru	Unknown	10	Unknown	Discharge into Caledon River
Oppersmans 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
Selosesha STW	Thaba Nchu	6	Activated sludge	Discharge into the Sepanespruit
Smithfield STW	Unknown	0.52	Oxidation ponds	Discharge to Groenspruit
Springfontein STW	Unknown	Unknown	Oxidation ponds	No returns
Sterkwater STW	SE of Bloemfontein	10	Biofilters and activated sludge	Discharge into the Renosterpruit
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: South African Department of Water Affairs P13000/00/0101: *Water Resources Situation Assessment 2002* using the Water Affairs document *1st Order Strategy to Develop Community Water Supply and Sanitation*.

