

JOHANNESBURG WATER
WASTEWATER TREATMENT WORKS
Cumulative Flow Weighted Compliance with Effluent Standards(20009-10)

			2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	Cumulative
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Flow-weighted
															Compliance
Bushkoppie	Susp. Solids	<=15mg/l	100	94	100	100	100	97	100	96					98
	COD	<=100mg/l	100	100	100	100	100	100	100	100					100
	Ammonia (N)	<=2mg/l	100	74	43	77	27	10	55	36					52
	Nitrate (N)	<=10mg/l	100	100	100	100	100	100	100	100					100
	Phosphate (P)	<=1mg/l	100	97	97	97	100	68	97	71					91
	E. coli	<=1000CFU/ml	70	100	100	100	100	73	67	58					82
	Mean Compliance		95.0	94.1	90.0	95.7	87.8	74.5	86.4	77.0					87
	Influent Flow	MI/d	191	221	207	194	204	203	336	257					227
Influent Flow	MI/m	5926	6855	6219	6002	6131	6288	10427	7206					6882	
Goudkoppies	Susp. Solids	<=15mg/l	94	100	100	100	100	100	100	100					99
	COD	<=55mg/l	100	100	100	100	100	100	100	100					100
	Ammonia (N)	<=2mg/l	97	100	100	100	100	100	100	100					100
	Nitrate (N)	<=10mg/l	97	100	100	100	100	100	100	100					100
	Phosphate (P)	<=1mg/l	97	100	100	97	100	100	97	100					99
	E. coli	<=150CFU/ml	100	100	100	100	100	91	100	92					98
	Mean Compliance		97.3	100.0	100.0	99.5	100.0	98.5	99.5	98.6					99
	Influent Flow	MI/d	142	120	130	125	133	144	133	148					134
Influent Flow	MI/m	4417	3720	3906	3872	3975	4454	4137	4153					4079	
Olifantsvlei	Susp. Solids	<=15mg/l	100	100	100	94	100	100	100	100					99
	COD	<=55mg/l	100	100	100	97	100	100	100	100					100
	Ammonia (N)	<=2mg/l	100	100	100	100	100	100	97	100					100
	Nitrate (N)	<=10mg/l	100	100	100	100	100	100	100	100					100
	Phosphate (P)	<=1mg/l	100	100	100	90	93	100	84	100					96
	E. coli	<=150CFU/ml	100	100	100	100	100	100	100	100					100
	Mean Compliance		100.0	100.0	100.0	96.8	98.9	100.0	96.8	100.0					99
	Influent Flow	MI/d	183	183	204	188	199	197	237	229					203
Influent Flow	MI/m	5673	5671	6121	5822	5981	6118	7343	6413					6143	
All works	Overall compliance (flow-weighted mean) %		97.4	97.5	96.2	97.0	94.9	90.1	92.3	90.3					94
	Influent Flow	MI/d	517	524	542	506	536	544	707	635	0	0	0	0	376
	Influent Flow	MI/m	16016	16246	16246	15696	16087	16860	21907	17772	0	0	0	0	11403
Catchments	Klipriver		97.4	97.5	96.2	97.0	94.9	90.1	92.3	90.3					94