

JOHANNESBURG WATER
WASTEWATER TREATMENT WORKS
Cumulative Flow Weighted Compliance with Effluent Standards(2009-10)

			2011	2011	2011	2011	2011	2011	2011	2012	2012	2012	2012	2012	2012	Cumulative
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	2012	Flow-weighted Compliance
Bushkoppie	Susp. Solids	<=15mg/l	100	100	97	100	100	97	100							
	COD	<=100mg/l	100	100	100	100	100	100	100							
	Ammonia (N)	<=2mg/l	97	94	97	94	97	97	97							
	Nitrate (N)	<=10mg/l	90	97	93	100	100	100	100							
	Phosphate (P)	<=1mg/l	100	97	100	97	97	94	97							
	E. coli	<=1000CFU/ml	100	100	100	100	90	100	100							
	Mean Compliance		97.8	97.8	97.8	98.4	97.2	97.8	98.9							
	Influent Flow	MI/d	189	197	201	191	228	244	244							
	Influent Flow	MI/m	5848	6115	6043	5930	6842	7553	7553							
Goudkoppies	Susp. Solids	<=15mg/l	97	87	100	100	100	100	100							
	COD	<=55mg/l	100	97	100	100	100	100	100							
	Ammonia (N)	<=2mg/l	100	100	100	100	100	100	100							
	Nitrate (N)	<=10mg/l	100	100	100	100	100	100	100							
	Phosphate (P)	<=1mg/l	100	100	100	100	100	100	100							
	E. coli	<=150CFU/ml	92	100	83	100	80	100	100							
	Mean Compliance		98.1	97.3	97.2	100.0	96.7	100.0	100.0							
	Influent Flow	MI/d	118	124	114	115	125	125	125							
	Influent Flow	MI/m	3651	3831	3414	3571	3760	3880	3880							
Olifantsvlei	Susp. Solids	<=15mg/l	100	100	100	100	100	100	100							
	COD	<=55mg/l	100	97	100	100	100	100	100							
	Ammonia (N)	<=2mg/l	100	100	100	100	100	100	100							
	Nitrate (N)	<=10mg/l	100	100	100	100	100	100	100							
	Phosphate (P)	<=1mg/l	100	100	100	100	100	100	100							
	E. coli	<=150CFU/ml	100	92	100	100	100	89	100							
	Mean Compliance		100.0	98.2	100.0	100.0	100.0	98.1	100.0							
	Influent Flow	MI/d	181	182	172	155	180	192	192							
	Influent Flow	MI/m	5612	5646	5148	4790	5392	5949	5949							
All works	Overall compliance (flow-weighted mean) %		98.7	97.8	98.4	99.3	98.0	98.4	99.5							99
	Influent Flow	MI/d	487	503	487	461	533	561	561	0	0	0	0	0	0	299
	Influent Flow	MI/m	15111	15592	14605	14291	15994	17382	17382	0	0	0	0	0	0	9196
Catchments	Klipriver		98.7	97.8	98.4	99.3	98.0	98.4	99.5							99