

City of Johannesburg
 Quarterly Water Quality status of the Klip River catchment



		E.coli	Phosphate	Nitrate	Ammonia	Conductivity	pH	COD	Chloride	Sulphate	Microbiological Index	Chemical Index
BBS3	Silver Lane, Kibler Park	460	0.5	1.1	0.5	29	7.8	29	23	27	Unacceptable	Acceptable
		14 000	0.5	1.3	0.5	31	7.8	29	24	27	Unacceptable	Acceptable
		6 100	0.5	1.2	0.5	27	8.2	29	22	20	Unacceptable	Acceptable
		400	0.5	0.8	0.5	28	7.9	29	22	21	Unacceptable	Acceptable
BPE_G	Bushkoppie Pond Effluent - grab	100	0.7	5.1	0.9	51	7.8	31	49	69	Ideal	Tolerable
		60	0.8	6.1	0.6	48	7.9	32	42	63	Ideal	Tolerable
		520	1.0	7.7	1.5	52	7.9	31	51	59	Unacceptable	Tolerable
		80	0.5	4.5	1.7	50	7.8	32	45	62	Ideal	Tolerable
FLOUT	Florida Lake Outlet, Hamberg Rd	670	0.5	0.5	0.6	19	7.5	32	16	10	Unacceptable	Acceptable
		150	0.5	0.5	0.5	16	7.4	31	14	10	Acceptable	Acceptable
		40	0.5	0.5	0.9	19	7.3	61	17	9	Ideal	Acceptable
		180	0.5	0.5	0.5	21	7.6	31	20	8	Acceptable	Acceptable
GV2	Glenvista Spruit, Cnr Bellairs/oubcher	1 100	0.5	0.8	0.5	35	7.6	29	23	36	Unacceptable	Acceptable
		2 100	0.5	1.0	0.5	30	8.0	31	20	25	Unacceptable	Acceptable
		4 700	0.5	1.4	0.5	36	7.9	29	29	43	Unacceptable	Acceptable
		920	0.5	0.7	0.5	37	8.0	29	26	30	Unacceptable	Acceptable
H2	Harrington Spruit at Union Rd, Eldorado	27 000	1.9	7.0	5.7	63	7.4	70	69	60	Unacceptable	Tolerable
		61 000	2.5	4.6	11.0	65	7.4	64	68	52	Unacceptable	Tolerable
		68 000	1.8	15.0	7.9	67	7.5	84	66	53	Unacceptable	Unacceptable
		84 000	3.4	7.3	13.0	78	7.5	120	65	66	Unacceptable	Unacceptable
HS1	Hamber St Hammerkop Bird Sanctuary Westlake Rd	800	0.5	0.5	0.5	20	7.2	32	15	9	Unacceptable	Acceptable
		5 600	0.5	2.5	0.5	21	7.0	29	16	11	Unacceptable	Acceptable
		970	0.5	0.9	0.5	23	8.1	29	19	9	Unacceptable	Acceptable
		930	0.5	0.7	0.5	22	7.8	29	19	9	Unacceptable	Acceptable
IN3	Klip Sp at Brg Behind Mosque, Maroela St	2 400 000	0.6	0.5	11.0	61	7.0	110	47	75	Unacceptable	Tolerable
		1 200 000	0.5	2.0	7.9	49	6.9	62	29	92	Unacceptable	Tolerable
		86 000	0.5	2.3	0.6	35	7.7	37	40	18	Unacceptable	Acceptable
		860 000	0.5	0.7	5.8	45	6.9	75	39	45	Unacceptable	Tolerable

November,2017 - January 2018	Ideal
February 2018 - April 2018	Acceptable
May 2018 - July 2018	Tolerable
August,2018 - October 2018	Unacceptable

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KR4	Klip River, Living Waters Upstream of Harringtonspruit	61 000	0.5	6.8	1.4	52	7.2	31	39	90	Unacceptable	Acceptable
		20 000	0.5	5.0	0.5	49	7.1	29	33	76	Unacceptable	Acceptable
		2 200	0.5	4.2	1.1	48	7.8	29	35	64	Unacceptable	Acceptable
		2 600	0.5	2.9	2.6	50	7.2	47	36	46	Unacceptable	Tolerable
KR8	Klip River, Lenasia Country Club	880	0.5	7.0	0.5	47	7.2	31	16	58	Unacceptable	Acceptable
		100	0.5	0.6	0.5	33	7.4	29	16	28	Ideal	Acceptable
		260	0.5	1.9	0.5	36	7.7	38	21	34	Tolerable	Acceptable
		82 000	0.6	1.8	1.8	45	7.4	29	23	33	Unacceptable	Acceptable
		4 000	0.5	1.3	2.6	19	7.5	29	19	8	Unacceptable	Acceptable
		420	0.5	1.0	0.5	14	6.7	50	15	7	Unacceptable	Acceptable
NS5	Natalsspruit, Metsep/raay Str	10	0.5	1.4	1.4	62	4.9	180	56	150	Ideal	Tolerable
		40	0.5	1.6	0.5	56	6.4	29	23	150	Ideal	Acceptable
		10	0.5	2.7	0.5	56	7.0	29	26	140	Ideal	Acceptable
		10	0.5	0.9	0.5	48	6.8	32	25	120	Ideal	Acceptable
OAD	Orlando Dam Outlet	2 400 000	2.5	0.5	25.0	68	7.3	210	43	46	Unacceptable	Tolerable
		2 400 000	1.6	0.5	19.0	54	7.0	320	34	32	Unacceptable	Tolerable
		1 900 000	0.9	3.4	7.6	48	7.4	49	42	35	Unacceptable	Tolerable
		510 000	0.9	1.2	8.1	44	7.1	110	35	22	Unacceptable	Tolerable
OPE_G	Olifantsvei Pond Effluent - grab	40	0.5	3.8	0.6	52	8.2		48	67	Ideal	
		50	0.5	3.7	0.5	50	8.0		49	63	Ideal	
		10	0.5	4.6	0.5	54	8.2		51	60	Ideal	
		10	0.5	3.0	1.7	56	8.2		50	72	Ideal	
PIN1	Klip River, Fearick Str, Davidsonville	0	0.5	0.5	6.3	520	2.8	120	30	210	Ideal	Tolerable
		290	0.5	0.5	4.0	370	4.1	58	21	1000	Tolerable	Tolerable
		0	0.5	1.8	2.4	540	3.3	29	32	630	Ideal	Tolerable
		0	0.5	1.0	3.1	410	3.0	70	29	2900	Ideal	Tolerable
RP1	Russell Stream, Lake Rd, Booyens	1 400 000	0.5	2.3	7.2	93	5.3	64	49	160	Unacceptable	Tolerable
		2 400 000	0.5	0.5	7.2	68	6.6	280	55	110	Unacceptable	Tolerable
		2 400 000	3.3	0.5	16.0	79	7.0	790	92	60	Unacceptable	Tolerable
		2 200 000	1.5	0.5	16.0	58	7.0	130	38	79	Unacceptable	Tolerable
RP2	Russell Stream - Crown Mines	1 500 000	0.5	0.5	7.2	60	6.8	50	34	93	Unacceptable	Tolerable
		1 900 000	0.5	0.5	6.7	49	6.9	53	27	86	Unacceptable	Tolerable
		1 000 000	0.5	0.5	7.7	47	6.8	66	31	87	Unacceptable	Tolerable

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SIA19	Baileyspruit at Diepkloof, Immink Street	93 000	0.7	2.3	3.7	37	7.4	39	26	38	Unacceptable	Tolerable
		100 000	0.5	5.7	0.7	36	7.3	37	27	24	Unacceptable	Acceptable
		240 000	0.5	0.8	2.4	37	7.3	88	33	23	Unacceptable	Acceptable
		150 000	0.5	2.2	1.2	35	7.2	30	34	19	Unacceptable	Acceptable
SIA20	Diepkloofspruit above Orlando Dam.	67 000	0.5	5.2	0.7	31	7.2	31	24	17	Unacceptable	Acceptable
		130 000	0.5	3.0	1.1	32	7.0	30	25	12	Unacceptable	Acceptable
		46 000	0.5	6.0	1.6	35	7.5	29	32	10	Unacceptable	Tolerable
		76 000	0.6	2.9	1.4	31	7.0	32	24	13	Unacceptable	Tolerable
SIA8	Tributary of Klipspruit, Nancefield Rd, Moroka	62 000	0.5	8.5	1.2	42	7.3	29	28	37	Unacceptable	Tolerable
		140 000	0.5	3.8	1.1	37	7.2	32	24	29	Unacceptable	Acceptable
		200 000	0.7	4.2	5.6	40	7.5	34	26	19	Unacceptable	Tolerable
		240 000	0.8	0.7	11.0	45	7.3	41	27	21	Unacceptable	Tolerable
SIA9	Klipspruit, Mzilkatzi Rd, Moroka	1 800 000	1.5	6.9	16.0	54	7.3	64	35	24	Unacceptable	Tolerable
		1 800 000	1.2	5.3	13.0	52	7.3	50	33	23	Unacceptable	Tolerable
		1 700 000	2.2	0.5	21.0	60	7.4	120	41	20	Unacceptable	Tolerable
		2 400 000	2.8	0.5	17.0	63	7.0	240	38	24	Unacceptable	Tolerable
SIN1	Klip R. Tiene Crous Prk, Nickellspanner	240	0.5	3.0	2.4	24	7.0	32	22	39	Tolerable	Acceptable
		11 000	0.5	0.8	0.5	18	7.0	29	15	14	Unacceptable	Acceptable
		2 700	0.5	3.5	0.5	20	7.4	29	19	27	Unacceptable	Acceptable
		16 000	0.5	2.3	0.7	19	6.7	46	19	16	Unacceptable	Acceptable
SIN2	Klip River, Buitekant Str, Rdpt West	24 000	1.8	3.0	0.5	47	7.6	29	18	28	Unacceptable	Acceptable
		15 000	0.5	0.6	0.6	32	7.2	42	13	14	Unacceptable	Acceptable
		17 000	0.5	0.6	1.6	48	7.8	29	15	9	Unacceptable	Acceptable
		17 000	0.5	1.3	1.8	44	7.5	29	16	9	Unacceptable	Acceptable
WOUT	Wemmer Pan Outlet	40	0.5	0.5	0.8	48	7.4	29	19	110	Ideal	Acceptable
		1 800	0.5	0.5	0.5	47	7.6	29	19	120	Unacceptable	Acceptable
		8 100	0.5	0.6	0.9	47	7.9	29	21	89	Unacceptable	Acceptable
		90	0.5	0.5	0.6	56	8.0	29	23	140	Ideal	Acceptable

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