



Sample Points	Sample Point Description	Aluminium	Ammonia	Chemical Oxygen Demand	Chloride	Conductivity	Daphnia Toxicity	Dissolved Oxygen	Faecal coliforms	Fluoride	Iron	Magnesium	Manganese	Nitrate	pH	Phosphate	Sodium	Sulphate	Suspended Solids		
1	Russel Stream @ New Canada Road	0.10	12.00	42	49	139			156		10.20		7.60	0.50	6.7	0.10		579	39		
		0.30	13.00	64	54	145			5,100		18.00		4.00	0.50	6.0	0.10			470	43	
		0.50	1.32	17	18	59			12,867		15.33		2.87	1.67	6.5	0.14	20	205	47		
		0.63	9.90	52	33	90			127,000		4.69		4.24	0.43	6.9	0.10	35	306	117		
2	Klip River @ R41	0.30	0.30	26	29	42			1,127		0.30		0.20	0.60	7.0	0.10	24	122	170		
		0.50	0.27	24	30	59			320		0.50		0.39	0.36	7.1	0.10	24	82	308		
		0.63	0.45	44	17	26			250		0.77		0.04	3.90	7.4	0.32	12	53	149		
		0.46	0.46	49	23	48			186		0.40		0.07	1.13	7.1	0.10	20	137	1731		
3	Klip River on N12 s/s EP	0.05	3.20	19	30	58			734,333		0.20		1.60	1.30	7.3	0.50			106	25	
		0.27	27	51	58				6,700						2.20	7.6	0.23	56	52	11	
			0.45	34	46	49				6,800						2.65	7.8	0.40	43	46	21
		0.36	1.80	21	28	55				10,267		0.12		0.08	1.80	7.4	0.30	28	92	11	
4	Harringtonsprit on N12 s/s EP	0.50	3.20	19	30	58			703,400						7.3	0.50			106	11	
			0.57	31	52	65				99					5.97	7.4	0.23	66	89	10	
			2.38	37	51	62				13					21.07	7.5	0.12	20	100	8	
			1.06	35	58	63				19					7.30	7.5	0.23	62.16	70	10	
5	Klip River on Golden Highway		3.00	25	45									2.40	7.3	0.20	49	102	10		
			3.97	20	32	61				135					2.30	7.8	0.13	45	90	14	
			5.53	41	28	44				280					1.87	7.4	0.52	27	85	12	
			0.77	15	36	54				1,370					4.13	7.5	0.27	40	71	10	
6	Klip River in R84, Old Vereeniging Road	0.20	0.70	27	53	58			800		0.20		0.90	4.30	7.4	0.20	53	92	20		
		0.08	0.73	26	46	63				665		0.08		0.56	4.00	7.4	0.20	52	73	42	
		0.13	0.12	28	34	48				1,860		25.00		0.23	2.80	7.5	0.12	34	93	26	
		0.16	0.40	29	44	56				13,380		0.35		0.13	4.83	7.6	0.30	48	70	29	
7	Klip River R59	0.09	0.60	31	50	61			2,057	0.80	0.22	14		5.70	7.6	0.40	52	95	23		
		0.10	0.93	41	48	60				2,220		0.15	13		4.00	7.6	0.33	54	77	39	
		0.13	0.40	21	41	51				25,867	0.20	0.12	13		3.57	7.3	3.57	36	129	45	
		0.08	0.15	36	45	66				1,510	0.20	0.06	7		4.30	7.5	0.25	1	72	34	
8	Elsburgspruit on Brug Road			15	124	254			1,109,667		0.15			1.80	7.3	0.10			12	26	
		0.05	9.13	73	53	88				1,763,000	0.40	1.22	24		0.73	7.3	7.40	48	215	26	
			2.90	59	64	93				770,777	0.23	0.95	16		1.33	6.3	0.30	57	186	40	
			4.00	79	46	117				463,333	0.40	0.79	22		0.80	7.5	0.15	51	387	10	
9	Elsburgspruit on R554 w/s of confluence with Natsalspruit		0.41	20	60	91			550		0.08			1.30	7.3	0.30	67	242	10		
		0.09	4.00	57	87	104				2,350		0.07	30		0.20	6.5	0.10	78	231	24	
		0.07	5.70	33	93	99				2,287	0.42	0.23	24		0.30	7.6	0.87	79	113	10	
		0.13	4.00	36	79	104				7,431	0.35	0.23	24		3.10	7.4	0.45	76	212	13	
10	Bothasfontein 408 South of Waterval STW on Rietspruit Klip River	0.09	3.80	40		89			527			26		4.90	7.4	0.40			173	24	
		0.10	5.77	41		90				423	0.33	23		3.73	7.5	0.77			183	22	
		0.07	1.10	30		74				8,433	0.30		20		2.47	7.5	0.43			110	17
		0.08	3.00	35		78				833	0.30		21		4.95	7.3	0.25	52	101	21	
11	Klip River on Kareekloof	0.09	1.30	44	59	70			114		0.19	17		5.20	7.0	0.40	62	124	24		
		0.17	1.80	47	60	70				380	0.23	0.28	32		4.10	7.7	0.47	47	92	37	
		0.23	0.30	29	46	57				15,833	0.30	0.84	15		2.67	7.5	0.13	53	79	33	
		0.08	1.50	37	55	64				1,303	0.30	0.18	15		3.25	8.0	0.20	59	82	32	
12	Klip River @ Henely Weir		0.90	39	63	70			347		0.30	18		5.10	7.3	0.30	65	45	29		
			1.27	34	63	68				240		0.33	15		4.17	7.3	0.40	49	123	35	
			0.43	29	45	59				11,333		0.67	14		2.53	7.3	0.27	40	105	77	
			0.2	36	63	65				1310		0.2	13.8		3.6	7.9	0.5	59.3	72	29	
13	Houtspruit d/s Mittal Steel	0.20	0.40	49	61	71			7,417		0.19	17	0.30	5.70	7.6	0.30	59	208	35		
		0.10	0.20	25	58	78				620		0.31	25	0.29	1.93	7.5	0.20	48	134	39	
		0.48	1.33	29	37	111				11,868		3.61	25	1.04	0.85	6.1	0.12	27	255	28	
		0.1	0.2	55.7	65	85.7				473		0.45	41	3.8	0.28	7.9	0.1	44	214	16.7	
14	Klip River @ Vosloopark	0.40	0.47	59	70				5,897		0.40	18	0.50	6.00	7.4	0.20	60	107	42		
			0.80	24	66	70				517		0.42	15	0.35	4.90	7.5	0.43	68	106	32	
		11.28	0.22	39	43	57				5,767		0.43	17	0.15	3.40	7.4	0.33	38	99	96	
			0.23	33	56	65				6080		0.2	15		3.67	7.9	2.93	59	72	33	
15	Iscoor Vaal @ Dickson Park	0.20	0.20	71	77	83			90		0.20	22	0.10	3.10	7.8	0.30	71	122	17		
			0.23	21	58	62				175		0.19	20	0.17	3.53	7.7	0.27	63	129	15	
			1.97	31	47	57				27,200		0.16	17	0.05	0.45	7.4	0.04	42	97	20	
			0.33	28	47	59				823		0.24	14		4.67	7.9	0.27	52	66	23	

Key

11	Klip River On Kareekloof	0.09	1.30	- 1 Jul to 30 Sep 2011
		0.17	1.80	- 1 Oct to 30 Dec 2011
		0.23	0.30	- 1 Jan to 31 Mar 2011
		0.08	1.50	- 1 Apr to 31 June 2012

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable