



Sample Points	Sample Point Description	Aluminium	Ammonia	Chemical Oxygen Demand	Chloride	Conductivity	Daphnia Toxicity	Dissolved Oxygen	E. coli	Fluoride	Iron	Magnesium	Manganese	Nitrate	pH	Phosphate	Sodium	Sulphate	Suspended Solids	
1	Russel stream @new Canada Road 26°19'28"S 27° 59'09"E	0.02	2.30	97	44	79			440,000		1.50		2.60	0.20	7.2	0.20	46	10	58	
		0.04	1.20	37	35	78			39,600		0.04		3.61	0.20	7.1	0.20	38	188	104	
		1.85	1.10	10	53	79			1,400		7.47		4.98	0.41	6.1	0.20	36	337	8	
2	KlipRiver @ R41 26°18'10"S 27° 54'08"E	0.03	0.10	<10	24	38			390		0.02		0.05	1.20	7.6	0.20	53	85	30	
		0.07	0.10	31	49	43			162		0.02		0.04	3.80	7.5	0.37	60	80	42	
		0.04	0.10	<10	36	31			910		0.03		0.02	5.20	7.1	0.24	20	90	33	
3	KlipRiver on N12 d/s EP 26°19'14"S 27° 56'20"E		4.40	52	72	61			900		0.20			4.80	7.8	1.10	71	65	41	
			1.20	<10	29	39			3,000		0.02			0.81	7.9	0.20	39	33	50	
			8.80	30	72	58			44		0.02			1.40	7.1	0.30	63	67	52	
4	Harringtonspruit on N12s/s EP 26°19'14"S 27° 56'20"E		2.70	10	53	54			21					2.50	8.0	0.55	63	74	15	
			0.76	10	57				27					4.90	8.0	0.20	67	77	30	
			0.61	10	39				55					6.50	7.1	0.20	44	67	40	
5	KlipRiver on Golden Highway 26°20'12"S 27° 54'12"E		4.40	10	42	55			95					2.80	8.0	0.25	53	81	8	
			4.20	12	45				333					3.00	7.9	0.20	58	94	4	
			1.30	10	35				330					4.20	7.3	0.21	39	86	57	
6	KlipRiver on R84, old vereeninging Road 26°19'28"S 27° 59'09"E	0.01	1.60	10	36	43			370		0.35		0.23	5.20	7.0	0.24	36	90	29	
		0.00	3.30	31	49	43			2,500		0.02		0.00	3.80	7.6	0.37	60	80	42	
		0.06	4.10	10	48	55			336		0.02		0.05	1.20	7.8	0.47	29	77	30	
7	Klip River on R59 26°24'06.02"S 28° 04'47.88"E	0.00	1.90	22	496	87			7,000		0.01		25.00	3.10	7.6	0.38	59	232	59	
		0.00	0.10	10	58	137			8,500		0.00		45.00	3.20	7.7	0.20	75	497	24	
		0.01	1.90	24	38	72			10,800		0.02		20.00	2.20	7.9	0.24	43	207	106	
8	Elsburgspruit on Brug Road 26°14'57.75"S 28° 12'15.95"E		4.40	10	67	313			100,000		0.01		75.00	0.71	7.5	0.20	154	1885	22	
			0.10	14	67	316			14,000		0.00		45.00	3.20	7.7	0.20	149	2041	9	
			1.90	29	31	103			72,000		6.60		24.00	1.20	7.6	0.20	37	405	65	
9	Elsburgspruit on R554 u/s of confluencewith Natalspruit 26°17'32.04"S 28° 10'07.20"E	0.00	0.77	10	57	132			1,300		0.00		44.00	3.30	7.9	0.20	74	479	30	
		0.00	0.10	11	56	133			1,200		0.00		42.00	3.70	7.7	0.20	73	486	13	
		0.00	2.80	10	26	46			1,100		0.00		13.00	0.72	7.4	0.20	17	143	56	
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28° 05'37.41"E																			
		0.00	0.10	10	134	134			7,000					43.00	3.70	7.8	0.26		492	37
		0.00	0.68	10		98			5,400					32.00	1.60	8.0	0.22		357	62
11	Klip River on Kareekloof 26°27'13.77"S 28° 05'07.85"E	0.00	1.90	18	49	87			8,000		0.01		25.00	3.10	7.6	0.40	58	240	68	
		0.00	0.10	26	49	86			5,400		0.00		23.00	5.40	7.4	0.68	55	240	18	
		0.01	1.80	21	37	71			2,800		0.02		20.00	2.80	8.0	0.32	42	213	97	
12	Klip River @ Henley weir 26°32'.963"S 28°03'.848"E		1.70	10	49	89			775		0.01	27			7.5	0.36	59	256	79	
			3.60	47	63	75			1,250		0.02	25			6.20	7.7	0.42	77	154	83
			2.40	42	40	74			31,500		0.02	21			3.20	7.5	0.37	48	201	112
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E		1.40	10	338	156			1		0.05	34	0.02	0.02	7.8	0.2	47	158	6	
			1.10	10	187	80			1		0.02	68	0.1	7.3	8.3	0.20	47	63	3	
			0.10	10	217	100			6		0.05	86		6.30	8.6	0.20	47	82	9	
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E		1.70	10	49	89			775		0.014	27		3.50	7.5	0.36	59	256	79	
			2.70	16	63	73			168		0.13	24	1.10	6.90	7.9	0.49	74	147	13	
			1.20	33	43	82			4,700		0.13	24	0.04	4.60	7.3	0.29	54	244	144	
15	Isacor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E		1.80	10	44	86			600		0.00	26	0.09	2.90	7.7	0.20	56	250	22	
			1.20	42	46	60			112		0.02	18	1.3	4.10	7.8	0.21	57	133	88	
			1.40	10	42	84			3,960		0	25	0.02	2.90	7.7	0.21	57	251	17	

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit	0.04	0.10	- Oct 2017
		0.01	6.60	- Nov 2017
		0.00	0.34	- Dec 2017

Water Quality Guidelines

-	Ideal
-	Acceptable
-	Tolerable
-	Unacceptable