



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	19.00	10	79				3,300		0.37		3.90	6.60	7.3	2.30	67	70	35
		0.01	21.00	31	72				1,040		0.02		0.21	1.20	7.4	2.30	70	60	52
		0.06	30.00	10	76	60			10,000		0.17	10		0.20	7.4	1.40	71	54	96
2	KlipRiver @ R41 26°18'10"S 27° 54'08"E	0.00	1.90	20	31	35			4,000		0.02		0.07	4.00	7.9	0.20	30	112	25
		0.07	3.10	10	36	58			4,900		0.01		0.06	2.30	7.8	0.23	55	63	4
		0.73	3.70	10	35	44			13,000		0.01		0.53	0.89	7.5	0.36	45	49	5
3	KlipRiver on N12 d/s EP 26°19'14"S 27° 56'20"E	19.00	18	81	55				690					7.80	7.0	2.30	69	74	42
		20.00	22	72	73				1,520					1.50	7.4	2.30	45	60	51
		30.00	89	75	65				63,000					0.20	7.4	1.40	75	53	59
4	Harringtonsprit on N12s/s EP 26°19'14"S 27° 56'20"E	20.00	10	79	55				1					5.10	7.3	1.40	71	69	21
		0.34	10	49	66				300				0.13	5.30	7.6	0.28	71	61	3
		0.26	10	48	32				20			10		5.00	7.6	0.22	55	62	9
5	KlipRiver on Golden Highway 26°20'12"S 27° 54'12"E	2.70	10	49	72				17					4.00	7.4	0.20	53	74	4
		0.58	10	52	78				270					4.20	7.5	0.20	44	76	5
		1.60	10	48	35				1,100					2.00	7.7	0.20	57	67	10
6	KlipRiver on R84, old vereeninging Road 26°19'28"S 27° 59'09"E	0.03	0.36	10	51	54			1,080		6.20		1.20	10.00	6.9	0.22	49	67	43
		0.01	2.10	10	42	46			800		0.01		0.55	5.90	7.3	0.36	48	70	
		0.02	5.90	15	48	44			6,700		0.02		0.12	3.90	7.6	0.36	53	60	71
7	Klip River on R59 26°24'06.02"S 28° 04'47.88"E	0.10	1.80	10	42	54			2,240		0.03	13		7.40	7.5	1.60	41	62	5
		0.93	0.85	17	49	47			900		0.01	13		8.90	7.3	0.41	48	67	37
		0.93	2.10	10	50	48			1,260		0.01	13		6.50	7.4	0.45	56	65	68
8	Elsburgspruit on Brug Road 26°14'57.75"S 28° 12'15.95"E	5.20	10	63	260				15,300		0.06	119		3.00	7.0	0.20	127	739	6
		9.60	10	84	304				75,000		0.03	113		1.70	6.9	0.23	139	8502	33
		3.60	10	74	218				42,700		0.01	110		0.20	7.0	0.20	130	3664	18
9	Elsburgspruit on R554 u/s of confluencewith Natalspruit 26°17'32.04"S 28° 10'07.20"E	0.10	0.12	10	70	281			279		0.03	102		0.82	7.0	0.20	132	1454	4
		0.00	1.80	10	79	237			30		0.00	89		8.10	7.3	0.20	122	145	7
		0.73	0.10	10	90	213			136		0.01	87		0.61	7.3	0.20	130	3200	13
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28° 05'37.41"E	0.10	0.68	10		150			342			44		4.80	7.1	0.20		2764	6
		0.00	0.83	10		114			210			33		5.70	7.1	0.20		362	9
		0.73	0.26	25		120			900			38		5.20	7.4	0.20		423	16
11	Klip River on Kareekloof 26°27'13.77"S 28° 05'07.85"E	0.10	3.10	10	50	88			47		0.03	22		6.10	7.6	0.93	58	204	10
		0.00	1.60	10	63	71			170		0.01	19		7.60	7.3	0.68	62	145	32
		0.00	3.40	10	62	73			600		0.01	20		6.20	7.4	0.44	69	152	57
12	Klip River @ Henley weir 26°32'.963"S 28° 03'.848"E		1.80	10	51	79			1,600		0.01	24		5.90	7.5	0.50	63	197	13
			0.10	28	60	72			58		0.01	19		10.00	7.1	0.67	64	134	63
			19.00	28	78	65			4,590		0.06	12		1.10	7.8	2.4	69	65	59
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E		12.00	76	42	72			4,000		1.28	21	0.73	0.20	6.5	0.2	44	210	47
			0.10	18	61	73			200,000		0.01	20	0.00	1.10	7.1	0.65	64	137	40
			11.00	73	47	60			1,500,000		0.4	16	1.20	0.20	7.1	0.66	40	92	38
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E		1.20	10	52	82			700		0.01	24	0.00	6.70	7.5	0.64	64	189	12
			14.00	39	55	68			210		0.15	20	0.43	0.27	6.6	0.74	47	99	15
			3.80	14	63	69			5,100		0.02	20	0.01	4.90	7.6	0.45	65	149	37
15	Isacor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E		1.00	10	55	82			264		0.00	26	0.00	4.40	7.5	0.42	68	205	7
			10.00	11	66	57			5		0.01	31	0.00	6.10	7.2	0.27	75	251	3
			4.10	13	65	70			12,000		0.02	22	0.01	3.30	7.7	0.42	69	186	11

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit			' - Jul 2018
				' - Aug 2018
				' - Sept 2018

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable