



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	0.04	1.40	72	38				1,700		0.02		2.70	3.40	7.7	0.20	45	74	50
		0.01	2.30	10	39				1,530		0.02		0.21	3.50	6.8	0.31	46	71	3
		0.03	28.00	55	53				7,000		1.50		1.4	0.20	7.3	0.20	51	99	56
2	KlipRiver @ R41 26°18'10"S 27°54'08"E	0.00	1.90	29	31	35			3,600		0.02		0.07	4.00	8.1	0.20	27	112	34
		0.07	1.50	10	32	42.5			37		0.01		0.06	4.10	7.1	0.20	27	106	14
		0.02	0.14		32	45			600		0.02		0.06	1.80	6.8	0.20	28	97	6
3	KlipRiver on N12 d/s EP 26°19'14"S 27°56'20"E	0.27	76	46	55				37				3.80	7.4	0.20	40	73	50	
		14.00	11	66	61				770				4.10	6.8	0.20	32	65	28	
		23.00	17	60	70				2,900				3.10	7.5	0.20	63	60	30	
4	Harringtonsprit on N12s/s EP 26°19'14"S 27°56'20"E	1.40	70	38					2,300				3.80	7.7	0.20	45	73	50	
		0.23	10	48					1				6.00	7.0	0.22	61	74	3	
		0.36	10	46					27				8.40	7.58	0.36	58	67	60	
5	KlipRiver on Golden Highway 26°20'12"S 27°54'12"E	1.40	32	39					2,600				3.70	7.7	0.20	47	80	50	
		2.30	10	40					130				3.50	6.2	0.20	47	72	80	
		1.30	10	42					140				4.50	7.5	0.20	49	68	50	
6	KlipRiver on R84, old vereeninging Road 26°19'28"S 27°59'09"E	0.00	2.00	17	36	48			3,700		0.02	55	4.30	6.9	0.22	40	75	19	
		0.01	2.10	10	42	46			800		0.01	55	5.90	7.3	0.36	48	70	104	
		0.02	4.20	10	42	52			400		0.01	10	4.80	7.5	0.30	47	63	90	
7	Klip River on R59 26°24'06.02"S 28°04'47.88"E	0.00	0.10	18	40	52			3,100		0.03	15	5.80	7.3	0.20	49	73	13	
		0.00	0.85	10	41	49			1,620		0.00	14	5.80	7.3	0.20	45	69	21	
		0.00	1.40	10	44	51			350		0.02	15	5.00	7.3	0.20	55	66	15	
8	Elsburgspruit on Brug Road 26°14'57.75"S 28°12'15.95"E	0.10	10	79	324				19,8000		0.12	116	6.20	6.3	0.20	169	1992	22	
		2.80	10	121	322				2,400		0.00	134	3.30	5.2	0.20	172	2157	22	
		1.10	25	50	95				13,000		0.15	32	0.20	7.9	0.20	64	288	31	
9	Elsburgspruit on R554 u/s of confluencewith Natalspruit 26°17'32.04"S 28°10'07.20"E	0.00	0.10	10	69	249			1,300		0.00	101	0.51	7.3	0.20	124	1266	70	
		0.00	2.30	10	31	48			1,980		0.00	17	0.54	6.9	0.20	24	129	12	
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28°05'37.41"E	0.00	0.26	11		115			4,000			42	2.60	7.3	0.20		387	18	
		0.00	0.75	10		132			27,600			46	4.10	7.2	0.20		477	10	
		0.02	3.20	10		119			50,000			42	3.60	7.4	0.20		362	10	
11	Klip River on Kareekloof 26°27'13.77"S 28°05'07.85"E	0.00	2.20	10	56	73			5,000		0.00	22	5.00	7.7	0.20	71	140	10	
		0.03	1.10	10	54	82			230		0.00	24	5.10	7.4	0.20	66	214	19	
		0.02	0.10	13	50	69			19,000		0.00	20	7.10	7.2	0.20	63	135	49	
12	Klip River @ Henley weir 26°32'.963"S 28°03'.848"E	0.84	35	51	82				5,000		0.01	24	5.40	7.1	0.31	59	191	36	
		1.40	52	55	78				3,300		0.01	11	7.20	7.1	0.41	65	208	16	
		1.80	<10	51	79				1,600		0.01	24	5.90	7.5	0.5	63	197	13	
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E	0.92	48	50	76				1,7600		0.01	23	0.00	0.00	7.1	0.31	61	164	41
		0.75	45	51	76				272		0.01	24	0.00	6.8	7.1	0.38	62	198	31
		1.10	<10	55	84				72		0.01	26	0.00	4.40	7.6	0.42	67	220	10
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E	0.94	35	50	76				4,690		0.01	23	0.00	5.30	6.9	0.29	61	166	41
		0.94	28	57	79				1,000000		0.01	24	0.00	8.90	6.8	0.43	66	210	10
		1.20	<10	52	82				700		0.01	24	0.00	6.70	7.5	0.64	64	189	12
15	Isacor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E	7.20	100	56	57				4,770		0.03	11	0.03	5.90	7.1	1.70	59	57	39
		0.74	37	52	76				231		0.01	25	0.00	6.30	7.2	0.3	63	196	23
		1.00	<10	55	82				264		0.01	26	0.00	4.40	7.5	0.42	68	205	7

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit	0.00	0.00	' - April 2018
		0.10	2.30	' - May 2018
				' - Jun 2018

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable