



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	0.01	15.0	86	38	73			290,500		0.89		0.15	0.25	7.0	0.20	43	308	58	
		0.00	21.0	188	57	114			700		2.70		4.6	0.2	6.55	0.20	67	702	65	
		0.01	15.0	99	33	92.3			82,000.00		1.20		2.7	0.2	7.59	0.20	37	234	40	
2	KlipRiver @ R41 26°18'10"S 27° 54'08"E	0.01	10.0	10	25	31			28		0.11		0.09	0.83	7.6	0.20	21	99	3	
		0.024	0.1	10	26	40			21		0.10		0.14	1.0	7.29	0.20	23	120	3	
		0.021	0.1	10	27	48			2,100		0.10		0.11	1.0	7.83	0.20	27	108	3	
3	KlipRiver on N12 d/s EP 26°19'14"S 27° 56'20"E		14.0	75	57	54			100,000					1.60	7.4	3.9	69	55	44	
			8.5	87	54	53			26,600					1.8	7.23	1.3	59	55	26	
			16.0	77	56	69			3					2.0	7.89	2.2	68	56	35	
4	Harringtonspruit on N12s/s EP 26°19'14"S 27° 56'20"E		1.7	27	50	46			60					10.0	7.3	0.86	57	57	75	
			1.2	31	55	52			5					7.5	7.34	0.67	63	82	3	
			0.55	21	52	62			45					9.9	7.99	0.82	65	77	77	
5	KlipRiver on Golden Highway 26°20'12"S 27° 54'12"E		5.30	31	45	48			30000					3.0	7.3	0.43	52	78	6	
			6.4	42	43	52			20,000					2.8	7.42	0.58	52	79	9	
			5.3	31	40	61			68,000					2.7	8.04	0.57	54	61	7	
6	KlipRiver on R84, old vereeninging Road 26°19'28"S 27° 59'09"E	0.01	6.8	36	46	54			3,200		0.08		0.01	4.10	7.4	0.20	50	71	18	
		0.02	7.4	32	46	54			2200		0.043		0.22	2.7	7.36	0.94	52	78	13	
		0.028	9.5	32	45	66			440,000		0.19		0.52	1.7	7.25	1.4	54	61	22	
7	Klip River on R59 26°24'06.02"S 28° 04'47.88"E	0.02	6.6	10	43	54			1,700	0.20	0.1	14.0		4.0	7.36	0.83	47	84	22	
		0.02	5.4	26	46	52			350	0.20	0.1	14.0		3.8	8.0	0.82	53	80	20	
		0.010	8.9	39	46	64			960	0.77	0.1	13.0		2.1	7.9	1.30	53	65	24	
8	Elsburgspruit on Brug Road 26°14'57.75"S 28° 12'15.95"E		2.9	10	83	169			12,000	0.20	0.1	142.0		2.0	7.0	0.20	171	2241	12	
			1.5	17	82	192			5,000	0.20	0.1	153.0		3.9	7.8	0.20	169	2208	7	
			9.1	17	83	376			6,000	0.20	0.08	130		2.9	7.1	0.20	174	2015	5	
9	Elsburgspruit on R554 u/s of confluencewith Natalspruit 26°17'32.04"S 28° 10'07.20"E	0.010	0.16	10	82	147			30	0.21	0.05	48		3.5	7.3	0.25	89	506	7	
		0.001	0.10	21	80	177			180	0.20	0.02	137		0.3	7.3	0.20	155	1746	5	
		0.002	0.10	12	76	321			180	0.20	0.12	114		0.2	8.0	0.20	158	1557	5	
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28° 05'37.41"E	0.02	0.38	10		104			160	0.20		58		4.8	7.4	0.20		711	12	
		0.00	1.20	21		120			333	0.20		57		5.2	7.6	0.20		692	13	
		0.00	0.18	15		179			240	0.20		56		5.0	7.9	0.20		694	4	
11	Klip River on Kareekloof 26°27'13.77"S 28° 05'07.85"E	0.02	3.50	16	58	75			1,400	0.20	0.08	26		4.4	7.3	0.67	67	239	4	
		0.05	3.90	39	58	75			100	0.21	0.2	26		4.3	7.9	0.64	71	230	24	
		0.003	8.00	39	54	103			1,600	0.20	0.05	25		2.7	7.9	0.93	73	226	26	
12	Klip River @ Henley weir 26°32'.963"S 28°03'.848"E		3.00	115	58	63			750		0.022	25		5.0	7.38	0.50	67	218	15	
			3.3	28	58	75			32		0.025	26		4.4	7.08	0.60	69	225	19	
			7.9	10	57	98			68		0.125	25		3.0	7.03	0.85	73	203	19	
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E	0.002	1.9	126	58	63			100	0.286	27	0.006		0.4	7.54	0.43	29	227	12	
		0.002	2.1	28	58	77			360	0.017	27	0.052		5.6	7.91	0.60	70	221	14	
		0.022	6.4	14	57	95			1,300	0.95	26	0.142		4.6	7.19	0.90	74	209	18	
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E		2.0	327	58	63			180	0.018	26	2.90	0.45	7.39	0.45	70	232	6		
			2.3	10	59	75			38		0.017	27	0.095		5.6	8.01	0.71	72	218	5
			5.7	15	59	97			1,200		0.10	26	0.198		4.5	7.36	0.87	76	218	14
15	Iscor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E		0.10	158	61	62			7		0.038	27	0.94	4.8	7.6	0.20	73	210	8	
			0.10	24	60	77			13		0.65	32	0.36		4.4	8.05	0.22	69	225	6
			0.17	10	54	90			20		0.056	28	0.78		4.1	7.52	0.20	69	201	5

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit	0.010	0.16	- July 2016
		0.001	0.10	-August 2016
		0.002	0.10	- September 2016

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable