



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	0.05		125	33	77			1,450,000		1.80		2.20	0.28	7.1	1.60	43	186	43
		0.01	8.7	67	25	64.3			352500		3.50		2.4	0.53	6.86	0.90	28	237	46
		0.69	4.4	24	13	43.4			2,240.00		4.30		2.8	0.65	7.42	0.20	15	147	29
2	KlipRiver @ R41 26°18'10"S 27° 54'08"E	0.02	10.0	10	25	31			28		0.11		0.09	0.83	7.6	0.20	21	99	3
		0.034	0.1	10	18	32.3			432		0.10		11	0.3	7.57	0.23	25	82	24
		0.031	0.1	10	14	28			416		0.09		0.065	0.2	7.56	0.20	19	63	24
3	KlipRiver on N12 d/s EP 26°19'14"S 27° 56'20"E		15.0	93	64	68			16,000					1.40	7.5	4.0	82	50	38
			5.7	62	53	50			162,000					0.33	7.62	1.6	62	51	62
			10.0	52	48	56			41,000					0.7	76.8	3	60	52	28
4	Harringtonspruit on N12s/s EP 26°19'14"S 27° 56'20"E																		
			4.6	25	51	53			1					4.6	7.8	2.1	64	71	8
			1.1	22	47	51			25					6.2	7.84	0.34	59	74	10
5	KlipRiver on Golden Highway 26°20'12"S 27° 54'12"E		3.80	26	42	54			9900					3.2	7.4	0.56	62	64	5
			6.4	42	43	52			20,000					2.8	7.42	0.58	52	79	9
			0.1	17	42	46			105					3.7	8.32	0.2	56	58	9
6	KlipRiver on R84, old vereeniging Road 26°19'28"S 27° 59'09"E	0.01	8.0	36	47	59			3,500		0.73		0.03	3.10	7.5	1.80	62	62	20
		0.036	8.9	38	43	52			71100		0.18		0.4	0.73	7.44	1.4	53	59	22
		0.029	5	32	40	51			12,000		0.15		0.1	2.10	7.62	0.9	47	66	22
7	Klip River on R59 26°24'06.02"S 28° 04'47.88"E	0.06	8.2	21	47	61			11,700	0.21	0.2	13.0		3.20	7.70	1.90	56	65	29
		0.003	9.6	61	36	55			43000	0.22	0.04	11.0		0.80	7.7	0.79	44	61	79
		0.124	4.2	31	38	52			5900	0.20	0.08	18.0		2.6	7.5	0.96	44	79	43
8	Elsburgspruit on Brug Road 26°14'57.75"S 28° 12'15.95"E		1.4	10	83	352			27,000	0.20	0.2	128.0		2.4	6.9	0.20	174	2226	5
			0.8	10	59	287			100	0.20	0.1	100.0		2.2	7.2	0.20	144	1699	3
			1.7	20	67	262			24,300	0.20	0.07	88		2.5	7.1	0.20	126	2041	22
9	Elsburgspruit on R554 u/s of confluencewith Natalspruit 26°17'32.04"S 28° 10'07.20"E	0.003	0.59	10	82	321			240	0.20	0.20	131		0.4	7.4	0.22	176	5	12
		0.000	0.10	17	62	168			504	0.20	0.06	91		0.4	7.6	0.20	140	1474	11
		0.007	0.10	13	49	148			6900	0.21	0.11	48		0.5	7.4	0.20	79	834	10
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28° 05'37.41"E	0.06	0.10	10		156			500	0.20		51		5.1	7.7	0.24		622	6
		0.02	0.10	16		139			42			45		4.3	7.9	0.21		461	52
		0.18	0.10	17		100			2,000			32		2.4	7.5	0.20		247	34
11	Klip River on Kareekloof 26°27'13.77"S 28° 05'07.85"E	0.09	4.70	20	59	91			1	0.27	0.23	23		4.0	7.7	1.10	75	196	21
		0.00	3.80	45	43	73			2,230	0.20	0.0	18		2.7	7.6	0.53	55	139	156
		0.052	2.70	25	48	75			5,200	0.24	0.07	20		2.7	7.5	0.57	57	170	64
12	Klip River @ Henley weir 26°32'.963"S 28°03'.848"E		3.40	34	51	75			690		0.03	18		3.7	7.59	0.65	64	135	81
			3.4	33	51	79			264		0.02			3.2	6.75	0.60	62	156	18
			5.1	22	40	63			1,680		0.1	17		2.2	7.25	0.66	40	159	127
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E		0.16	<0.1	11	17			<1		0.01	15	0.269	0.4	7.56	<0.20	10	11	<3.0
			0.17	<10	8.9	32			24		0.01	33	0.03	1.4	8.23	<0.20	26	56	8
			1.5	<10	8.4	17			3		0.01	41	0	0.41	7.94	<0.20	7.4	16	<3.0
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E		3.1	19	56	76			400		0.04	18	0.04	5	7.6	0.8	69	146	17
			1.1	13	37	60			360		0.12	16	0.01	3.2	7.43	0.53	36	159	60
			12.0	52	16	74			550		0.02	19	0.13	5.4	7.06	0.6	64	128	101
15	Iscor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E		0.30	16	27	49			2500		0.06	17	0.03	1.2	7.73	<0.20	37	105	20
			<0.1	18	27	51			91		0.04	16	0	1.9	7.81	<0.20	31	99	4
			<0.1	20	37	69			43		0.02	23	0.00	1.4	7.96	0.24	48	134	<3.0

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit	0.003	0.59	- October 2016
		0.000	0.10	- November 2016
		0.007	0.10	- December 2016

Water Quality Guidelines

-	Ideal
-	Acceptable
-	Tolerable
-	Unacceptable