



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	0.00	13.00	70	37				207,000		0.10		0.76	2.00	7.7	1.00	35	35	46	
		0.00	0.10	16	20				10,500		0.00		0.00	0.20	8.25	0.20	20	75	17	
		0.00	0.10	11	22				700		0.00		0.29	0.88	7.35	0.20	20	90	44	
2	KlipRiver @ R41 26°18'10"S 27° 54'08"E	0.00	0.10	10	23	27			174		0.00		0.07	0.36	8.0	0.20	22	61	18	
		0.00	0.10	12	21	28.9			1		0.00		0.00	0.20	8.03	0.20	21	74	18	
		0.00	0.10	10	22	33			120		0.00		0.28	0.85	7.4	0.20	20	90	11	
3	KlipRiver on N12 d/s EP 26°19'14"S 27° 56'20"E	0.00	15.00	32	51	54			37,000		0.03		0.16	3.50	7.8	2.90	56	58	22	
		0.00	1.90	10	42	43			780		0.20		0.00	5.00	7.8	0.52	45	64	14	
		0.00	0.89	10	29	40			1,380		0.01		0.04	3.10	7.45	0.32	30	78	40	
4	Harringtonsprit on N12s/s EP 26°19'14"S 27° 56'20"E		11.00	15	50				6,900					2.30	8.0	0.71	58	62	19	
			0.22	12	45									5.90	8.1	0.20	52	68	3	
			0.40	10	45				8					8.50	7.27	0.86	53	67	3	
5	KlipRiver on Golden Highway 26°20'12"S 27° 54'12"E	1.80		10	40				560					2.60	7.9	0.53	45	68	8	
			2.00	20	39				10,500						3.00	8.14	0.29	44	70	9
			1.90	10	36				130						3.20	7.44	0.24	39	66	20
6	KlipRiver on R84, old vereeninging Road 26°19'28"S 27° 59'09"E	0.00	0.62	10	27	37			5,670		0.01		0.05	1.40	7.8	0.65	28	58	13	
		0.01	1.90	27	42	42			3,280		0.01		0.00	5.70	7.9	0.49	44	63	17	
		0.02	1.30	19	39	42			1,800		0.00		0.28	4.70	7.3	0.51	20	68	7	
7	Klip River on R59 26°24'06.02"S 28° 04'47.88"E	0.00	1.70	10	54	70				0.02	0.00	19		4.90	7.1	0.79	65	117	40	
		0.00	0.18	10	68	230			1		0.00	84		0.28	8.0	0.34	126	996	38	
		0.00	0.10	32	39	48			400		0.00	13		6.10	7.1	0.57	43	72	61	
8	Elsburgspruit on Brug Road 26°14'57.75"S 28° 12'15.95"E		2.30	351	79	302			55,000	0.20	0.24	107		0.51	6.6	0.20	67	1593	29	
			0.36	78	105	316			1		0.05	111		0.20	8.0	0.20	168	1446	44	
9	Elsburgspruit on R554 u/s of confluence with Natalspruit 26°17'32.04"S 28° 10'07.20"E	0.00	0.14	10	66	220			300	0.20	0.01	83		0.33	7.2	0.36	126	1040	8	
		0.00	0.10	10	67	231			300		0.00	84		0.37	8.0	0.33	126	1018	8	
		0.00	4.10	35	80	319			198,000		0.00	114		2.10	6.9	0.20	165	1982	18	
10	Waterval 150JR- South of Waterval STW on Rietspruit KlipRiver ,26°26'53.76"S 28° 05'37.41"E			14		71			3,600	0.20				4.30	7.0	0.73		114	46	
		0.00	0.10	13		72			1			18		7.30	7.7	0.86		119	43	
		0.00	0.10	19		109			630			36		4.00	7.3	0.20		359	26	
11	Klip River on Kareekloof 26°27'13.77"S 28° 05'07.85"E	0.01	1.50	10	54	72			1	0.20	0.02	19		4.40	7.0	0.77	67	117	37	
		0.00	0.16	10	55	70			1	0.20	0.00	18		7.10	7.7	0.87	64	119	5	
		0.00	0.16	26	49	67			500	0.20	0.00	19		6.10	7.2	0.52	58	133	50	
12	Klip River @ Henley weir 26°32'.963"S 28°03'.848"E		1.30	40	49	64			4,240		0.02	16		4.80	7.2	0.48	53	113	34	
			2.30	25	56	73			2,500		0.026	17		5.00	7.58	0.95	55	117	38	
			0.39	26	56	59			232		0.012	17		5.70	7.82	0.47	60	115	58	
13	Houtspruit d/s mittal steel 26°40'.174"S 27°56'.541"E	0.010	0.10	15	53	64			5,360		0.01	17	0.05	6.80	7.3	0.53	59	114	91	
		0.173	0.80	10	60	73			300		0.60	16	0.07	6.50	7.85	0.79	57	108	29	
		0.081	0.14	10	54	59			4,240		0.008	18	0.00	6.50	7.9	0.44	60	119	29	
14	Klip River @ Vosloopark 26°40'.088"S 27°57'.356"E		0.12	22	55	65			7,000		0.014	17	0.07	6.90	7.2	0.53	60	117	39	
			0.70	19	59	72			1,100		0.033	57	0.02	7.70	7.7	0.91	57	107	24	
			0.14	19	54	59			3,920		0.05	18	0.00	6.40	7.9	0.44	61	118	50	
15	Isacor Vaal at Dickson Park 26°41'.338"S 27°56'.094"E		0.10	10	28	51			500		0.00	18	0.03	2.00	7.7	0.20	33	100	6	
			0.10	17	44	84			120		0.03	29	0.03	8.30	8.1	0.20	47	174	3	
			0.10	10	54	60			4,200		0.01	18	0.00	7.00	7.9	0.51	60	118	27	

Key

9	Elsburgspruit on R554 u/s of confluence with Natalspruit	0.00	0.14	- Jan 2018
		0.00	0.10	-Feb 2018
		0.00	4.10	- Mar 2018

Water Quality Guidelines

-	Ideal
-	Acceptable
-	Tolerable
-	Unacceptable