



Sample Point	S Co-ordinates E	Sample Description	PERIOD	E COLL_1	PO4	NO2	NO3	NH4	COND	PH	COD	TURBIDITY	CL	SO4	(Bacteriological)	(Chemical)	
																	Aug-Oct
BBS3	26 18 663	28 00 807	Bloubos Spruit, Silver Rd, Kibler Park	Aug-Oct	133	0.50	0.1	1.3	0.50	37.0	8.2	22.7	2.5	33.3	44.3	Ideal	Acceptable
				Nov-Jan	1033	0.50	0.1	1.4	0.50	29.0	7.7	14.3	5.1	25.3	32.7	Good	Good
				Feb-Apr	2233	0.50	0.1	2.3	0.50	30.7	7.9	129.3	5.7	23.3	46.3	Unacceptable	Acceptable
				May-July	900	0.50	0.2	2.7	0.50	32.0	7.8	150.0	5.6	38.0	55.0	Good	Good
				Aug-Oct	144	0.50	0.1	0.9	0.50	31.3	8.2	54.3	4.6	27.3	34.3	Good	Acceptable
BBS4	26 16 975	28 00 564	Bloubos Spruit, Frandaph Str, Mondeor	Aug-Oct	5377	0.50	0.1	1.3	0.50	25.3	7.9	13.3	7.0	20.0	30.7	Unacceptable	Good
				Nov-Jan	83033	0.50	0.1	2.3	0.80	33.7	7.6	16.3	3.3	30.0	41.7	Bad	Acceptable
				Feb-Apr	5067	0.50	0.1	1.7	0.50	29.3	7.4	17.7	4.3	26.7	34.0	Unacceptable	Good
				May-July	2701	0.50	0.1	2.6	0.50	30.3	7.7	17.7	25.7	29.0	48.0	Unacceptable	Acceptable
				Aug-Oct	2392	0.50	0.1	2.5	0.84	31.0	7.6	44.0	1.6	33.0	55.0	Unacceptable	Acceptable
BBS5	26 19 495	28 00 820	Bloubos Spruit Peggy Vera Rd Kibler Park	Aug-Oct	762	0.50	0.1	1.2	0.50	29.7	7.7	17.5	3.6	26.0	34.0	Good	Good
				Nov-Jan	10813	0.50	0.2	1.4	0.50	26.7	7.6	13.3	25.3	21.3	30.7	Unacceptable	Acceptable
				Feb-Apr	4073	0.50	0.1	1.2	0.50	44.0	7.5	22.7	5.4	38.7	47.0	Unacceptable	Acceptable
				May-July	1917	0.50	0.1	1.2	0.50	29.7	7.4	22.7	10.3	26.3	31.3	Acceptable	Acceptable
				Aug-Oct	16327	0.50	0.3	1.4	2.27	32.7	7.7	28.0	14.2	28.7	37.3	Unacceptable	Acceptable
BDIN	26 12 382	28 00 215	Blue Dam inlet	Aug-Oct	860	0.50	0.2	2.7	0.50	33.0	7.8	39.0	2.1	41.0	59.0	Good	Acceptable
				Nov-Jan	164	0.50	0.1	0.7	0.50	32.3	7.7	20.7	9.9	27.3	34.3	Good	Acceptable
				Feb-Apr	2307	0.50	0.1	0.6	0.50	24.3	7.5	18.0	18.3	19.3	23.3	Unacceptable	Acceptable
				May-July	80294	2.10	0.1	0.9	5.33	52.0	7.4	146.3	28.2	34.3	93.3	Bad	Unacceptable
				Aug-Oct	240000	4.10	0.2	0.5	11.30	55.3	7.1	256.7	47.7	36.3	74.0	Bad	Unacceptable
BDOUT	26 12 416	27 59 976	Blue Dam outlet	Aug-Oct	226667	3.23	0.1	0.5	8.40	66.0	7.0	203.3	34.5	45.7	145.0	Bad	Unacceptable
				Nov-Jan	250	0.50	0.2	9.8	2.50	40.0	7.7	29.0	1.1	44.0	42.0	Good	Acceptable
				Feb-Apr	2787	0.50	2.6	10.5	1.60	48.7	7.5	13.7	1.8	40.3	41.0	Unacceptable	Acceptable
				May-July	13633	1.07	1.4	4.5	2.97	54.7	6.8	235.0	10.1	49.0	59.7	Unacceptable	Unacceptable
				Aug-Oct	157	0.50	0.2	1.4	0.52	51.3	7.4	78.0	6.1	33.7	113.3	Good	Acceptable
FD15	26 13 595	28 01 341	Stream, palmiraba Road close to sewer pump	Aug-Oct	9587	0.50	0.2	0.5	1.73	35.7	6.7	32.7	1.6	20.0	82.7	Unacceptable	Acceptable
				Nov-Jan	4933	0.50	0.5	1.3	2.57	48.3	6.8	47.7	9.5	18.0	123.3	Unacceptable	Acceptable
				Feb-Apr	330	0.50	0.1	0.5	0.50	21.0	7.0	10.0	1.8	15.0	77.0	Good	Good
				May-July	273	0.50	0.5	1.1	1.1	37.3	7.6	48.7	0.6	27.0	150.0	Good	Acceptable
				Aug-Oct	167	0.50	0.1	0.7	2.17	55.7	6.5	26.7	9.1	27.0	181.0	Acceptable	Acceptable
FLOUT	26 10 883	27 54 450	Florida Lake outlet	Aug-Oct	160033	2.33	0.1	1.7	4.27	35.0	7.2	257.7	20.7	32.0	32.0	Bad	Good
				Nov-Jan	240000	1.43	0.1	0.5	14.20	51.0	7.2	144.7	28.7	30.0	61.0	Bad	Unacceptable
				Feb-Apr	1846667	1.34	0.2	0.7	7.93	38.0	7.1	1957.3	26.0	29.0	43.7	Bad	Unacceptable
				May-July	260000	0.59	0.1	0.5	11.00	45.0	6.9	220.0	22.0	35.0	140.0	Bad	Acceptable
				Aug-Oct	223333	0.61	0.2	0.9	13.67	79.7	5.7	253.3	16.5	36.3	271.0	Bad	Unacceptable
GV1	26 16 479	28 02 898	Glenvista Spruit, Vorster Ave near golfcourse	Aug-Oct	190333	0.87	0.1	0.5	4.29	32.0	7.0	84.7	17.9	18.0	39.0	Bad	Unacceptable
				Nov-Jan	121	0.50	0.5	3.5	3.4	49.0	7.4	30.7	3.1	35.0	58.0	Good	Acceptable
				Feb-Apr	28767	0.50	0.1	0.5	3.53	26.0	7.7	34.0	16.9	21.0	23.7	Unacceptable	Unacceptable
				May-July	737	0.50	0.1	0.5	0.50	13.3	7.3	19.3	6.0	13.3	10.3	Good	Acceptable
				Aug-Oct	1920	0.50	0.1	0.5	0.50	5.6	7.7	39.0	0.6	12.0	18.0	Good	Acceptable
GV2	26 17 529	28 04 288	Glenvista spruit, cnr Bellairs & Loubser	Aug-Oct	360	0.50	0.1	0.6	0.50	18.7	7.4	38.0	10.1	15.0	13.7	Good	Acceptable
				Nov-Jan	560	0.50	0.1	0.5	0.50	15.0	8.3	31.0	5.3	12.0	9.4	Good	Acceptable
				Feb-Apr	13660	0.52	0.5	1.2	0.77	38.0	7.6	26.0	4.6	32.0	47.7	Bad	Acceptable
				May-July	5300	0.50	0.1	2.9	0.50	41.7	7.7	13.0	2.4	38.0	55.3	Unacceptable	Good
				Aug-Oct	4567	0.50	0.1	3.9	0.50	43.7	7.7	19.7	4.2	42.7	67.3	Unacceptable	Good
H1	26 16 728	27 55 099	Harrington Spruit at Goudkoppies, upstream	Aug-Oct	65000	0.50	0.2	3.1	3.20	40.0	7.7	15.0	1.6	42.0	75.0	Bad	Acceptable
				Nov-Jan	3283	0.50	0.1	2.0	0.50	36.0	7.8	23.3	2.6	30.3	48.3	Unacceptable	Good
				Feb-Apr	3933	0.50	0.2	2.3	0.50	37.0	7.9	10.0	4.6	29.0	49.3	Unacceptable	Good
				May-July	470	0.50	0.1	1.7	0.50	45.3	7.9	75.0	5.5	36.7	57.7	Good	Acceptable
				Aug-Oct	3113	0.50	0.1	1.0	0.50	35.3	7.6	26.7	0.6	27.0	39.7	Unacceptable	Acceptable
H2	26 16 572	27 54 447	Harrington Spruit at Union Rd	Aug-Oct	14873	0.50	0.1	1.8	0.50	39.0	7.8	21.7	15.2	32.7	54.0	Unacceptable	Acceptable
				Nov-Jan	87000	0.50	0.1	2.2	0.50	41.0	8.0	15.0	4.6	43.0	79.0	Bad	Acceptable
				Feb-Apr	1120	0.50	0.1	0.9	0.50	38.0	8.0	25.7	6.5	29.0	50.0	Unacceptable	Acceptable
				May-July	7133	0.50	0.1	1.3	0.50	33.7	7.8	14.3	16.2	24.3	41.0	Unacceptable	Acceptable
				Aug-Oct	11000												
H4	26 18 540	27 55 450	Harrington Spruit at Golden, downstream of Goudkoppies WWTW	Aug-Oct	9075	7.38	2.5	5.4	2.58	101.3	7.5	78.3	13.0	129.5	57.8	Unacceptable	Unacceptable
				Nov-Jan	3631	5.27	0.2	1.9	5.00	85.0	7.6	54.3	9.1	91.3	71.7	Unacceptable	Unacceptable
				Feb-Apr	7287	0.56	0.3	4.1	0.70	56.0	7.8	52.8	6.8	67.0	49.0	Bad	Acceptable
				May-July	181592	1.41	0.3	5.5	1.88	55.0	7.6	43.8	10.2	66.3	52.5	Bad	Acceptable
				Aug-Oct	129230	0.62	0.1	6.0	1.53	51.4	7.6	38.9	4.5	52.9	52.4	Bad	Acceptable
HS1	26 10 256	27 53 720	Harrington Spruit at Golden, downstream of Goudkoppies WWTW	Aug-Oct	20033	0.56	0.3	3.7	0.64	50.7	7.8	42.7	2.5	54.7	60.7	Unacceptable	Acceptable
				Nov-Jan	24205	0.62	0.8	3.2	0.96	55.2	7.7	33.9	4.3	69.7	52.2	Unacceptable	Acceptable
				Feb-Apr	967	0.81	0.2	3.6	0.98	54.1	7.7	36.1	4.1	63.3	56.8	Good	Acceptable
				May-July	31383	1.04	0.3	0.8	0.70	57.9	7.8	53.3	10.2	65.6	49.2	Bad	Good
				Aug-Oct	73000	0.89	0.4	5.4	0.99	52.9	7.6	38.2	28.8	60.9	54.7	Bad	Acceptable
HS1	26 10 256	27 53 720	Harrington Spruit at Golden, downstream of Goudkoppies WWTW	Aug-Oct	114111	0.65	0.3	6.6	0.40	54.2	7.7	36.5	9.3	64.1	52.8	Bad	Acceptable
				Nov-Jan	11333	0.56	0.3	4.2	0.50	51.0	7.9	36.0	6.7	51.0	60.3	Unacceptable	Acceptable
				Feb-Apr	20142	0.57	0.7	0.30	0.50	56.3	7.8	32.9	9.3	31.0	51.0	Unacceptable	Acceptable
				May-July	15275	0.81	0.4	28.4	0.33	53.9	7.8	37.2	13.7	53.3	53.1	Unacceptable	Acceptable
				Aug-Oct	92	0.50	0.6	4.3	1.33	49.0	7.4	29.7	27.0	34.3	59.7	Good	Acceptable
HS1	26 10 256	27 53 720	Harrington Spruit at Golden, downstream of Goudkoppies WWTW	Aug-Oct	83333	1.47	0.1	0.5	3.50	27.0	7.1	65.0	21.2	21.7	28.0	Bad	Unacceptable
				Nov-Jan	3231	0.66	0.2	0.7	0.56	19.7	7.4	33.0	17.0	19.7	14.9	Unacceptable	Acceptable
				Feb-Apr	1200	0.50	0.1	0.7	0.50	20.0	7.6	29.0	2.7	21.0	29.0	Acceptable	Good
				May-July	580	0.50	0.1	0.6	0.50	21.0	7.4	12.3	5.7	17.0	12.9	Good	Good
				Aug-Oct	3267	0.50	0.1	0.5	0.57	15.7	7.1	16.0	9.7	11.7	8.0	Unacceptable	Acceptable
HS1	26 11 505	27 57 327	Klip Spruit at bridge behind Mosque	Aug-Oct	80000	1.13	0.5	1.7	2.47	52.3	5.8	141.0	14.4	49.0	51.3	Bad	Good
				Nov-Jan	906667	1.30	0.2	0.7	4.67	52.0	6.9	746.0	70.3	91.0	71.0	Bad	Unacceptable
				Feb-Apr	339667	1.49	0.1	0.5	0.99	52.7	8.4	526.7	57.8	59.0	31.0	Bad	Unacceptable
				May-July	160000	0.50	1.7	1.7	1.60	43.0	7.2	250.0	23.0	62.0	51.0	Bad	Acceptable
				Aug-Oct	220057	0.83	0.1</										



ID	X	Y	Name	PERIOD	Water Quality Guidelines											Water Quality Index	Water Quality	Chemical
					ECOLL	PO4	NO3	NO2	NH4	COND	PH	CO2	TURBIDITY	CL	SO4			
KR14	26 10 687	27 50 190	Klip River, Alpha Stone service Rd off R41	Aug-Oct	70	0.50	0.1	0.6	0.50	150.0	6.3	12.0	195.2	36.0	950.0	Ideal	Acceptable	
				Nov-Jan	302	0.50	0.2	2.2	0.75	150.0	6.1	30.7	1.2	46.0	2996.7	Good	Acceptable	
				Feb-Apr	92	0.50	0.1	1.5	2.55	176.7	4.2	31.3	2.3	31.0	800.0	Ideal	Acceptable	
				May-July	31	0.50	0.1	0.7	5.20	140.0	4.3	18.0	0.5	32.0	1000.0	Ideal	Acceptable	
				Aug-Oct	65	0.50	0.1	6.0	1.80	116.7	6.0	15.3	1.2	35.3	586.7	Ideal	Acceptable	
KR15	26 10 570	27 49 048	Klip River, Randfontein Rd, Leratong settlement	Aug-Oct	111	0.50	0.1	0.5	0.50	100.3	7.4	119.7	76.4	109.3	45.0	Ideal	Acceptable	
				Nov-Jan	253	0.50	0.1	0.5	0.50	37.7	7.5	17.7	33.7	19.7	12.5	Ideal	Acceptable	
				Feb-Apr	499	0.50	0.1	0.6	1.71	40.0	7.0	79.0	100.8	23.7	13.7	Good	Acceptable	
				May-July	130	0.50	0.1	0.5	0.50	15.0	7.2	10.0	6.2	17.0	27.0	Good	Acceptable	
				Aug-Oct	99	0.50	0.1	0.5	0.50	30.0	7.6	21.0	5.3	16.3	23.8	Ideal	Acceptable	
KR2	26 17 399	27 53 128	Klip Spruit, Bridge road, Klipdown	Aug-Oct	363	0.50	0.1	0.5	0.50	26.3	7.6	16.0	8.1	12.0	10.3	Good	Acceptable	
				Nov-Jan	19133	0.50	1.2	9.9	7.93	75.3	7.4	35.7	6.1	42.3	140.0	Bad	Acceptable	
				Feb-Apr	51333	0.50	0.4	2.3	2.27	62.0	7.1	16.1	2.3	27.3	143.3	Bad	Acceptable	
				May-July	45000	0.77	0.7	3.8	1.55	57.0	7.0	26.3	3.3	30.0	136.7	Unacceptable	Acceptable	
				Aug-Oct	67000	0.50	0.3	3.1	1.40	58.0	7.2	15.0	1.1	37.0	200.0	Bad	Acceptable	
KR4	26 19 734	27 56 563	Klip River, Living Waters camp, R554	Aug-Oct	32933	0.50	1.7	4.2	0.70	57.7	7.4	25.7	5.6	33.3	153.3	Unacceptable	Acceptable	
				Nov-Jan	19867	0.50	0.6	2.0	2.46	51.0	6.9	29.3	15.9	19.5	122.3	Unacceptable	Acceptable	
				Feb-Apr	9667	0.54	0.1	3.9	0.52	56.7	7.7	35.7	4.4	50.0	83.7	Good	Acceptable	
				May-July	1727	0.50	0.1	2.1	0.50	53.3	7.4	24.3	6.4	37.3	130.0	Good	Acceptable	
				Aug-Oct	1097	0.50	0.1	3.0	0.50	50.7	7.4	24.7	6.3	41.0	123.3	Good	Acceptable	
KR5	26 19 070	27 56 330	Harrington Spruit, downstream Bushkoppies	Aug-Oct	120	0.50	0.1	3.0	0.50	55.0	7.7	15.0	1.6	43.0	160.0	Ideal	Acceptable	
				Nov-Jan	210	0.50	0.1	2.3	0.50	54.7	7.7	29.7	29.9	44.3	96.3	Good	Acceptable	
				Feb-Apr	6801	0.50	0.1	2.2	0.50	50.3	7.6	14.3	3.0	33.0	110.0	Unacceptable	Acceptable	
				May-July	9574	0.86	0.2	3.2	0.50	68.7	7.8	59.2	6.7	75.5	83.6	Acceptable	Acceptable	
				Aug-Oct	3700	1.21	0.5	4.9	1.16	65.0	7.5	54.6	22.3	67.2	95.2	Good	Acceptable	
KR6	26 19 544	27 59 273	Klip River near Lido Hotel, off R554	Aug-Oct	10573	1.11	0.3	5.5	0.86	62.1	7.7	40.2	8.0	67.7	77.6	Unacceptable	Acceptable	
				Nov-Jan	5150	0.50	0.1	4.7	0.50	52.0	8.1	34.5	6.7	54.0	60.5	Unacceptable	Acceptable	
				Feb-Apr	577	0.51	0.1	2.9	0.50	63.0	7.7	45.7	4.6	63.0	84.0	Ideal	Acceptable	
				May-July	1153	0.67	0.1	3.2	0.50	57.3	7.4	34.3	11.7	49.0	116.7	Good	Acceptable	
				Aug-Oct	1667	0.61	0.1	4.0	0.50	55.3	7.5	39.7	8.1	55.3	100.7	Acceptable	Acceptable	
KR7	26 22 827	28 04 270	Klip River, R550, Jhb/Alberton border	Aug-Oct	410	0.76	0.1	4.0	0.50	59.3	7.6	54.3	7.1	65.0	85.0	Good	Acceptable	
				Nov-Jan	8567	0.50	0.2	2.0	0.50	39.3	7.6	15.2	21.6	36.7	18.3	Unacceptable	Acceptable	
				Feb-Apr	1445	0.50	0.1	3.2	1.50	63.5	7.8	51.5	6.6	61.1	120.0	Acceptable	Acceptable	
				May-July	3050	0.52	0.1	4.8	0.50	63.0	7.9	47.3	5.6	57.7	86.0	Acceptable	Acceptable	
				Aug-Oct	1800	0.63	0.1	2.9	0.52	56.7	7.6	39.3	13.0	48.0	116.7	Good	Acceptable	
KR8	26 18 423	27 50 734	Klip River, Ninena Rd, Lenasia golf course bridge	Aug-Oct	2000	0.56	0.1	3.6	0.50	54.3	7.6	44.7	15.0	50.3	98.3	Unacceptable	Acceptable	
				Nov-Jan	410	0.50	0.1	3.4	0.50	52.0	7.9	25.0	6.0	49.0	150.0	Good	Acceptable	
				Feb-Apr	937	0.71	0.1	3.9	0.50	59.3	7.8	47.7	10.5	59.7	84.7	Good	Acceptable	
				May-July	4383	0.50	0.2	1.1	0.50	35.0	7.7	24.3	131.7	23.7	39.3	Unacceptable	Acceptable	
				Aug-Oct	18665	0.50	0.4	1.2	1.80	74.0	7.7	26.0	3.0	44.0	150.0	Bad	Acceptable	
LR1	26 10 125	27 54 257	Len Rutter Stream cnr Goldman & Sauer	Aug-Oct	860	0.50	0.1	1.1	0.50	59.0	7.7	45.5	3.3	28.0	110.0	Ideal	Acceptable	
				Nov-Jan	13570	0.50	0.1	1.2	0.50	58.3	7.6	29.0	21.2	28.3	115.3	Unacceptable	Acceptable	
				Feb-Apr	530	0.50	0.1	0.8	0.50	59.0	7.8	25.0	1.0	37.0	410.0	Good	Acceptable	
				May-July	390	0.50	0.1	2.4	0.50	67.5	7.6	21.5	4.4	32.0	155.0	Good	Acceptable	
				Aug-Oct	9533	0.50	0.2	1.7	0.50	46.0	7.5	16.0	12.8	22.0	79.7	Unacceptable	Acceptable	
NS1	26 13 472	28 06 224	Natal Spruit, Houer Rd below Rosherville Dam	Aug-Oct	109	0.50	0.5	1.3	1.36	46.7	7.4	22.7	2.2	35.0	58.7	Ideal	Acceptable	
				Nov-Jan	80800	1.47	0.1	0.9	3.50	24.3	6.9	87.7	20.9	20.7	27.3	Bad	Unacceptable	
				Feb-Apr	2973	0.50	0.1	1.4	0.50	14.7	7.0	24.7	8.2	16.3	10.3	Unacceptable	Acceptable	
				May-July	410	0.50	0.1	0.9	0.50	16.0	7.1	10.0	1.6	15.0	20.0	Good	Acceptable	
				Aug-Oct	5010	0.50	0.1	1.2	0.50	13.0	6.9	19.7	9.4	13.0	7.2	Unacceptable	Acceptable	
NS2	26 14 265	28 05 401	Natal Spruit, cnr Outspan and Neale Rds	Aug-Oct	5747	0.50	0.1	0.9	0.50	12.0	6.8	13.3	7.2	12.0	8.3	Unacceptable	Acceptable	
				Nov-Jan	16	0.50	0.2	1.8	0.50	52.0	7.7	15.2	17.3	12.0	12.0	Acceptable	Acceptable	
				Feb-Apr	1767	0.50	0.6	0.5	2.90	106.7	7.3	15.3	13.2	21.3	320.0	Good	Acceptable	
				May-July	11043	0.50	0.1	2.4	1.63	114.7	6.7	33.0	5.2	36.3	643.3	Unacceptable	Acceptable	
				Aug-Oct	282	0.50	0.3	3.2	0.59	140.0	7.6	33.7	2.9	45.7	1093.3	Good	Acceptable	
NS3	26 14 568	28 07 128	Natal Spruit, Pauline Smith Close, Elands Park	Nov-Jan	1553	0.50	0.1	1.4	0.67	78.3	7.1	17.7	18.0	22.3	306.7	Acceptable	Acceptable	
				Aug-Oct	3	0.50	0.1	2.1	1.86	89.0	4.6	252.7	40.5	40.0	276.7	Ideal	Acceptable	
				Nov-Jan	67	0.50	0.1	1.7	0.70	84.0	4.0	24.3	18.8	24.7	313.3	Ideal	Acceptable	
				Feb-Apr	378	0.50	0.2	2.6	2.47	80.3	3.8	41.3	14.4	47.3	406.7	Good	Acceptable	
				Aug-Oct	310	0.50	0.1	3.2	0.57	74.0	3.3	15.0	3.6	35.0	300.0	Good	Acceptable	
NS5	26 13 185	28 07 616	Natal Spruit, Ray Rd next to Metsep, Heriotdale	Aug-Oct	15927	0.50	0.2	0.9	0.50	54.7	8.1	26.3	37.0	27.3	247.7	Bad	Unacceptable	
				Nov-Jan	15067	0.50	0.1	2.3	2.40	51.0	5.3	103.0	13.8	28.0	256.7	Ideal	Acceptable	
				Feb-Apr	192	0.50	0.4	0.8	1.80	90.3	5.0	15.2	18.3	34.7	360.0	Ideal	Acceptable	
				May-July	23	0.50	0.1	1.9	3.23	87.3	4.1	31.3	18.1	37.7	473.3	Ideal	Unacceptable	
				Aug-Oct	740	0.50	0.1	2.1	1.00	91.0	3.7	10.0	11.0	31.0	340.0	Good	Acceptable	
OAD	26 14 884	27 54 662	Orlando Dam	Aug-Oct	71	0.50	0.2	0.7	7.37	78.7	6.2	45.7	25.0	39.0	296.7	Ideal	Acceptable	
				Nov-Jan	1180	0.50	0.1	1.1	2.98	65.0	6.6	16.0	7.7	26.0	230.0	Good	Acceptable	
				Feb-Apr	1903	0.50	0.1	2.6	6.33	51.0	6.6	79.7	7.3	39.0	153.3	Acceptable	Acceptable	
				May-July	403	0.50	0.1	3.6	0.50	51.7	6.7	74.3	188.2	32.3	140.0	Ideal	Acceptable	
				Aug-Oct	236	0.50	0.1	3.9	0.50	52.7	6.1	38.0	17.8	30.7	163.3	Good	Acceptable	
PIN1	26 09 440	27 51 117	Klip River, Fearick Str , Davidsonville	Aug-Oct	15	0.50	0.1	4.8	0.50	70.0	6.0	38.0	9.1	38.0	280.0	Ideal	Acceptable	
				Nov-Jan	44	0.50	0.1	3.21	50.0	6.8	70.7	13.2	37.7	123.3	Ideal	Acceptable		
				Feb-Apr	1151	0.50	0.3	2.7	0.71	61.7	5.3	91.7	15.7	33.3	161.7	Good	Acceptable	
				May-July	16100	0.50	0.1	0.5	5.33	74.0	7.4	55.7	38.2	40.7	180.3	Bad	Acceptable	
				Aug-Oct	8490	0.61	0.4	0.6	2.53	39.3	5.9	65.7	18.9	23.3	28.0	Unacceptable	Unacceptable	
RP1	26 13 597	28 01 345	Russell Stream Lake Rd Ophirton	Aug-Oct	31267	0.55	0.4	3.0	1.46	58.7	7.4	44.7	5.0	53.7	83.0	Unacceptable	Acceptable	
				Nov-Jan	0	0.50	0.2	0.9	1.30	30.0	7.2	20.0	1.6	29.0	42.0	Ideal	Good	
				Feb-Apr	1733	0.93	2.6	0.7	2.33	39.0	8.0	38.3	6.8	28.7	26.0	Acceptable	Acceptable	
				May-July	10800	0.67	0.4	0.5	2.47	37.3	7.2	103.3	8.4	26.7	33.7	Unacceptable	Acceptable	
				Aug-Oct	0	0.50	0.2	1.8	11.13									



Sample Point	S Co-ordinates E	Sample Description	PERIOD	E.COLL1	PO4	NO2	NO3	NH4	COND	PH	COD	TURBIDITY	CL	SO4	(Bacteriological)	(Chemical)	
SIA1	26 15 793	27 52 843	Klip Spruit, Vundla Rd, downstream Moroka Dam	Aug-Oct	267	0.50	0.5	0.6	0.94	51.0	7.6	27.3	3.6	30.7	64.7	Ideal	Acceptable
				Nov-Jan	3721	0.50	0.3	1.6	0.94	32.0	7.4	55.0	23.7	17.7	43.7	Good	Acceptable
				Feb-Apr	2617	0.50	0.2	2.3	0.95	44.0	7.5	34.7	14.3	26.3	72.0	Unacceptable	Acceptable
				May-July	2690	0.50	0.1	2.9	0.95	40.0	7.7	36.0	1.7	35.3	97.0	Unacceptable	Acceptable
				Aug-Oct	598	0.50	0.5	1.0	0.95	56.0	8.1	27.0	4.4	36.7	86.0	Good	Acceptable
SIA12	26 13 613	27 55 445	Klip Spruit Mzimhlope womens' hostel	Aug-Oct	1355	0.19	0.1	0.5	0.20	30.6	7.6	23.9	13.2	18.9	146.7	Good	Good
				Nov-Jan	6800	0.61	0.8	7.5	11.40	94.7	7.1	43.0	16.5	46.3	219.3	Bad	Good
				Feb-Apr	37367	0.50	0.1	0.5	8.97	72.7	6.9	30.7	35.7	34.0	296.7	Unacceptable	Acceptable
				May-July	47000	0.50	0.1	0.8	5.03	71.0	6.6	33.0	14.6	32.0	283.3	Unacceptable	Acceptable
				Aug-Oct	55000	0.50	0.1	0.6	11.00	120.0	6.6	29.0	6.3	47.0	710.0	Bad	Acceptable
SIA13	26 13 613	27 55 445	Klip Spruit tributary, Vincent Rd, NEAC Park	Aug-Oct	461000	0.50	0.1	0.5	10.90	65.7	7.3	35.0	21.6	24.0	300.0	Bad	Acceptable
				Nov-Jan	77000	0.50	0.1	0.5	4.93	79.3	6.0	51.0	11.8	25.7	296.7	Bad	Acceptable
				Feb-Apr	112667	0.93	0.3	4.0	9.43	72.3	7.2	45.7	29.0	35.3	86.0	Bad	Acceptable
				May-July	137333	0.50	0.7	1.8	3.00	39.7	7.4	36.0	26.5	18.7	24.0	Bad	Acceptable
				Aug-Oct	33333	0.50	1.2	3.0	3.2	31.0	7.5	33.0	7.2	23.0	40.7	Unacceptable	Acceptable
SIA15	26 14 020	27 49 183	Zembe Rd, Dobsonville	Aug-Oct	2700000	0.50	0.1	3.0	1.50	49.0	7.9	29.0	1.5	38.0	52.0	Bad	Good
				Nov-Jan	530000	0.93	2.1	1.2	8.12	70.3	7.5	68.7	12.5	25.7	27.3	Bad	Unacceptable
				Feb-Apr	2400000	3.83	0.1	0.5	22.33	67.0	7.5	118.3	39.1	35.7	38.7	Bad	Unacceptable
				May-July	53667	1.22	0.5	3.60	126.7	7.3	464.3	38.7	32.7	433.3	Bad	Good	
				Aug-Oct	38700	1.27	0.1	0.5	3.37	96.0	7.3	373.0	15.0	29.0	403.7	Bad	Unacceptable
SIA19	26 15 266	27 56 507	Bailey Spruit, pedestrian bridge, Imrnink Rd	Aug-Oct	321333	0.61	1.2	3.2	3.17	99.7	7.5	44.7	12.5	37.3	337.7	Bad	Unacceptable
				Nov-Jan	5100	0.50	0.5	3.2	0.91	93.0	7.5	88.0	2.1	35.0	530.0	Unacceptable	Acceptable
				Feb-Apr	902667	0.58	0.1	0.7	8.67	57.7	7.3	70.0	8.8	35.7	405.3	Bad	Unacceptable
				May-July	152000	0.95	0.5	1.1	6.33	79.7	7.6	69.3	13.6	33.0	33.0	Bad	Acceptable
				Aug-Oct	819067	1.43	0.1	1.8	10.60	77.7	7.2	93.0	12.0	44.3	101.0	Bad	Acceptable
SIA2	26 15 266	27 56 507	Klip Spruit, Vundla Rd, upstream Moroka Dam	Aug-Oct	95000	1.77	1.0	1.4	4.88	50.3	7.5	87.7	20.3	51.7	48.0	Bad	Unacceptable
				Nov-Jan	700667	0.67	0.3	3.3	2.93	52.3	7.4	67.3	10.5	57.0	52.3	Bad	Unacceptable
				Feb-Apr	2400000	1.80	0.1	0.5	10.00	46.0	7.0	240.0	12.0	48.0	60.0	Bad	Unacceptable
				May-July	143000	0.93	0.9	1.1	5.23	56.0	7.6	50.3	12.7	50.7	94.3	Bad	Unacceptable
				Aug-Oct	846000	0.70	0.5	2.5	3.76	52.0	7.5	37.7	11.1	57.7	62.0	Bad	Acceptable
SIA20	26 15 266	27 55 716	Diepkloof Spruit, Dynamo Rd, Power Park	Aug-Oct	317	0.50	0.4	2.5	1.43	50.0	7.6	31.3	17.4	29.3	63.3	Ideal	Acceptable
				Nov-Jan	8500	0.50	0.4	1.7	0.50	37.3	7.4	21.0	31.3	16.7	42.0	Acceptable	Acceptable
				Feb-Apr	1067	0.50	0.5	2.0	1.37	45.0	7.8	34.7	15.6	30.0	83.7	Good	Acceptable
				May-July	1690	0.50	0.2	2.6	0.74	57.0	7.8	15.0	2.7	48.0	120.0	Acceptable	Good
				Aug-Oct	1255	0.50	0.7	0.7	0.90	57.5	7.3	14.5	3.9	32.0	37.0	Acceptable	Good
SIA3	26 16 725	27 50 425	Klip river tributary, Alshnike Rd, Protea	Aug-Oct	37000	1.00	0.3	1.8	5.00	44.0	7.5	34.0	8.0	46.0	56.0	Bad	Acceptable
				Nov-Jan	18667	0.50	0.3	6.8	1.53	42.7	7.4	38.7	6.9	24.7	19.7	Bad	Acceptable
				Feb-Apr	11867	0.50	0.3	0.9	0.70	30.3	7.6	15.3	6.5	23.0	21.0	Unacceptable	Good
				May-July	10900	0.50	0.3	1.8	2.27	38.3	7.5	39.7	9.0	37.7	14.3	Unacceptable	Acceptable
				Aug-Oct	28000	0.50	0.1	1.0	0.52	33.0	7.7	20.0	3.3	32.0	30.0	Unacceptable	Good
SIA4	26 13 461	27 50 227	Mohajane Str, Dobsonville Gardens	Aug-Oct	19400	0.50	1.0	4.2	0.50	36.3	7.3	16.3	4.0	40.7	14.0	Unacceptable	Good
				Nov-Jan	18453	0.50	0.4	1.0	0.90	37.3	7.6	17.7	15.8	29.3	69.7	Unacceptable	Acceptable
				Feb-Apr	2100000	2.60	0.1	6.3	17.63	75.0	7.0	396.7	32.2	96.3	45.0	Bad	Acceptable
				May-July	1310000	0.34	0.3	1.1	7.27	53.0	7.5	55.7	9.4	36.3	49.0	Bad	Acceptable
				Aug-Oct	490000	0.81	0.4	1.1	6.33	52.3	7.6	69.3	13.6	33.0	127.7	Bad	Unacceptable
SIA5	26 13 461	27 50 227	Klip river tributary, Cnr Lekuru & Tsamaisa	Aug-Oct	370000	1.00	0.3	1.8	5.00	44.0	7.5	34.0	8.0	46.0	56.0	Bad	Acceptable
				Nov-Jan	186667	2.27	0.3	0.5	8.57	30.3	7.4	43.0	31.0	39.3	54.3	Bad	Unacceptable
				Feb-Apr	243900	1.68	0.1	3.5	10.50	135.0	7.3	102.0	12.1	33.0	420.0	Bad	Unacceptable
				May-July	156333	0.87	0.2	2.2	3.57	59.3	7.2	37.3	33.0	32.0	378.0	Bad	Acceptable
				Aug-Oct	81640	0.62	0.2	1.3	2.10	88.3	7.5	111.0	20.2	27.3	229.7	Bad	Acceptable
SIA8	26 15 035	27 53 82	Klip Spruit tributary, Nancefield Rd, Moroka	Aug-Oct	36667	0.61	0.4	5.3	2.27	112.3	7.5	33.0	8.7	34.7	310.0	Unacceptable	Acceptable
				Nov-Jan	1700	0.50	0.1	1.8	0.64	110.0	7.7	20.0	0.7	32.0	80.0	Acceptable	Acceptable
				Feb-Apr	233333	1.47	0.1	0.6	7.17	79.0	7.5	72.7	7.7	35.3	202.7	Bad	Unacceptable
				May-July	146667	0.99	0.7	0.6	7.33	83.0	7.5	27.7	8.8	33.3	220.0	Bad	Acceptable
				Aug-Oct	286667	0.97	0.5	3.0	3.97	69.3	7.2	82.0	7.0	33.7	175.7	Bad	Acceptable
SIA9	26 14 619	27 53 081	Klip Spruit, Mailkazi Rd, Moroka	Aug-Oct	137000	1.27	0.3	4.0	2.43	38.0	7.2	173.3	16.3	32.3	49.0	Bad	Acceptable
				Nov-Jan	807733	0.83	0.1	5.5	5.67	56.3	7.6	55.3	8.0	46.0	75.7	Bad	Unacceptable
				Feb-Apr	18000	0.50	0.1	8.2	0.50	44.0	8.0	20.0	1.2	49.0	74.0	Unacceptable	Acceptable
				May-July	882467	1.50	0.1	0.7	7.20	53.3	7.3	90.0	7.5	35.0	206.0	Bad	Unacceptable
				Aug-Oct	889333	1.21	0.6	0.9	9.80	60.7	7.6	39.3	36.2	39.7	64.7	Bad	Acceptable
SIA8	26 15 035	27 53 82	Klip Spruit tributary, Nancefield Rd, Moroka	Aug-Oct	36913	0.68	0.8	4.0	3.37	38.0	7.4	27.3	4.8	23.7	16.7	Bad	Acceptable
				Nov-Jan	3910	0.63	0.9	0.9	3.63	33.7	7.4	21.0	18.7	23.3	23.3	Good	Acceptable
				Feb-Apr	60333	0.56	0.9	2.1	4.07	38.7	7.5	36.3	6.4	27.7	31.0	Bad	Acceptable
				May-July	25000	1.20	0.1	0.5	9.00	46.0	7.7	34.0	1.4	31.0	36.0	Unacceptable	Acceptable
				Aug-Oct	27540	1.07	0.1	2.6	5.97	36.3	7.4	48.0	4.8	26.0	23.3	Unacceptable	Acceptable
SIA9	26 14 619	27 53 081	Klip Spruit, Mailkazi Rd, Moroka	Aug-Oct	1246667	1.27	0.7	0.5	9.70	43.7	7.3	46.0	11.4	26.7	30.0	Bad	Unacceptable
				Nov-Jan	849000	1.70	0.2	1.9	8.70	42.7	7.3	73.7	24.6	25.7	23.0	Bad	Acceptable
				Feb-Apr	38667	1.30	0.4	0.7	7.53	60.7	7.1	36.0	8.5	27.0	25.3	Unacceptable	Acceptable
				May-July	416667	2.22	0.9	3.5	12.90	52.3	7.4	55.3	15.9	46.7	22.7	Bad	Unacceptable
				Aug-Oct	34000	2.50	0.1	0.5	18.00	44.0	7.4	170.0	22.0	36.0	68.0	Unacceptable	Unacceptable
SIN1	26 08 826	27 51 587	Klip River, cnr Nickel and Serfontein	Aug-Oct	83967	1.47	0.3	3.3	5.30	57.3	7.5	30.7	4.0	23.0	13.7	Bad	Acceptable
				Nov-Jan	2100000	3.27	0.1	0.5	16.87	54.3	7.4	111.3	23.7	33.7	40.3	Bad	Unacceptable
				Feb-Apr	97	0.50	0.2	2.4	0.50	25.3	6.6	18.3	2.5	20.0	22.0	Ideal	Acceptable
				May-July	263	0.50	0.1	2.7	0.50	30.0	6.9	17.7	2.5	35.7	25.3	Ideal	Good
				Aug-Oct	353	0.50	0.1	2.3	0.90	23.7	7.0	18.0	2.1	22.7	22.7	Good	Good
SIN2	26 09 027	27 51 808	Klip River Bulekanti Str Roodepoort West	Aug-Oct	4900	0.50	0.1	1.6	0.50	17.0	7.1	39.0	9.4	13.0	28.0	Unacceptable	Acceptable
				Nov-Jan	322	0.50	0.1	3.9	3.67	214.7	6.8	39.3	16.2	23.0	488.7	Good	Unacceptable
				Feb-Apr	330	0.50	0.1	3.1	2.5	7.0	15.0	8.5	17.5	21.0	30.0	Good	Acceptable
				May-July	3	0.50	0.2	0.5	0.53	24.3	8.0	25.3	1.0	10.2	13.0	Ideal	