



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
B10	Blesbokspruit Weir @ Heidelberg S26.511 E28.351	0.01	0.12	21	44	63	100	5.8	9,310	0.42	0.02	17	0.13	0.69	7.6	0.42	42	120	24
		0.01	0.35	20	60	68	100	6.2	35,790	0.34	0.01	19	0.08	1.05	7.8	0.38	52	113	13
		0.03	0.48	24	76	81	100	5.8	336	0.26	0.01	22	0.17	1.89	7.7	0.41	60	149	14
		0.03	0.14	28	76	89	100	6.2	1,490	0.32	0.01	22	0.14	1.60	8.0	0.53	79	120	32
K19	Klip River Weir @ Redan Train Bridge S26.620 E27.981	<0.01	0.33	24	48	68	100	6.8	5,010	0.29	0.02	18	0.19	3.10	7.2	0.50	42	130	36
		0.01	0.80	27	52	67	100	6.9	4,426	0.27	0.04	19	0.25	3.91	7.5	0.28	45	139	39
		0.02	0.61	30	56	71	100	5.6	1,449	0.17	0.02	19	0.40	4.99	7.5	0.30	45	124	30
		0.01	0.46	29	55	69	100	5.6	1,690	0.25	0.02	16	0.25	4.20	7.4	0.35	51	130	72
LS1	Leeuspruit @ Sasolburg S26.802 E27.799	<0.01	0.23	23	39	60		7.7	19,070	0.42	0.03	11	0.15	0.42	6.7	0.19	39	83	<10
		0.03	0.24	40	86	95		3.4	518,369	0.67	0.08	17	0.29	0.98	7.8	0.25	89	252	14
		0.01	2.80	36	72	88		4.5	80,948	0.49	0.03	21	0.71	0.29	7.9	0.58	72	115	19
		0.02	0.17	27	55	84		2.7	590	0.70	0.05	13	0.46	0.15	7.1	0.38	65	105	15
RV2	Rietspruit Weir @ Loch Vaal S26.729 E27.718	0.06	0.36	23	41	64	100	4.5	8,100	0.60	0.05	17	0.06	3.30	7.3	0.69	39	130	64
		0.01	0.48	25	47	66	100	6.6	5,624	0.48	0.01	20	0.13	4.26	7.4	0.93	41	139	64
		0.01	0.94	26	49	69	100	6.0	3,731	0.48	0.02	19	0.16	4.57	7.4	1.53	41	141	24
		0.10	0.35	26	41	63	100	4.7	6,820	0.44	0.02	17	0.13	5.10	7.3	1.10	40	135	64
S2	Suikerbosrant River Weir @ Three Rivers S26.671 E28.030	0.09	0.12	25	31	47	100	6.4	1,900	0.30	0.13	14	0.04	0.63	7.5	0.18	28	78	41
		0.01	0.24	20	51	60	100	6.0	989	0.31	0.01	18	0.04	0.99	8.0	0.22	41	93	25
		0.01	0.24	22	69	74	100	6.9	50	0.24	0.01	21	0.03	1.85	8.1	0.16	48	123	18
		0.04	0.12	26	75	82	100	6.4	310	0.31	0.01	22	0.02	0.90	8.1	0.28	72	115	16
TW2	Stream from Webb's Farm S26.804 E27.910	<0.01	0.31		210	120		8.3	6,720	0.93	0.02	25	0.18	2.80	7.2	1.50	91	145	
		<0.01	0.24		166	99		6.6	884	0.84	0.02	24	0.12	2.52	8.0	1.44	91	124	
		0.01	<0.24		143	99		8.2	1,848	0.66	0.01	24	0.21	2.33	8.2	1.22	82	142	
		0.04	0.23		145	105		5.8	4,210	0.77	0.03	23	0.45	0.75	7.7	1.70	96	150	
V17	Vaal River @ Barrage Outlet S26.764 E27.684	0.69	0.16	19	17	31	100	5.9	445	0.29	0.37	9.9	0.02	1.40	7.1	0.22	18	49	19
		0.06	0.26	18	44	59	100	7.2	60	0.21	0.06	20	0.03	1.97	8.0	0.36	39	116	79
		0.01	0.31	22	53	67	100	8.9	766	0.26	0.03	20.0	0.01	3.28	8.2	0.24	38	128	25
		0.02	0.15	23	55	72	100	6.8	130	5.00	0.01	18.0	0.04	2.20	7.8	0.24	52	115	18
V2	Vaal River @ Engelbrecht's Drift Weir S26.854 E28.121	1.20	0.24	22	<10	18	100	6.0	760	0.20	0.77	7.7	0.42	0.35	7.2	0.04	12	26	110
		1.01	0.74	13	20	17	100	7.9	62	0.36	0.77	9.0	0.03	1.75	7.9	0.81	12	56	76
		2.09	<0.24	18	5	18	100	7.7	50	0.17	1.28	6.0	0.02	0.34	7.4	0.06	7	13	97
		1.20	0.12	16	<10	19	100	6.6	200	0.18	0.71	6.6	0.02	0.23	7.0	0.06	7.9	15	92
VRB24	Vaal River @ 24 km Beacon S26.751 E27.833	0.39	0.12	19	23	38		5.4		0.24	0.25	10	0.02	1.50	0.2	23.00	53	7.5	58
		0.01	0.38	17	47	62				0.33	0.02	17	0.07	2.56	7.6	0.28	38	132	11
		0.01	0.39	24	56	68				0.19	0.01	20	0.10	4.13	8.3	0.20	45	121	15
		0.02	0.12	26	55	70				0.26	0.02	16	0.06	3.10	7.8	0.23	51	115	<10
VRB37	Vaal River @ 37 km Beacon S26.695 E27.934	0.37	0.18	15	22	39		5.3	1,000	0.26	0.23	10	0.04	1.40	7.4	0.20	22	55	67
		0.01	0.45	18	47	63			1,557	0.30	0.02	18	0.21	2.98	7.5	0.24	39	148	14
		0.01	0.37	22	55	69			521	0.19	0.06	19	0.30	4.50	7.7	0.26	50	119	12
		0.03	0.27	24	54	71			465	0.25	0.02	17	0.21	3.10	7.5	0.24	50	135	12

Key

K19	Klip River Weir @ Redan Train Bridge	<0.01	0.33	- 1 Jan to 31 Mar 2011
		0.01	0.80	- 1 Apr to 30 Jun 2011
		0.02	0.61	- 1 Jul to 30 Sep 2011
		0.01	0.46	- 1 Oct to 31 Dec 2011

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable