



Sample Points	Sample Point Description	Aluminium	Ammonia	Chemical Oxygen Demand	Chloride	Conductivity	Daphnia Toxicity	Dissolved Oxygen	Faecal coliforms	Fluoride	Iron	Magnesium	Manganese	Nitrate	pH	Phosphate	Sodium	Sulphate	Suspended Solids
1	Blesbokspruit @ Snake Rd S26°10'.988" E28°20'.039"	0.30	27	22	27			5.5	38					<0.10	7.7	<0.10		45	11
		1.80	12	32	34			5.5	37						1.00	7.8	<0.10		45
2	Blesbokspruit @ Main Reef Rd S26°12'.011" E28°23'.403"	0.50	16	50	41			4.9	140					1.60	7.1	0.20		100	<10
		7.20	14	61	57			4.9	39					2.60	7.3	0.50		45	<10
3	Blesbokspruit @ Enstra Rd S26°12'.983" E28°26'.498"	0.07	0.50	19	42	41		4.8	31		0.12			0.50	7.5	<0.10	39	67	<10
		<0.05	0.10	21	51	46		5.7	23		0.20			0.40	7.3	<0.10	38	61	<10
4	Cowles Dam S26°12'.288" E28°27'.292"	0.16	0.30	47	70	59		4.7	120	0.30	0.18			0.60	7.4	<0.10	37	89	36
		0.16	0.70	26	62	62		5.5	12	0.30	0.26			<0.10	7.8	<0.10	54	90	<10
5	Blesbokspruit @ Welgedacht S26°11'.942" E28°28'.784"	19.30	135	122	111			3.3	190,000					1.80	7.6	2.40		175	56
		11.50	38	91	90			5.1	14,000					0.60	7.7	0.70		138	18
6	R555 Road Bridge on Blesbokspruit S26°12'.879" E28°28'.785"	8.70	48	80	81			4.8	120,000					1.40	7.6	1.00		125	21
		11.50	38	91	90			5.1	8,100					0.60	7.7	0.70		138	18
7	Blesbokspruit on R29 Ermelo Road Bridge S26°12'.739" E28°28'.820"	5.00	<10	100	90			6.0	17	0.30	0.05	19		1.00	7.5	0.90	89	155	
		5.70	<10	110	96			5.3	18	0.30	0.15	18		1.50	7.6	0.30	101	185	
		5.30	<10	90	96			6.0	19	0.30	0.08	16		1.20	7.3	0.80	88	155	
8	Nigel R51 Road Bridge to Balfour S26°25'.676" E28°30'.196"	0.40	12	85	79			5.4	390	0.40	0.38	21		0.20	8.1	0.70	68	120	
		<0.10	15	95	86			6.0	130	0.30	0.08	19		<0.10	7.9	0.30	74	130	
9	Nigel stormwater canal on R42 Road S26°24'.929" E28°27'.960"	0.30	10	105	95			7.4	270	0.30	0.15	18		0.30	7.9	0.20	120	140	
		0.20	13	31	46			5.4	7	0.30	0.17			0.20	7.8	0.10		77	
		0.20	18	35	44			6.4	18	0.30	0.17			0.10	7.6	<0.10		380	
10	Poortjie Road on Blesbokspruit S26°28'.720" E28°25'.530"	0.50	<10	33	46			6.6	240	0.40	0.38			0.30	7.3	<0.10		76	
		0.30	<10	75	74			5.6	190	0.30	0.19	20		0.50	8.2	0.50	63	94	
		0.70	19	85	78			6.5	1,300	0.30	0.11	17		0.90	7.7	0.50	70	120	
11	Stream from Duduza at Kaydale S26°28'.623" E28°24'.261"	1.30	<10	90	86			6.7	3	0.40	0.17	16		2.00	7.7	0.20	104	120	
		5.20	26	36	49				310	0.20				2.70	7.7	0.50		43	
		4.80	16	40	49				210					3.90	7.3	0.70		52	
12	Colliery point on Suikerbosrand S26°37'.793" E28°17'.797"	39.10	430	75	101				380					0.40	7.2	0.50		42	
		0.30	27	18	25				32	0.30		11		0.10	7.7	<0.10	21	24	
		<0.10	21	24	28				4	0.20		11		<0.10	7.5	<0.10	21	23	
13	Suikerbosrand River @ Vereeniging S26°40'.891" E28°03'.034"	0.20	21	23	30				35	0.20		11		0.30	7.2	<0.10	29	27	
		0.50	17	65	62				160	0.30		18		1.20	8.3	0.30	55	81	
		<0.10	17	67	67				79	0.30		3		2.20	8.2	<0.10	58	87	
		0.20	<10	70	72				80	0.30		16		2.70	8.1	0.20	58	92	

Key

4	Cowles Dam S26°12'.288" E28°27'.292"	0.16	0.30	47	- May 2013
		0.16	0.70	26	- June 2013
					- July 2013

Water Quality Guidelines

	- Ideal
	- Acceptable
	- Tolerable
	- Unacceptable