

Department: Water Affairs

Quarterly Water Quality Status of the Blesbokspuit/Suikerbosrand Catchment

Feb 2013 - March 2013



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	Blesbokspuit @ Snake Rd S 26° 10'.988" E 28° 20'.039"	0.30	53	24	27			6.48	79					<0.1	6.8	0.1		33	26
		0.5	56	27	28			5.88	150					<0.1	7.6	<0.1		29	21
		<0.1	18	29	31			5.05	530					<0.1	8.5	0.3		59	10
2	Blesbokspuit @ Main Reef Rd S 26° 12'.011" E 28° 23'.403"	0.30	18	36	37			5.57	34					0.4	7.1	0.1		32	<10
		1.2	25	42	37			4.71	49					0.7	7.2	<0.1		43	<10
		<0.1	16	95	42			4.44	82					1.2	7.4	0.7		55	<10
3	Blesbokspuit @ Enstra Rd S 26° 12'.983" E 28° 26'.498"	0.10	0.10	20	39	42		5.79	44		0.09			0.4	7.2	0.1	29.6	63	10
		0.1	0.5	27	46	41		5.13	130		0.27			<0.1	7.7	<0.1	38.2	56	12
		0.07	0.20	16	95	42		4.44	100			7.16		0.1	7.6	0.3	33.6	145	<10
4	Cowles Dam S 26° 12'.288" E 28° 27'.292"	0.30	0.80	27	50	50		5	10	0.3	0.10			<0.1	6.9	0.1	34.4	75	12
		0.3	0.7	35	56	53		4.83	13	0.4	0.12			1.1	8.3	<0.1	48.2	70	18
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Blesbokspuit @ Welgedacht S 26° 11'.942" E 28° 28'.784"	3.00	1385	95	69			2.54	450000					0.2	7.0	3.2		88	1068
		3	66	76	60			2.69	48000					0.3	7.2	0.3		65	46
		<0.1	133	115	96			4.16	6800					6.2	7.4	1.5		250	582
6	R555 Road Bridge on Blesbokspuit S 26° 12'.879" E 28° 28'.785"	1.70	26	80	58			4.74	42000					0.2	7.1	1.3		74	<10
		1.6	34	63	60			3.35	33000					<0.1	7.3	0.4		70	13
		<0.1	62	100	87			4.06	36000					4.2	7.5	1.7		160	51
7	Blesbokspuit on R29 Ermelo Road Bridge	2.80	24.00	75.00	71.0			24.0		0.20	0.46	17.40		<0.1	7.0	2.0	64.9	205.0	
		<0.1	10.00	70.00	68.0			10.0	51.00	0.20	0.15	11.70		<0.1	7.5	1.8	64.3	150.0	
8	Nigel R51 Road Bridge to Balfour	<0.1	20.00	80.00	78.0			7.2		0.20	0.13	20.50		0.10	7.1	0.9	65.2	97.0	
		<0.1	28.0	85.00	81.0				37000.0	0.20	0.06	17.10		<0.1	8.0	1.0	72.0	77.0	
9	Nigel stormwater canal on R42 Road	<0.1	10.00	36.00	49.0				25.00	0.20				0.10	7.1	<0.1		73.0	
		<0.1	<10	34.00	48.0			6.64	29.00	0.20	0.16			0.20	7.3	0.30		205.0	
10	Poortjie Road on Blesbokspuit	0.90	32.00	75.00	74.0			4.70	43.00	0.20	0.18	18.40		1.80	7.0	0.6	65.0	79.0	
		<0.1	15.00	70.00	73.0				13000.0	0.20	<0.04	13.70		2.90	7.5	0.30	65.1	235.0	
11	Stream from Duduza at Kaydale	2.90	26.00	39.00	45.00				280	0.20				4.30	7.3	0.50		38.0	
		0.30	<10	35.00	50.00				1300.00					8.90	7.5	0.8		170.0	
12	Colliery point on Suikerbosrand	0.40	31.00	22.0	27.00				13.00	0.20		11.30		0.30	7.1	0.10	23.5	30.0	
		<0.1	19.00	24.0	28.00				16.00	0.40		15.10		<0.1	7.0	0.30	21.8	53.0	
13	Suikerbosrand River @ Vereeniging	<0.1	18.00	60.00	61.00				34.00	0.20		16.00		1.50	7.3	0.20	47.6	64.0	
		<0.1	<10	60	61.00				300	0.40		11.60		2.30	8.1	3.0	53.4	22.0	