



EKURHULENI METROPOLITAN MUNICIPALITY

Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2017/10/31

SAMPLE POINT	QUARTER	ELEMENT													
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	FCOLI	FE_TOT	MN_TOT	N	NA	NOX	P	PH	SS	SULPHATES
BENONI AMATAPAN OUTLET	1	0.2		78.0	69.0	28.0	0.6	0.1	0.1	57.6	2.3	0.1	7.0	19.0	96.0
	2	0.1		47.0	73.0	59.0	0.4	0.1	0.1	57.8	1.7	0.2	8.2	34.0	92.0
	3	0.1		32.0	69.0	17.0	0.1	0.1	0.1	52.9	6.1	0.1	7.3	12.0	94.0
	4	0.1		18.0	73.0	48.0	0.3	0.1	0.1	80.1	10.2	0.2	6.8	5.0	94.0
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.1		42.0	26.0	360.0	0.4	0.1	0.1	18.3	0.1	0.1	7.2	5.0	28.0
	2	0.0		24.0	27.0	60.0	0.1	0.1	0.1	16.8	0.1	0.2	8.9	5.0	31.0
	3	0.1		63.0	28.0	39.0	0.2	0.1	0.1	15.7	0.1	0.1	7.5	12.0	37.0
	4	0.1		5.0	28.0	800.0	0.1	0.1	0.1	17.8	0.3	0.1	7.1	10.0	34.0
BENONI HOMESTEAD DAM	1	0.1		19.0	26.0	100.0	0.1	0.1	0.1	17.0	0.2	0.1	8.1	5.0	28.0
	2	0.1		14.0	26.0	110.0	0.3	0.1	0.2	15.7	0.1	0.2	6.8	5.0	27.0
	3	0.1		51.0	26.0	7.0	0.1	0.1	0.9	16.1	0.3	0.2	7.8	21.0	32.0
	4	0.1		29.0	28.0	150.0	0.5	0.1	0.1	22.0	0.9	0.1	7.4	5.0	32.0
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.0		31.0	27.0	17.0	0.2	0.1	0.1	18.8	0.1	0.1	7.6	5.0	32.0
	2	0.0		37.0	28.0	40.0	0.0	0.1	2.7	18.9	0.1	3.3	9.4	5.0	34.0
	3	0.1		34.0	31.0	34.0	0.1	0.1	0.1	19.9	0.3	0.1	7.8	5.0	38.0
	4	0.1		32.0	33.0	33.0	0.1	0.1	0.1	33.2	0.8	0.1	7.3	14.0	41.0
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1		35.0	27.0	80.0	0.4	0.1	0.1	18.6	0.2	0.1	7.4	5.0	29.0
	2	0.0		11.0	28.0	240.0	0.2	0.1	1.5	19.8	0.2	0.6	8.5	5.0	27.0
	3	0.1		31.0	27.0	330.0	0.2	0.1	0.3	17.4	0.8	0.1	7.2	5.0	42.0
	4	0.1		14.0	27.0	56.0	0.1	0.1	0.1	17.0	0.5	0.1	7.7	5.0	33.0
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.4		30.0	21.0	66.0	0.3	0.1	0.7	12.7	0.2	0.1	8.8	13.0	25.0
	2	0.3		44.0	20.0	17.0	0.5	0.1	0.1	12.6	0.1	0.3	8.0	175.0	21.0
	3	0.2		55.0	22.0	8.0	0.3	0.1	0.4	9.5	1.0	0.1	7.8	20.0	36.0
	4	0.1		66.0	23.0	560.0	0.7	0.1	0.1	17.0	0.2	0.1	7.9	30.0	25.0
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.1		17.0	49.0	8 900.0	0.3	0.1	0.3	35.7	0.2	0.2	7.3	60.0	90.0
	2	0.1		31.0	60.0	360.0	1.0	0.1	0.1	45.8	0.1	0.2	7.2	5.0	125.0
	3	0.6		21.0	60.0	1 700.0	0.8	0.1	0.4	58.5	0.3	0.1	7.8	25.0	206.0
	4	0.2		11.0	64.0	32 000.0	0.5	0.1	0.2	81.4	2.1	0.1	6.7	5.0	109.0
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.2		17.0	54.0	36.0	0.1	0.1	0.1	38.2	0.1	0.1	8.0	5.0	110.0
	2	0.2		34.0	55.0	14.0	0.2	0.1	0.1	42.4	0.1	0.1	8.0	11.0	124.0
	3	0.2		22.0	56.0	24.0	1.1	0.2	0.1	44.5	0.3	0.3	7.6	11.0	115.0
	4	0.1		30.0	49.0	4.0	0.1	0.1	0.8	47.6	0.2	0.4	7.9	5.0	120.0
SPRINGS ALEXANDA DAM OUTFLOW	1	0.1		23.0	69.0	330.0	0.1	0.1	0.5	23.9	0.2	0.1	7.2	13.0	190.0
	2	0.1		5.0	51.0	26.0	0.6	0.1	0.1	43.7	0.2	0.1	7.4	5.0	92.0
	3	0.2		75.0	42.0	2.0	1.3	1.3	0.1	11.1	0.1	0.1	7.5	5.0	64.0
	4														
SPRINGS PAST COWLESDAM	1														
	2	0.2		24.0	67.0	23 000.0	0.3	0.1	2.8	55.8	1.2	0.3	7.7	5.0	111.0
	3														
	4														

Quarter 1: 2017/03/01 - 2017/03/31
 Quarter 3: 2017/05/01 - 2017/05/31

Quarter 2: 2017/04/01 - 2017/04/30
 Quarter 4: 2017/06/01 - 2017/06/30

	Ideal		Acceptable
	Tolerable		Unacceptable