



CITY OF EKURHULENI

Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2020/10/30

SAMPLE POINT	QUARTER	ELEMENT												
		AL_TOT	COD	CONDUCTIVITY	FCOJ	FE_TOT	MN_TOT	N	NA	NOX	P	PH	SS	SULPHATES
BENONI AMATAPAN OUTLET	1	0.3	53.0	68.0	305.0	0.9	0.1	0.3	71.4	0.6	0.1	7.3	38.5	81.5
	2	0.1	21.5	57.5	275.0	0.6	0.2	0.9	76.9	0.1	0.2	7.1	14.5	66.0
	3													
	4	0.5	88.0	76.0	37.0	0.6	0.1	1.3	75.6	4.2	0.2	9.1	27.0	129.0
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.1	29.0	22.0	5 500.0	0.5	0.1	0.4	13.1	0.1	0.1	7.3	5.0	33.0
	2	0.1	30.5	22.5	755.0	0.4	0.2	0.3	21.2	0.1	0.1	7.2	12.0	22.5
	3													
	4													
BENONI HOMESTEAD DAM	1	0.4	38.5	33.5	36.5	0.7	0.2	0.2	28.0	0.1	0.1	8.6	22.5	32.0
	2	0.1	27.0	21.5	295.0	0.2	0.1	0.2	15.5	0.1	0.1	7.9	11.0	22.5
	3													
	4	0.3	15.0	32.0	21.0	0.6	0.1	0.4	24.5	0.2	0.1	7.6	12.0	27.0
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.4	30.0	38.0	660.0	1.0	0.7	0.1	32.7	0.1	0.1	7.9	46.0	49.0
	2	0.1	12.5	24.5	215.0	0.4	0.2	0.3	25.0	0.1	0.1	7.2	19.5	53.0
	3													
	4	0.3	38.0	45.0	190.0	0.4	0.1	0.1	31.2	0.1	0.1	8.2	10.0	60.0
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1	13.0	25.5	125.0	0.6	0.3	0.1	17.5	0.8	0.1	7.3	5.0	27.0
	2	0.1	29.0	22.5	10 670.0	0.6	0.5	0.2	21.8	0.3	0.1	7.2	18.5	25.0
	3													
	4	0.1	34.0	21.0	30.0	0.3	0.1	0.1	14.4	2.9	0.1	6.8	5.0	19.0
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.3	28.5	28.0	654.0	0.8	0.1	1.3	21.4	0.1	0.1	8.1	36.5	26.5
	2	0.2	33.0	19.7	693.7	0.4	0.1	0.5	13.6	0.1	0.1	7.9	14.0	24.7
	3													
	4	0.5	5.0	25.0	32.0	0.7	0.1	0.2	18.4	0.1	0.1	8.4	21.0	24.0
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.1	44.3	61.0	9 933.7	0.5	0.7	6.4	51.2	0.2	3.1	7.4	18.0	21.0
	2	0.2	25.0	36.3	2 446.7	0.5	0.1	1.0	32.7	0.6	0.3	7.1	5.0	37.3
	3													
	4	0.2	45.0	70.0	15.0	0.8	0.8	4.6	61.8	0.1	4.1	7.1	20.0	25.0
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.2	12.5	68.0	16.5	0.2	0.2	0.1	72.3	0.1	0.1	8.6	8.0	104.5
	2	0.2	17.3	44.0	117.0	0.3	0.4	0.3	43.8	0.2	0.1	7.7	5.0	82.7
	3													
	4													
SPRINGS ALEXANDA DAM OUTFLOW	1	0.2	34.5	60.5	415.0	0.3	0.1	0.6	61.4	0.1	0.1	7.7	5.0	78.5
	2	0.1	41.5	39.5	154.0	0.1	0.2	0.6	39.3	0.5	0.6	7.4	61.5	32.5
	3													
	4	4.0	52.0	63.0	110.0	4.1	0.5	0.3	56.8	1.3	0.4	8.1	145.0	88.0
SPRINGS PAST COWLESDAM	1	0.2	85.0	117.0	210.0	0.1	0.1	2.8	126.3	0.1	0.1	8.2	16.0	71.0
	2	0.1	52.0	58.0	18.5	0.1	0.2	0.6	48.8	0.1	0.3	8.0	26.5	39.0
	3													
	4													

Quarter 1: 2019/10/01 - 2019/12/31
 Quarter 3: 2020/04/01 - 2020/06/30

Quarter 2: 2020/01/01 - 2020/03/31
 Quarter 4: 2020/07/01 - 2020/09/30

	Ideal		Acceptable
	Tolerable		Unacceptable