







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	0.1		18.0	73.0	48.0	0.3	0.1	0.1	80.1	10.2	0.2	6.8	5.0	94.0
	2	0.2		29.0	78.0	12.0	0.4	0.1	0.1	117.9	15.0	0.4	6.3	5.0	102.0
	3														
	4	0.2		40.0	78.0	39.0	0.3	0.1	0.1	73.5	4.4	0.1	7.5	14.0	102.0
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	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
	2	0.2		38.0	30.0	710.0	0.5	0.2	0.1	31.4	0.1	0.5	6.5	5.0	30.0
	3														
	4	0.2		21.0	33.0	1300.0	0.3	0.1	0.4	21.3	0.2	0.1	8.3	5.0	40.0
BENONI HOMESTEAD DAM	1	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
	2	0.2		25.0	29.0	2.0	0.4	0.1	0.3	19.2	0.1	0.1	6.8	5.0	48.0
	3	0.2		12.0	30.0	5.0	0.3	0.1	0.2	20.0	0.2	0.1	8.1	5.0	33.0
	4														
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	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
	2	0.2		111.0	38.0	24.0	0.7	0.3	0.5	46.3	1.7	0.6	7.9	25.0	43.0
	3														
	4	1.0		51.0	42.0	120.0	2.9	1.7	0.1	30.0	1.0	0.1	7.6	86.0	57.0
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	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
	2	0.2		26.0	29.0	700.0	0.4	0.1	0.2	39.2	0.4	0.5	7.0	13.0	29.0
	3														
	4	0.0		11.0	29.0	420.0	0.6	0.4	0.3	19.4	0.5	0.1	7.2	5.0	29.0
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	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
	2	0.3		51.0	24.0	820.0	0.7	0.2	0.6	15.5	0.2	0.1	7.3	20.0	34.0
	3	0.3		48.0	25.0	23.0	0.9	0.1	0.2	17.0	6.0	0.6	9.2	5.0	27.0
	4														
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.2		11.0	64.0	32000.0	0.5	0.1	0.2	81.4	2.1	0.1	6.7	5.0	109.0
	2	0.1		31.0	65.0	200.0	0.2	0.1	0.1	66.5	4.4	0.1	7.4	5.0	120.0
	3	0.4		5.0	66.0	190.0	0.9	0.1	0.3	61.2	5.0	0.1	7.0	12.0	119.0
	4	0.3		38.0	71.0	510.0	0.8	0.1	0.4	58.0	5.0	0.2	7.1	23.0	106.0
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	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
	2	0.4		36.0	62.0	0.0	0.3	0.3	0.4	49.8	0.2	0.1	6.7	5.0	123.0
	3	0.3		26.0	63.0	4.0	0.3	0.3	0.4	54.0	0.3	0.1	8.2	5.0	128.0
	4	0.3		20.0	64.0	10.0	0.3	0.1	0.6	58.0	1.5	0.3	8.2	13.0	138.0
SPRINGS ALEXANDA DAM OUTFLOW	1														
	2	0.2		78.5	81.0	1204.0	1.0	1.8	4.3	69.4	0.2	0.1	6.4	21.5	104.5
	3	0.1		17.0	57.0	52.0	0.2	0.1	0.2	46.2	0.1	0.1	8.5	5.0	31.0
	4	0.1		5.0	59.0	26.0	0.2	0.1	0.1	51.1	0.1	0.1	7.4	5.0	103.0
SPRINGS PAST COWLESDAM	1														
	2														
	3														
	4														

Quarter 1: 2017/06/01 - 2017/06/30
 Quarter 3: 2017/08/01 - 2017/08/31

Quarter 2: 2017/07/01 - 2017/07/31
 Quarter 4: 2017/09/01 - 2017/09/30

	Ideal		Acceptable
	Tolerable		Unacceptable