



CITY OF EKURHULENI





Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2018/05/07

SAMPLE POINT	QUARTER	ELEMENT												
		AL_TOT	COD	CONDUCTIVITY	FCOLI	FE_TOT	MN_TOT	N	NA	NOX	P	PH	SS	SULPHATES
BENONI AMATAPAN OUTLET	1													
	2	0.1	40.0	59.0	330.0	0.6	0.1	0.4	50.2	0.8	0.1	7.3	26.0	59.0
	3	0.1	42.0	62.0	60.0	0.6	0.1	0.8	50.7	1.2	0.1	6.8	20.0	85.0
	4	0.5	74.0	62.0	570.0	1.1	0.2	0.5	36.7	1.3	0.1	7.0	65.0	118.0
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1													
	2	0.1	30.0	53.0	119 000.0	0.6	0.2	1.2	46.6	1.2	0.1	7.4	54.0	65.0
	3	0.1	63.0	58.0	680 000.0	0.4	0.1	1.4	48.6	0.9	0.3	6.9	5.0	73.0
	4	0.2	53.0	59.0	320 000.0	0.4	0.1	0.9	43.1	1.7	0.1	7.2	5.0	72.0
BENONI HOMESTEAD DAM	1													
	2	0.1	19.0	25.0	60.0	0.2	0.1	0.2	18.0	0.1	0.1	8.0	5.0	19.0
	3	0.1	40.0	24.0	90.0	0.2	0.1	0.3	16.2	0.2	0.1	7.3	13.0	24.0
	4	0.2	42.0	17.0	79.0	0.5	0.1	0.1	10.3	0.1	0.1	7.1	5.0	20.0
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1													
	2	0.0	21.0	27.0	82.0	0.1	0.1	0.1	19.2	0.2	0.1	7.5	27.0	53.0
	3	0.1	47.0	28.0	10.0	0.2	0.1	0.4	18.9	0.2	0.1	7.2	5.0	24.0
	4	0.1	12.0	28.0	1 000.0	0.3	0.1	0.8	16.3	0.2	0.1	7.2	5.0	20.0
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1													
	2	0.1	23.0	26.0	250.0	0.2	0.1	0.1	18.7	0.3	0.1	7.4	24.0	113.0
	3	0.1	39.0	26.0	120.0	0.5	0.4	0.3	16.0	0.2	0.1	6.6	5.0	21.0
	4	0.1	35.0	25.0	26 000.0	0.3	0.1	0.1	13.3	0.3	0.1	6.8	5.0	59.0
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1													
	2	0.2	41.0	22.0	130.0	0.3	0.1	1.1	15.3	0.1	0.1	8.5	37.0	30.0
	3	0.4	68.0	20.0	5 500.0	0.6	0.1	0.4	14.1	0.1	0.1	8.4	36.0	29.0
	4	0.4	61.0	15.0	220.0	0.5	0.1	0.3	11.6	0.2	0.1	8.3	49.0	26.0
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1													
	2	0.1	10.0	40.0	5 200.0	0.6	0.1	0.7	41.9	0.1	0.1	6.6	16.0	71.0
	3	0.1	32.0	34.0	980.0	0.8	0.1	0.8	33.4	0.1	0.6	6.6	5.0	40.0
	4	0.2	29.0	34.0	740.0	0.5	0.1	0.9	35.6	0.3	0.1	6.5	5.0	48.0
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1													
	2	0.2	35.0	62.0	8.0	0.2	0.1	0.1	58.3	0.1	0.1	8.1	5.0	137.0
	3	0.5	45.0	62.0	69.0	0.5	0.1	0.2	54.8	0.1	0.2	7.2	11.0	111.0
	4	0.3	21.0	51.0	26.0	0.6	0.1	0.1	48.0	0.2	0.1	8.3	5.0	84.0
SPRINGS ALEXANDA DAM OUTFLOW	1													
	2	0.1	5.0	43.0	200.0	0.1	0.1	0.1	37.4	0.4	0.1	8.0	5.0	70.0
	3	0.1	52.0	42.0	200.0	3.0	0.1	2.7	36.1	0.1	0.1	7.3	5.0	56.0
	4	0.3	34.0	42.0	150.0	0.4	0.1	0.2	28.1	0.1	0.1	7.5	5.0	87.0
SPRINGS PAST COWLESDAM	1													
	2													
	3													
	4	0.2	80.0	65.0	3.0	0.1	0.1	0.6	55.7	0.1	0.1	7.1	5.0	62.0

Quarter 1: 2017/12/01 - 2017/12/31
 Quarter 3: 2018/02/01 - 2018/02/28

Quarter 2: 2018/01/01 - 2018/01/31
 Quarter 4: 2018/03/01 - 2018/03/31

	Ideal		Acceptable
	Tolerable		Unacceptable