



CITY OF EKURHULENI

Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2019/05/03

SAMPLE POINT	QUARTER	ELEMENT													
		AL_TOT	COD	CONDUCTIVITY	FCOLI	FE_TOT	MN_TOT	N	NA	NOX	P	PH	SS	SULPHATES	
BENONI AMATAPAN OUTLET	1	0.1	52.0	69.3	18.7	0.3	0.1	2.2	68.1	2.8	0.2	7.4	14.0	98.0	
	2	0.1	57.0	80.3	12.7	0.8	0.1	3.0	82.6	4.4	0.1	7.0	26.0	128.0	
	3	0.1	44.0	71.5	34.5	0.8	0.3	0.6	89.4	0.8	0.1	7.3	22.0	123.5	
	4	0.2	21.3	50.3	413.3	0.6	0.1	0.2	44.4	0.3	0.1	7.6	12.7	62.3	
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	1.1	24.0	25.0	7 191.3	1.2	0.1	0.5	19.8	0.2	0.1	7.5	5.0	32.3	
	2	0.2	167.0	44.7	2 992.0	4.7	9.0	4.6	48.7	0.3	0.1	7.1	31.3	44.7	
	3	0.1	20.0	32.0	510.0	0.1	0.1	0.5	33.1	0.2	0.1	7.4	19.0	38.0	
	4	0.2	12.0	24.0	1 476.7	0.3	0.1	0.1	15.5	0.1	0.1	7.6	10.7	18.0	
BENONI HOMESTEAD DAM	1	0.1	22.0	27.3	6.7	0.2	0.1	0.2	19.5	0.2	0.1	7.3	5.0	31.0	
	2	0.2	13.7	32.0	4.7	0.4	0.1	0.5	22.5	0.2	0.1	7.7	7.0	36.0	
	3	0.1	13.5	30.5	43.0	0.1	0.1	0.4	18.8	0.3	0.1	6.9	5.0	39.5	
	4	0.1	32.7	23.3	106.0	0.1	0.1	0.2	14.6	0.1	0.1	7.4	5.0	16.3	
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.1	40.7	27.3	97.7	1.3	0.1	0.7	23.3	0.8	0.1	7.4	8.7	33.0	
	2	0.1	16.0	39.0	59.7	0.2	0.1	0.2	43.7	0.7	0.1	7.4	14.7	51.0	
	3	3.4	46.0	44.5	1 435.0	1.2	0.4	0.4	44.4	0.6	0.1	7.3	54.5	68.0	
	4	0.1	9.0	26.3	73.3	0.2	0.1	0.1	18.1	0.1	0.1	7.5	9.0	20.0	
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1	34.3	23.7	13 063.3	0.3	0.1	0.7	18.0	0.9	0.1	7.5	14.0	28.0	
	2	0.1	13.7	28.0	190.0	0.4	0.1	0.4	19.8	1.0	0.1	7.2	10.0	29.0	
	3	0.1	24.5	31.5	3 620.0	0.2	0.1	0.6	24.5	1.0	0.1	7.2	9.5	32.0	
	4	0.1	5.0	25.0	35.5	0.4	0.2	0.2	16.2	0.1	0.1	7.3	8.0	18.0	
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.3	69.7	19.3	31.7	0.4	0.1	0.9	12.2	0.2	0.1	7.7	17.3	27.3	
	2	0.2	61.3	21.7	73.7	0.6	0.1	0.7	14.9	0.2	0.1	7.6	50.3	27.3	
	3	0.3	44.0	25.0	24.0	0.8	0.1	0.6	14.2	0.1	0.1	7.3	23.5	28.5	
	4	0.2	59.7	22.3	142.3	0.2	0.1	0.4	15.0	0.1	0.1	8.6	30.7	20.0	
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.1	45.0	43.3	2 120.0	0.3	0.1	1.4	35.7	1.3	0.1	7.1	5.0	53.7	
	2	0.1	30.3	60.0	105 780.0	0.2	0.1	1.2	61.8	3.1	0.3	7.1	9.0	73.0	
	3	0.1	36.0	75.0	84 000.0	0.8	0.6	1.9	79.0	0.4	1.1	7.2	15.5	38.5	
	4	0.2	11.7	27.0	6 563.3	0.3	0.1	0.5	19.5	0.4	0.1	7.5	5.0	20.7	
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.3	41.7	55.7	91.3	0.3	0.1	0.3	48.9	0.2	0.1	7.9	8.0	113.0	
	2	0.3	13.0	62.7	35.7	0.2	0.3	0.3	53.5	0.7	0.1	7.9	13.0	112.0	
	3	0.2	23.5	66.5	7.5	0.2	0.3	0.4	64.8	0.2	0.1	7.4	5.0	126.5	
	4	0.1	13.0	62.0	2 030.7	0.1	0.4	0.2	59.5	0.1	0.2	7.8	8.7	101.3	
SPRINGS ALEXANDA DAM OUTFLOW	1	0.4	37.0	44.5	15.0	0.5	0.1	0.6	35.8	0.1	0.1	7.1	5.0	85.5	
	2	0.1	60.3	51.7	36.7	0.1	0.1	0.3	68.5	0.1	0.2	7.4	14.0	83.7	
	3	0.9	49.3	61.3	180.0	1.7	0.1	0.5	58.9	0.2	0.2	7.1	97.3	78.3	
	4	0.4	28.7	40.3	161.0	0.4	0.2	0.4	36.0	0.2	0.2	7.3	20.7	52.7	
SPRINGS PAST COWLESDAM	1	0.2	171.5	73.5	26 100.0	0.2	0.3	0.2	49.6	0.2	0.1	7.1	37.5	83.0	
	2	0.1	878.0	124.0	21 000.0	0.1	0.1	0.1	123.4	0.2	0.1	7.2	211.0	16.0	
	3	0.3	254.0	126.0		0.1	0.1	0.3	128.5	0.2	0.1	7.0	114.0	29.0	
	4	0.3	779.3	65.3	13 177.8	0.1	0.1	2.4	58.3	0.1	0.2	7.7	1 098.0	53.3	

Quarter 1: 2018/04/01 - 2018/06/30  
 Quarter 3: 2018/10/01 - 2018/12/31

Quarter 2: 2018/07/01 - 2018/09/30  
 Quarter 4: 2019/01/01 - 2019/03/31

Ideal      Acceptable  
 Tolerable      Unacceptable