



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	16.3	64.0	142.3	0.9	0.1	1.0	67.7	5.9	0.1	7.6	11.7	92.7	
	2	0.5	39.0	59.0	660.0	1.2	0.3	0.3	57.2	0.9	0.1	8.2	17.5	69.5	
	3	0.1	47.0	60.0	552.7	0.5	0.1	0.1	43.0	1.6	0.1	7.4	14.7	80.7	
	4	0.1	32.3	71.7	41.3	0.3	0.1	0.1	63.6	6.0	0.2	7.4	17.0	93.3	
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.1	11.3	31.0	161.3	0.3	0.1	0.8	20.9	0.3	4.5	7.6	5.0	37.7	
	2	0.2	10.0	33.0	2 400.0	0.4	0.1	0.4	23.0	0.4	0.1	7.7	5.0	37.0	
	3	0.1	30.7	25.3	803.3	0.3	0.1	0.1	16.3	0.2	0.2	7.7	5.0	25.3	
	4	0.0	30.7	27.7	299.7	0.1	0.1	0.1	16.8	0.2	0.1	7.8	9.0	34.0	
BENONI HOMESTEAD DAM	1	0.1	11.3	31.0	3.3	0.3	0.1	0.5	25.3	0.1	0.1	7.8	5.0	36.7	
	2	0.3	30.5	25.0	14.5	0.5	0.1	0.2	15.6	0.3	0.1	8.5	5.0	54.0	
	3	0.1	21.7	24.3	228.0	0.2	0.1	0.2	13.9	0.1	0.1	7.9	5.0	26.7	
	4	0.1	31.3	26.7	89.0	0.3	0.1	0.4	17.9	0.4	0.2	7.3	10.3	30.3	
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.2	47.3	39.0	121.7	0.7	0.4	0.7	33.2	1.0	0.1	7.9	29.7	49.0	
	2	0.1	15.0	42.0	200.0	0.2	0.1	0.4	32.0	0.5	0.1	7.8	5.0	53.0	
	3	0.0	38.0	27.0	85.7	0.1	0.1	0.1	24.4	0.1	0.1	7.8	5.0	29.7	
	4	0.0	34.3	30.7	35.7	0.1	0.1	0.9	24.0	0.4	1.1	8.2	8.0	37.7	
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1	10.0	30.7	1 843.3	0.6	0.6	0.7	23.1	0.5	0.1	7.6	5.0	31.3	
	2	0.1	13.5	30.0	535.0	0.7	0.4	1.5	19.7	0.7	0.1	7.8	10.5	29.0	
	3	0.1	29.7	27.3	119.0	0.2	0.1	0.1	33.6	0.4	0.1	7.5	5.0	28.0	
	4	0.0	18.7	27.3	208.7	0.2	0.1	0.6	18.1	0.5	0.2	7.8	5.0	34.0	
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.5	41.7	25.3	19.7	0.8	0.1	0.4	19.4	0.2	0.1	7.0	30.0	31.7	
	2	0.6	49.0	24.5	55 655.0	0.9	0.1	0.6	16.4	0.4	0.1	8.3	49.5	38.0	
	3	0.3	31.7	19.3	123.7	0.3	0.1	0.5	11.1	0.2	0.1	8.5	17.3	25.0	
	4	0.2	55.0	21.7	195.0	0.5	0.1	0.2	13.0	0.4	0.1	7.9	75.0	27.3	
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.9	56.3	60.3	148.3	1.8	0.2	4.1	61.6	2.3	0.1	7.8	55.0	125.7	
	2	0.5	46.5	60.5	2 390.0	0.6	0.1	2.3	66.3	3.2	0.3	7.4	21.0	69.0	
	3	0.4	29.3	43.3	4 326.7	0.7	0.1	0.7	32.3	3.2	0.1	7.4	34.7	65.0	
	4	0.3	21.0	61.3	11 353.3	0.8	0.1	0.2	61.9	0.8	0.1	7.2	11.7	146.7	
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.2	19.7	67.7	15.3	0.2	0.3	0.1	93.9	1.4	0.1	7.9	5.0	117.7	
	2	0.2	18.0	171.0	1 045.0	0.2	0.2	0.1	151.9	0.1	0.3	7.8	9.5	655.0	
	3	0.2	18.3	53.7	813.3	0.1	0.1	0.2	48.0	0.1	0.1	7.9	5.0	110.7	
	4	0.2	28.7	53.3	14.0	0.5	0.1	0.3	44.8	0.2	0.3	7.8	9.0	119.7	
SPRINGS ALEXANDA DAM OUTFLOW	1	0.2	17.0	48.7	44.0	0.3	0.1	0.4	52.2	0.6	0.1	7.9	12.3	67.0	
	2	0.5	66.5	48.5	117.5	0.4	0.1	0.2	50.8	0.1	0.1	9.0	7.5	73.0	
	3	0.3	29.7	48.3	1 523.3	0.4	0.2	0.6	28.2	0.1	0.1	7.6	13.0	100.3	
	4	0.2	40.0	46.5	14.0	0.9	0.7	0.1	27.4	0.2	0.1	7.4	5.0	78.0	
SPRINGS PAST COWLESDAM	1	1.1	15.7	44.0	208.7	2.9	0.7	1.4	36.1	0.3	0.1	7.7	101.0	42.3	
	2	0.9	76.0	48.0	66.0	0.9	0.1	0.5	52.1	0.2	0.3	8.6	36.5	70.5	
	3	0.1	30.0	47.0	2 125.0	0.2	0.3	1.3	31.5	0.8	0.2	8.1	9.5	70.0	
	4	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	

Quarter 1: 2016/07/01 - 2016/09/30
 Quarter 3: 2017/01/01 - 2017/03/31

Quarter 2: 2016/10/01 - 2016/12/31
 Quarter 4: 2017/04/01 - 2017/06/30

 Ideal	 Acceptable
 Tolerable	 Unacceptable