



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														
	2	0.4	24.0	47.0	130.0	1.3	0.2	0.2	42.0	0.1	0.1	8.4	14.0	50.0	
	3	0.1	25.0	49.0	280.0	0.3	0.1	0.1	40.6	0.6	0.1	7.2	19.0	70.0	
	4	0.1	15.0	55.0	830.0	0.3	0.1	0.3	50.7	0.4	0.1	7.3	5.0	67.0	
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1														
	2	0.5	10.0	23.0	490.0	0.7	0.1	0.1	14.7	0.1	0.1	7.8	15.0	19.0	
	3	0.1	21.0	25.0	140.0	0.1	0.1	0.1	15.7	0.1	0.1	7.3	12.0	18.0	
	4	0.1	5.0	24.0	3 800.0	0.1	0.1	0.1	16.0	0.1	0.1	7.6	5.0	17.0	
BENONI HOMESTEAD DAM	1														
	2	0.1	24.0	26.0	79.0	0.1	0.1	0.3	18.2	0.1	0.1	7.2	5.0	23.0	
	3	0.1	32.0	22.0	210.0	0.1	0.1	0.1	12.6	0.1	0.1	8.0	5.0	15.0	
	4	0.1	42.0	22.0	29.0	0.1	0.1	0.1	12.9	0.2	0.1	7.0	5.0	11.0	
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1														
	2	0.3	5.0	25.0	70.0	0.4	0.1	0.2	17.9	0.1	0.1	7.6	17.0	22.0	
	3	0.1	17.0	27.0	110.0	0.1	0.1	0.1	17.6	0.1	0.1	7.4	5.0	20.0	
	4	0.1	5.0	27.0	40.0	0.1	0.1	0.1	18.9	0.2	0.1	7.6	5.0	18.0	
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1														
	2														
	3	0.1	5.0	27.0	24.0	0.7	0.4	0.2	16.4	0.1	0.1	7.2	5.0	19.0	
	4	0.1	5.0	23.0	47.0	0.1	0.1	0.1	16.0	0.1	0.1	7.4	11.0	17.0	
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1														
	2	0.2	85.0	24.0	77.0	0.2	0.1	0.5	16.5	0.1	0.1	9.6	35.0	23.0	
	3	0.2	35.0	21.0	170.0	0.3	0.1	0.3	13.7	0.1	0.1	8.6	21.0	18.0	
	4	0.2	59.0	22.0	180.0	0.1	0.1	0.3	14.8	0.1	0.1	7.5	36.0	19.0	
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1														
	2	0.2	5.0	21.0	17 000.0	0.1	0.1	0.7	10.1	0.6	0.1	7.3	5.0	12.0	
	3	0.4	5.0	19.0	2 500.0	0.4	0.1	0.2	5.0	0.5	0.1	8.5	5.0	12.0	
	4	0.1	25.0	41.0	190.0	0.3	0.1	0.5	43.4	0.2	0.1	6.7	5.0	38.0	
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1														
	2	0.1	5.0	70.0	92.0	0.1	0.3	0.1	66.0	0.1	0.3	7.9	5.0	105.0	
	3	0.1	10.0	63.0	100.0	0.1	0.4	0.2	61.4	0.1	0.1	7.9	5.0	109.0	
	4	0.1	24.0	53.0	5 900.0	0.1	0.3	0.3	51.1	0.1	0.1	7.7	16.0	90.0	
SPRINGS ALEXANDA DAM OUTFLOW	1	0.2	5.0	64.0	180.0	0.3	0.1	0.3	63.7	0.2	0.1	7.3	10.0	68.0	
	2	0.1	37.0	43.0	83.0	0.1	0.1	0.1	38.6	0.2	0.2	7.1	13.0	62.0	
	3	0.9	17.0	37.0	350.0	1.0	0.3	1.2	33.1	0.2	0.2	7.1	34.0	37.0	
	4	0.1	32.0	41.0	50.0	0.1	0.1	0.1	36.4	0.2	0.1	7.6	15.0	59.0	
SPRINGS PAST COWLESDAM	1	0.3	254.0	126.0		0.1	0.1	0.3	128.5	0.2	0.1	7.0	114.0	29.0	
	2	0.1	34.0	64.0	31.0	0.1	0.1	4.5	63.9	0.1	0.4	8.0	13.0	66.0	
	3	0.1	41.5	49.0	340.0	0.1	0.1	0.7	42.2	0.1	0.1	7.6	12.5	51.5	
	4	0.9	3 000.0	99.0	52 000.0	0.3	0.1	3.8	85.0	0.1	0.1	7.4	4 354.0	44.0	

Quarter 1: 2018/12/01 - 2018/12/31
 Quarter 3: 2019/02/01 - 2019/02/28

Quarter 2: 2019/01/01 - 2019/01/31
 Quarter 4: 2019/03/01 - 2019/03/31

 Ideal	 Acceptable
 Tolerable	 Unacceptable