



CITY OF EKURHULENI





Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2018/02/08

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	47.0	60.0	552.7	0.5	0.1	0.1	43.0	1.6	0.1	7.4	14.7	80.7	
	2	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	
	3	0.2	34.5	78.0	25.5	0.3	0.1	0.1	95.7	9.7	0.2	6.9	9.5	102.0	
	4	0.2	27.5	70.0	38.0	0.7	0.2	0.6	67.1	2.3	0.1	7.2	29.5	79.5	
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	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	
	2	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	
	3	0.2	29.5	31.5	1 005.0	0.4	0.1	0.3	26.4	0.2	0.3	7.4	5.0	35.0	
	4	0.0	31.5	31.0	5 340.0	0.4	0.1	0.4	21.4	0.3	0.2	7.5	5.0	34.5	
BENONI HOMESTEAD DAM	1	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	
	2	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	
	3	0.2	18.5	29.5	3.5	0.3	0.1	0.3	19.6	0.2	0.1	7.4	5.0	40.5	
	4	0.1	18.5	27.5	223.0	0.2	0.1	0.1	21.0	0.2	0.1	8.3	5.0	31.5	
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	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	
	2	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	
	3	0.6	81.0	40.0	72.0	1.8	1.0	0.3	38.2	1.4	0.3	7.8	55.5	50.0	
	4	0.3	27.0	37.0	40.5	0.7	0.1	0.1	28.7	0.6	0.4	7.3	10.0	45.5	
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	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	
	2	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	
	3	0.1	18.5	29.0	560.0	0.5	0.2	0.3	29.3	0.4	0.3	7.1	9.0	29.0	
	4	0.0	10.0	29.0	358.5	0.4	0.6	2.3	19.9	0.8	0.1	7.3	12.0	28.5	
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	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	
	2	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	
	3	0.3	49.5	24.5	421.5	0.8	0.1	0.4	16.3	3.1	0.3	8.3	12.5	30.5	
	4	0.3	40.5	25.5	50.5	0.6	0.1	0.7	20.4	0.1	0.1	8.3	16.0	28.0	
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	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	
	2	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	
	3	0.3	24.7	67.3	300.0	0.6	0.1	0.3	61.9	4.8	0.1	7.2	13.3	115.0	
	4	0.2	20.0	67.0	770.0	0.6	0.1	1.6	68.8	0.4	0.2	7.4	21.0	92.5	
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	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	
	2	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	
	3	0.3	27.3	63.0	4.7	0.3	0.2	0.5	53.9	0.7	0.2	7.7	7.7	129.7	
	4	0.1	42.0	71.0	35.0	0.3	0.2	2.4	84.5	0.4	0.3	8.0	9.0	97.5	
SPRINGS ALEXANDA DAM OUTFLOW	1	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	
	2	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	
	3	0.2	44.8	69.5	621.5	0.6	0.9	2.2	59.0	0.1	0.1	7.2	13.3	85.8	
	4	0.4	37.5	63.0	47.0	0.8	0.2	0.1	64.9	0.2	0.2	7.4	10.5	89.5	
SPRINGS PAST COWLESDAM	1	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	
	2	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	
	3														
	4														

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

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

	Ideal		Acceptable
	Tolerable		Unacceptable