



CITY OF EKURHULENI





Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2018/02/08

SAMPLE POINT	QUARTER	ELEMENT											SULPHATES	
		AL_TOT	COD	CONDUCTIVITY	FCOLI	FE_TOT	MN_TOT	N	NA	NOX	P	PH		SS
BENONI AMATAPAN OUTLET	1	0.2	40.0	78.0	39.0	0.3	0.1	0.1	73.5	4.4	0.1	7.5	14.0	102.0
	2	0.0	11.0	71.0	41.0	0.4	0.1	0.7	69.5	4.0	0.2	7.5	13.0	83.0
	3	0.3	44.0	69.0	35.0	1.1	0.3	0.4	64.7	0.7	0.1	6.8	46.0	76.0
	4													
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.2	21.0	33.0	1300.0	0.3	0.1	0.4	21.3	0.2	0.1	8.3	5.0	40.0
	2	0.0	37.0	31.0	80.0	0.2	0.1	0.2	21.7	0.5	0.3	8.2	5.0	32.0
	3	0.1	26.0	31.0	10600.0	0.5	0.2	0.6	21.1	0.1	0.1	6.8	5.0	37.0
	4													
BENONI HOMESTEAD DAM	1													
	2	0.1	21.0	28.0	420.0	0.3	0.1	0.1	18.1	0.1	0.1	8.1	5.0	32.0
	3	0.0	16.0	27.0	26.0	0.1	0.1	0.1	23.9	0.3	0.1	8.5	5.0	31.0
	4													
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	1.0	51.0	42.0	120.0	2.9	1.7	0.1	30.0	1.0	0.1	7.6	86.0	57.0
	2	0.1	29.0	38.0	51.0	0.3	0.1	0.2	30.1	1.0	0.5	7.2	5.0	50.0
	3	0.5	25.0	36.0	30.0	1.1	0.1	0.1	27.3	0.3	0.3	7.3	15.0	41.0
	4													
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.0	11.0	29.0	420.0	0.6	0.4	0.3	19.4	0.5	0.1	7.2	5.0	29.0
	2	0.0	5.0	30.0	47.0	0.1	0.1	3.6	21.9	0.4	0.1	7.6	12.0	36.0
	3	0.0	15.0	28.0	670.0	0.6	1.1	1.1	17.8	1.1	0.1	6.9	12.0	21.0
	4													
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1													
	2	0.3	35.0	25.0	75.0	0.8	0.2	0.8	16.8	0.1	0.1	8.1	14.0	27.0
	3	0.2	46.0	26.0	26.0	0.4	0.1	0.6	23.9	0.2	0.1	8.4	18.0	29.0
	4													
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.3	38.0	71.0	510.0	0.8	0.1	0.4	58.0	5.0	0.2	7.1	23.0	106.0
	2	0.0	5.0	70.0	540.0	0.1	0.1	2.8	69.4	0.6	0.1	7.5	22.0	98.0
	3	0.3	35.0	64.0	1000.0	1.0	0.2	0.4	68.3	0.3	0.4	7.3	20.0	87.0
	4													
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.3	20.0	64.0	10.0	0.3	0.1	0.6	58.0	1.5	0.3	8.2	13.0	138.0
	2	0.1	29.0	66.0	15.0	0.1	0.1	0.1	64.3	0.3	0.1	8.4	5.0	134.0
	3	0.1	55.0	76.0	55.0	0.5	0.4	4.7	104.7	0.5	0.5	7.6	13.0	61.0
	4													
SPRINGS ALEXANDA DAM OUTFLOW	1	0.1	5.0	59.0	26.0	0.2	0.1	0.1	51.1	0.1	0.1	7.4	5.0	103.0
	2	0.1	37.0	65.0	24.0	0.2	0.1	0.2	68.1	0.1	0.4	7.6	5.0	81.0
	3	0.8	38.0	61.0	70.0	1.4	0.2	0.1	61.8	0.2	0.1	7.3	16.0	98.0
	4													
SPRINGS PAST COWLESDAM	1													
	2													
	3													
	4													

Quarter 1: 2017/09/01 - 2017/09/30
 Quarter 3: 2017/11/01 - 2017/11/30

Quarter 2: 2017/10/01 - 2017/10/31
 Quarter 4: 2017/12/01 - 2017/12/31

	Ideal		Acceptable
	Tolerable		Unacceptable