



CITY OF EKURHULENI





Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2020/08/04

SAMPLE POINT	QUARTER	ELEMENT													
		AL_TOT	COD	CONDUCTIVITY	FCOLI	FE_TOT	MN_TOT	N	NA	NOX	P	PH	SS	SULPHATES	
BENONI AMATAPAN OUTLET	1	0.2	51.0	54.0	140.0	1.2	0.1	0.6	42.3	0.2	0.1	7.0	29.0	74.0	
	2	0.2	5.0	58.0	110.0	1.1	0.3	0.7	59.1	0.1	0.1	7.1	17.0	61.0	
	3	0.1	38.0	57.0	440.0	0.1	0.1	1.1	94.8	0.2	0.2	7.0	12.0	71.0	
	4														
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.1	29.0	22.0	5 500.0	0.5	0.1	0.4	13.1	0.1	0.1	7.3	5.0	33.0	
	2	0.1	44.0	24.0	410.0	0.6	0.2	0.6	18.7	0.1	0.1	7.2	14.0	26.0	
	3	0.1	17.0	21.0	1 100.0	0.1	0.1	0.1	23.7	0.2	0.1	7.1	10.0	19.0	
	4														
BENONI HOMESTEAD DAM	1														
	2	0.1	34.0	24.0	370.0	0.1	0.1	0.1	17.0	0.1	0.1	8.2	17.0	26.0	
	3	0.1	20.0	19.0	220.0	0.3	0.1	0.4	14.0	0.1	0.1	7.6	5.0	19.0	
	4														
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.1	17.0	27.0	920.0	0.1	0.1	0.1	18.5	0.1	0.1	7.6	5.0	40.0	
	2	0.2	20.0	25.0	120.0	0.7	0.4	0.5	19.0	0.1	0.1	7.2	23.0	31.0	
	3	0.1	5.0	24.0	310.0	0.1	0.1	0.2	30.9	0.1	0.1	7.1	16.0	75.0	
	4														
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1	21.0	22.0	40.0	0.2	0.1	0.1	14.0	0.4	0.1	7.4	5.0	33.0	
	2	0.1	13.0	24.0	340.0	1.1	0.8	0.2	17.8	0.3	0.1	7.2	32.0	31.0	
	3	0.1	45.0	21.0	21 000.0	0.1	0.1	0.1	25.7	0.4	0.1	7.2	5.0	19.0	
	4														
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1														
	2	0.2	64.0	22.0	30.0	0.1	0.1	0.1	16.3	0.2	0.1	8.4	21.0	28.0	
	3	0.2	25.0	18.0	2 000.0	0.4	0.1	0.5	12.4	0.1	0.1	7.2	16.0	25.0	
	4	0.2	10.0	19.0	51.0	0.6	0.1	0.9	12.1	0.1	0.1	8.0	5.0	21.0	
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.1	27.0	32.0	1.0	0.3	0.1	2.5	21.5	0.3	0.6	7.6	5.0	19.0	
	2	0.1	18.0	33.0	810.0	0.3	0.1	1.3	22.9	0.5	0.5	7.4	5.0	28.0	
	3	0.2	28.5	38.0	3 265.0	0.5	0.2	0.9	37.7	0.6	0.2	7.0	5.0	42.0	
	4														
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1														
	2	0.3	21.0	45.0	29.0	0.4	0.7	0.6	38.0	0.2	0.1	7.9	5.0	86.0	
	3	0.1	13.0	43.0	320.0	0.1	0.1	0.3	54.1	0.2	0.1	7.5	5.0	79.0	
	4	0.3	18.0	44.0	2.0	0.3	0.4	0.1	39.4	0.1	0.1	7.7	5.0	83.0	
SPRINGS ALEXANDA DAM OUTFLOW	1														
	2	0.1	68.0	38.0	300.0	0.1	0.1	0.3	37.9	0.4	0.5	7.6	118.0	30.0	
	3	0.1	15.0	41.0	8.0	0.1	0.2	0.8	40.8	0.6	0.6	7.3	5.0	35.0	
	4														
SPRINGS PAST COWLESDAM	1														
	2	0.1	40.0	58.0	16.0	0.1	0.2	0.7	46.1	0.1	0.4	7.9	38.0	38.0	
	3	0.1	64.0	58.0	21.0	0.1	0.1	0.4	51.6	0.1	0.3	8.1	15.0	40.0	
	4														

Quarter 1: 2019/12/01 - 2019/12/31
 Quarter 3: 2020/02/01 - 2020/02/29

Quarter 2: 2020/01/01 - 2020/01/31
 Quarter 4: 2020/03/01 - 2020/03/31

	Ideal		Acceptable
	Tolerable		Unacceptable