



CITY OF EKURHULENI





Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2020/07/31

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	8.7	67.3	156.7	0.5	0.1	0.6	63.1	1.7	0.1	7.2	17.3	70.3
	2	0.1	18.3	78.3	312.3	0.7	0.1	0.6	88.8	2.1	0.1	7.3	13.0	100.3
	3	0.3	53.0	68.0	305.0	0.9	0.1	0.3	71.4	0.6	0.1	7.3	38.5	81.5
	4	0.1	21.5	57.5	275.0	0.6	0.2	0.9	76.9	0.1	0.2	7.1	14.5	66.0
BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST	1	0.1	9.0	26.0	269.3	0.4	0.1	0.1	17.9	0.1	0.1	7.4	9.0	24.7
	2	0.1	50.0	33.7	3 482.7	0.3	0.1	0.3	29.9	0.5	0.2	7.6	13.7	35.7
	3	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
	4	0.1	30.5	22.5	755.0	0.4	0.2	0.3	21.2	0.1	0.1	7.2	12.0	22.5
BENONI HOMESTEAD DAM	1	0.1	8.7	26.0	39.7	0.2	0.1	0.1	19.7	0.2	0.1	7.6	7.3	20.7
	2	0.1	8.7	32.0	166.0	0.1	0.1	0.2	27.2	0.2	0.1	7.3	7.0	29.0
	3	0.4	38.5	33.5	36.5	0.7	0.2	0.2	28.0	0.1	0.1	8.6	22.5	32.0
	4	0.1	27.0	21.5	295.0	0.2	0.1	0.2	15.5	0.1	0.1	7.9	11.0	22.5
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.3	20.3	30.7	127.0	1.0	0.4	0.3	20.9	0.2	0.1	7.5	39.7	37.3
	2	1.1	128.0	41.7	46.3	2.9	1.4	0.2	37.4	0.3	0.1	7.6	288.3	47.3
	3	0.4	30.0	38.0	660.0	1.0	0.7	0.1	32.7	0.1	0.1	7.9	46.0	49.0
	4	0.1	12.5	24.5	215.0	0.4	0.2	0.3	25.0	0.1	0.1	7.2	19.5	53.0
BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST	1	0.1	5.0	25.7	238.3	1.3	1.1	0.6	16.5	1.8	0.1	7.0	10.7	20.0
	2	0.1	5.0	28.0	170.0	0.8	0.6	0.5	21.3	3.3	0.1	7.1	8.0	24.0
	3	0.1	13.0	25.5	125.0	0.6	0.3	0.1	17.5	0.8	0.1	7.3	5.0	27.0
	4	0.1	29.0	22.5	10 670.0	0.6	0.5	0.2	21.8	0.3	0.1	7.2	18.5	25.0
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.2	13.0	22.7	149.0	0.4	0.1	0.1	13.9	0.1	0.1	8.1	26.3	19.3
	2	0.3	21.7	25.0	35.7	0.4	0.1	0.5	18.8	0.1	0.1	8.4	14.7	27.0
	3	0.3	28.5	28.0	654.0	0.8	0.1	1.3	21.4	0.1	0.1	8.1	36.5	26.5
	4	0.2	33.0	19.7	693.7	0.4	0.1	0.5	13.6	0.1	0.1	7.9	14.0	24.7
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.1	8.3	38.3	308.3	0.2	0.1	0.2	37.8	1.0	0.1	7.0	5.0	42.3
	2	0.1	32.0	64.0	5 000.0	1.7	0.4	10.9	59.8	0.2	1.6	7.0	12.7	39.7
	3	0.1	44.3	61.0	9 933.7	0.5	0.7	6.4	51.2	0.2	3.1	7.4	18.0	21.0
	4	0.2	25.0	36.3	2 446.7	0.5	0.1	1.0	32.7	0.6	0.3	7.1	5.0	37.3
NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON	1	0.3	28.5	56.0	3.5	0.3	0.3	0.2	55.2	0.1	0.1	8.4	15.5	91.5
	2	0.3	18.3	61.0	32.0	0.3	0.3	0.2	63.6	0.1	0.1	8.3	7.0	102.7
	3	0.2	12.5	68.0	16.5	0.2	0.2	0.1	72.3	0.1	0.1	8.6	8.0	104.5
	4	0.2	17.3	44.0	117.0	0.3	0.4	0.3	43.8	0.2	0.1	7.7	5.0	82.7
SPRINGS ALEXANDA DAM OUTFLOW	1	0.2	17.7	42.0	655.7	0.6	0.1	0.4	36.7	0.1	0.1	7.2	11.7	58.3
	2	0.9	112.3	57.0	172.3	2.2	0.6	0.7	64.3	0.7	0.2	6.9	94.7	67.7
	3	0.2	34.5	60.5	415.0	0.3	0.1	0.6	61.4	0.1	0.1	7.7	5.0	78.5
	4	0.1	41.5	39.5	154.0	0.1	0.2	0.6	39.3	0.5	0.6	7.4	61.5	32.5
SPRINGS PAST COWLESDAM	1	0.1	38.0	57.0	190.0	0.1	0.1	0.4	47.2	0.1	0.2	7.4	16.0	52.0
	2	0.1	94.0	110.5	70.0	0.2	0.1	0.9	115.7	0.1	0.1	8.1	35.5	66.5
	3	0.2	85.0	117.0	210.0	0.1	0.1	2.8	126.3	0.1	0.1	8.2	16.0	71.0
	4	0.1	52.0	58.0	18.5	0.1	0.2	0.6	48.8	0.1	0.3	8.0	26.5	39.0

Quarter 1: 2019/04/01 - 2019/06/30  
 Quarter 3: 2019/10/01 - 2019/12/31

Quarter 2: 2019/07/01 - 2019/09/30  
 Quarter 4: 2020/01/01 - 2020/03/31

	Ideal		Acceptable
	Tolerable		Unacceptable