



EKURHULENI METROPOLITAN MUNICIPALITY

Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2013/11/06

SAMPLE POINT	QUARTER	ELEMENT													
		AL	COD	CONDUCTIVITY	FCOLI	FE	MIN	N	NA	NOX	P	PH	SS	SULPHATES	
BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST	1	0.2	24.3	29.0	9.3	0.3	0.0	0.2	20.6	0.2	0.1	9.0	10.3	63.7	
	2	0.1	34.3	30.3	76.0	0.3	0.1	0.2	22.8	0.4	0.1	8.9	18.0	39.0	
	3	0.2	32.7	40.3	227.7	0.7	0.2	0.2	31.8	0.8	0.1	8.8	14.3	59.3	
	4														
BENONI RYNFIELD DAM AND PURIFICATION WORKS	1	0.1	54.3	49.0	17.3	0.9	0.1	3.9	50.3	1.0	0.2	7.6	21.0	32.7	
	2	0.2	58.3	51.0	326.7	0.5	0.0	7.0	43.4	1.6	0.1	7.4	21.0	46.0	
	3	0.1	74.3	59.7	4 228.7	0.8	0.0	4.7	64.0	2.2	0.1	7.8	33.7	71.0	
	4														
BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE	1	0.2	101.0	25.5	50.5	2.3	0.0	0.5	17.5	0.2	0.3	7.9	60.5	16.0	
	2	0.3	72.0	23.3	251.0	0.6	0.0	0.2	15.3	0.1	0.1	8.2	37.3	21.3	
	3	0.3	73.0	27.0	46.7	0.5	0.0	1.0	19.9	0.4	0.2	8.3	37.3	24.0	
	4														
BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD	1	0.4	41.0	55.0	8 210.0	0.9	0.0	0.4	50.0	3.3	0.2	7.4	25.0	61.7	
	2	0.3	61.3	67.3	92.7	0.6	0.0	1.5	71.1	4.5	0.2	7.8	20.3	79.3	
	3	0.3	35.0	76.3	150.3	0.8	0.1	4.8	84.7	3.8	0.2	8.1	17.7	83.3	
	4														
NIGEL BLESBOKSPRUIT AT BRIDGE ON DELMASROAD	1	0.1	30.3	75.3	123.7	0.2	0.1	0.4	64.7	0.3	0.9	7.8	5.0	80.7	
	2	0.1	27.0	79.0	102.0	0.1	0.1	1.1	52.5	0.1	0.6	8.0	9.3	98.7	
	3	0.5	19.0	94.3	199.0	0.4	0.1	0.1	79.0	0.1	0.5	8.2	13.3	140.3	
	4														
NIGEL BLESBOKSPRUIT AT POORTJE ROAD BRIDGE OFF R42	1	0.5	27.7	70.0	11 370.0	0.8	0.1	0.6	54.5	1.2	0.7	7.9	28.0	78.0	
	2	0.3	31.7	76.7	397.3	0.6	0.0	0.2	67.4	0.5	0.6	8.2	15.7	90.7	
	3	0.5	14.0	87.3	1 154.0	0.9	0.2	1.4	81.2	1.3	0.5	8.2	8.3	126.3	
	4														
SPRINGS ALEXANDA DAM OUTFLOW	1	0.3	26.0	41.0	315.7	0.3	0.1	0.4	29.2	0.2	0.2	7.5	14.0	52.0	
	2	0.2	21.7	41.7	1 048.3	0.3	0.1	0.3	27.4	0.4	69.1	7.7	8.0	66.7	
	3	0.1	19.7	57.0	11.0	0.3	0.1	0.1	48.9	1.2	0.1	7.9	5.0	65.7	
	4														
SPRINGS ANCOR UPSTREAM	1	0.3	36.3	38.3	55 516.7	0.5	1.6	0.6	17.2	0.3	0.2	7.3	15.0	52.7	
	2	0.2	60.0	64.3	138.0	0.7	0.1	0.5	51.4	0.4	0.2	7.4	24.7	85.7	
	3	0.2	69.7	75.7	38.0	2.8	0.2	2.2	64.6	1.0	0.1	7.7	31.3	70.0	
	4														
SPRINGS BRIDGE N17 (LARGO)	1	0.1	36.0	67.7	2 843.3	1.1	0.1	3.1	47.9	1.3	0.4	7.2	30.3	65.7	
	2	0.2	256.3	83.0	1 063.7	4.3	0.2	3.0	87.5	0.3	0.8	7.5	33.7	83.7	
	3	0.1	12.0	86.0	27.3	0.1	0.0	1.7	82.6	1.6	0.8	7.8	5.0	122.7	
	4														
SPRINGS WELGEDAGHT BRIDGE	1	0.2	62.3	60.7	110 666.7	0.5	0.3	1.5	57.9	0.4	0.9	7.3	42.3	76.0	
	2	0.4	83.7	84.3	75 033.3	1.1	0.1	9.2	90.3	0.5	0.5	7.5	53.3	151.0	
	3	0.3	58.0	84.7	11 857.3	0.9	0.1	9.7	86.9	0.5	0.5	7.8	46.7	118.7	
	4														

Quarter 1: 2013/01/01 - 2013/03/31
 Quarter 3: 2013/07/01 - 2013/09/30

Quarter 2: 2013/04/01 - 2013/06/30
 Quarter 4: 2013/10/01 - 2013/10/31

	Ideal		Acceptable
	Tolerable		Unacceptable