



CITY OF EKURHULENI

Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2018/05/08

SAMPLE POINT	QUARTER	ELEMENT															
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG_TOT	MN_TOT	N	NA_TOT	NOX	P	PH	SS
D1 CINDERELLA DAM OUTFLOW	1	0.1	31.7	10.3	61.0	26.7	0.2	39.0	0.5	1.0	1.2	1.3	0.1	7.4	5.0	166.0	
	2	0.3	49.0	13.7	51.7	2 872.7	0.2	2 873.7	0.3	6.2	2.9	1.5	0.1	7.4	5.0	438.3	
	3	0.1	36.0	15.0	70.3	37.7	0.3	115.7	0.2	2.3	1.5	1.2	0.2	7.5	7.3	239.3	
	4	0.1	33.0	27.0	75.0	111.0	0.2	234.7	0.2	4.2	1.7	0.9	0.1	7.3	5.0	322.3	
D2 DIXIE SPRUIT	1		63.3	16.7	169.0	99.7	0.2	183.3	0.1	1.0	0.8	3.7	0.2	6.8	5.0	774.3	
	2		84.7	20.3	210.3	37.0	0.2	80.7	0.1	1.1	0.1	3.2	0.1	6.6	5.0	1 075.0	
	3		64.3	23.3	145.3	480.0	0.3	1 296.7	0.3	0.6	0.3	0.6	0.1	7.6	17.3	638.7	
	4		51.7	10.0	122.7	176.7	0.3	460.0	0.1	0.2	0.3	0.7	0.1	7.2	5.0	469.3	
E1 TEDSTONEVILLE EXT 1	1		90.0	32.3	274.0	367 333.3	0.1	734 200.0	2.0		2.2	3.0	0.1	6.9	55.0	2 290.0	
	2		86.0	22.7	381.7	1 890.0	0.1	2 793.3	0.3		1.9	7.8	0.2	7.1	6.7	2 226.7	
	3		81.0	48.0	278.3	233 783.3	0.1	1 034 123.3	0.4		2.8	2.9	0.1	6.3	9.7	1 490.7	
	4		94.0	16.0	369.7	4 633.3	0.1	9 966.7	1.8		7.4	2.9	0.1	6.5	26.7	2 076.7	
E2 BRUG STR ELSBURG	1	0.2	83.0	166.7	288.3	2 703 333.3	0.1	4 230 000.0	0.5		4.7	1.2	0.8	6.8	113.0	1 646.7	
	2	0.5	85.3	323.3	296.3	1 113 333.4	0.1	4 056 666.8	0.6		10.0	1.3	0.3	6.7	51.7	1 733.3	
	3	1.0	60.8	59.3	221.3	154 250.0	0.1	274 250.0	2.6		5.2	2.2	0.1	6.8	48.5	1 184.8	
	4	0.5	75.7	31.3	285.0	198 000.0	0.1	358 500.0	1.5		3.6	2.8	0.1	6.7	12.0	1 540.0	
E3 NIEMAND STR W/VILLE	1		86.0	40.3	197.3	15 333.3	0.2	35 466.7	0.9	0.9	3.6	1.0	0.3	7.3	27.7	1 370.0	
	2		93.3	93.3	292.7	21 666.7	0.1	51 333.3	0.8	2.2	6.3	0.4	0.3	7.1	22.0	1 620.0	
	3		67.5	41.8	237.0	25 507.5	0.2	51 265.0	1.1	1.2	2.8	1.3	0.1	7.1	25.3	1 247.8	
	4		57.0	23.7	202.0	143.3	0.2	243.3	0.3	1.2	1.7	0.9	0.1	7.5	12.7	996.0	
E4 NEDERVEEN STR W/VILLE	1	0.1	78.7	24.0	239.0	90.0	0.2	181.0	0.1	0.7	0.7	1.6	0.2	7.8	11.7	1 244.3	
	2	0.2	81.3	136.3	300.7	346.7	0.2	651.7	0.5	1.3	1.4	2.6	0.4	7.5	8.0	1 413.3	
	3	0.1	62.3	10.0	220.3	148.7	0.2	1 741.0	0.3	0.7	0.3	0.9	0.1	7.0	8.7	1 090.0	
	4	0.1	64.0	32.0	207.3	190.0	0.2	320.0	0.4	0.7	0.4	0.4	0.2	7.1	11.3	924.7	
NAT1 ALBERTON NORTH	1		37.7	24.3	62.3	26.3	0.1	27.7	1.5		2.1	1.6	0.3	7.7	6.7	163.7	
	2		35.0	12.3	66.0	104.7	0.1	148.0	1.0		0.9	1.7	0.1	7.1	9.7	202.0	
	3		32.7	17.7	54.3	36 903.3	0.2	70 513.3	1.4		1.6	1.4	0.1	7.3	28.3	139.0	
	4		36.5	50.3	53.0	6 730.0	0.2	45 065.0	2.1		3.3	0.8	0.1	7.0	11.8	157.5	
NAT2 HEDELBURG RD	1		38.3	8.7	60.7	6 333.3	0.3	8 100.0	0.5		0.8	2.6	0.2	8.7	5.0	94.3	
	2	0.2	35.7	15.3	52.7	3 186.7	0.2	3 790.0	0.7	1.1	3.2	1.7	0.1	7.2	7.3	147.3	
	3	0.4	27.7	18.3	49.0	4 766.7	0.1	6 433.3	1.9	2.8	2.6	0.7	0.1	7.0	12.0	156.0	
	4	0.2	39.3	30.3	55.0	2 907.5	0.2	4 457.5	0.7	1.2	3.2	0.8	0.1	7.3	13.3	145.0	
NAT3 HUNTERSFIELD	1	2.7	34.0	63.7	60.0	5 600.0	0.3	19 866.7	0.9	1.0	2.5	39.1	0.8	0.2	8.0	17.0	150.3
	2	0.3	32.7	22.3	49.0	31 500.0	0.2	32 900.0	1.1	1.3	2.1	26.4	0.5	0.1	7.9	5.0	116.3
	3	0.5	37.0	41.0	58.3	22 500.0	0.3	33 966.7	1.5	2.0	1.4	1.1	0.1	7.2	12.7	311.0	
	4	0.3	41.3	27.7	52.3	52 000.0	0.7	111 000.0	0.9	0.8	3.4	0.4	0.1	7.3	24.0	249.3	
NAT4 VOSLOORUS EXT 32	1		60.7	22.3	159.3	437.7	0.2	738.3		0.1		2.4	0.4	7.6	13.0	591.3	
	2		73.7	15.0	194.7	145.0	0.2	236.7		0.2		2.9	0.2	7.9	7.7	866.7	
	3		41.7	17.3	135.0	536.7	0.3	1 116.7		0.3		1.3	0.1	7.6	5.0	363.7	
	4		46.0	22.3	120.3	391.0	0.3	528.0		0.3		1.9	0.1	7.5	7.3	259.3	
NAT5 MOLELEKI X1	1	0.1	71.0	22.3	142.7	746.3	0.2	966.0	0.4	0.2	1.8	3.9	0.2	8.0	11.0	473.7	
	2	0.2	76.7	25.7	164.0	1 010.0	0.2	1 386.7	0.7	0.3	2.5	3.7	0.3	8.0	8.3	676.7	
	3	0.2	43.7	24.0	118.3	1 933.3	0.3	5 500.0	0.6	0.5	2.4	2.2	0.1	7.4	10.0	336.0	

Quarter 1: 2017/04/01 - 2017/06/30
 Quarter 3: 2017/10/01 - 2017/12/31





Quarter 2: 2017/07/01 - 2017/09/30
 Quarter 4: 2018/01/01 - 2018/03/31

Ideal
 Tolerable
 Acceptable
 Unacceptable

SAMPLE POINT	QUARTER	ELEMENT																
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG_TOT	MN_TOT	N	NA_TOT	NOX	P	PH	SS	SULPHATES
NAT5 MOLELEKI X1	4	0.1	51.0	29.0	103.3	2 803.3	0.3	4 090.0	0.4	0.3	2.2	3.4	0.2	7.5	5.0	226.7		
NAT6 R550	1	0.2	64.7	24.0	136.7	78.7	0.2	97.0	0.3	0.1	1.7	4.9	0.2	7.7	8.7	468.0		
	2	0.2	73.7	35.3	154.0	646.3	0.2	1 060.3	0.5	0.2	1.7	4.8	0.3	8.0	7.7	570.0		
	3	0.3	51.0	15.7	113.7	3 863.3	0.2	3 986.7	0.7	0.5	1.0	3.3	0.1	7.6	7.0	412.7		
	4	0.1	63.0	30.3	98.7	490.0	0.3	950.0	0.3	0.2	0.7	5.5	0.2	7.5	11.0	276.3		

Quarter 1: 2017/04/01 - 2017/06/30
Quarter 3: 2017/10/01 - 2017/12/31

Quarter 2: 2017/07/01 - 2017/09/30
Quarter 4: 2018/01/01 - 2018/03/31

	Ideal		Acceptable
	Tolerable		Unacceptable