



CITY OF EKURHULENI

Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2018/11/01

SAMPLE POINT	QUARTER	ELEMENT														
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG_TOT	MN_TOT	N	NA_TOT	NOX	P	PH
D1 CINDERELLA DAM OUTFLOW	1	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
	2	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
	3	0.4	33.7	18.7	85.0	87.7	0.2	128.7	0.3	5.6	2.7	0.8	0.1	7.2	5.0	357.3
	4	0.6	72.3	11.5	194.5	0.5	0.2	0.5	0.5	15.1	5.1	0.8	0.1	6.6	13.0	906.8
D2 DIXIE SPRUIT	1		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
	2		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
	3		60.3	24.7	146.0	58.3	0.3	86.7	0.1	0.5	2.1	0.9	0.1	6.9	5.0	637.3
	4		131.0	10.0	287.0	10.7	0.2	15.0	0.2	2.5	0.3	0.6	0.1	6.7	21.0	1 396.7
E1 TEDSTONEVILLE EXT 1	1		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
	2		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
	3		88.7	35.3	375.7	17 150.0	0.1	27 323.3	0.3		1.6	3.5	0.1	6.6	25.3	2 130.0
	4		85.7	12.3	365.3	122 753.3	0.1	182 823.3	0.2		5.4	3.8	0.1	6.7	30.7	2 100.0
E2 BRUG STR ELSBURG	1	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
	2	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
	3	0.2	83.0	42.7	295.3	100 008.3	0.1	130 012.3	0.6		3.8	2.1	0.1	6.9	25.7	1 660.0
	4	0.2	73.3	25.7	288.3	5 936.7	0.1	8 210.0	0.4		7.8	3.0	0.2	7.1	21.3	1 480.0
E3 NIEMAND STR W/VILLE	1		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
	2		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
	3		71.7	35.0	238.7	31 376.0	0.2	32 347.7	1.0	0.8	1.4	1.2	0.1	6.9	13.7	1 314.3
	4		85.0	9.0	275.7	6 686.3	0.2	7 029.3	0.4	0.9	2.0	2.8	0.1	6.8	20.7	1 360.0
E4 NEDERVEEN STR W/VILLE	1	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
	2	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
	3	0.2	67.3	30.0	261.0	51.3	0.2	99.7	0.6	0.6	1.5	0.7	0.1	7.2	31.0	1 343.3
	4	0.1	73.3	49.7	257.0	66.0	0.2	78.0	0.2	0.6	1.0	0.7	0.1	7.2	30.3	1 240.0
NAT1 ALBERTON NORTH	1		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
	2		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
	3		36.0	59.0	58.7	171.3	0.2	613.7	1.5		5.2	0.7	0.1	7.3	9.0	165.3
	4		31.7	20.3	50.3	3 756.7	0.6	4 086.7	1.1		4.5	0.6	0.1	7.5	5.0	82.7
NAT2 HEDELBURG RD	1	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
	2	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
	3	0.1	34.7	36.3	53.7	3 326.7	0.2	5 560.0	0.6	1.2	3.5	0.7	0.1	7.3	13.7	138.3
	4	0.1	32.3	11.0	47.7	2 666.7	0.2	4 633.3	0.5	0.7	3.8	0.8	0.1	7.4	5.0	91.3
NAT3 HUNTERSFIELD	1	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
	2	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
	3	0.2	36.0	35.0	59.3	8 733.3	0.5	13 666.7	0.8	1.2	2.9	0.6	0.1	6.6	6.7	149.3
	4	2.1	30.0	30.0	49.3	5 693.3	0.2	9 856.7	0.7	1.1	3.2	0.6	0.1	7.6	21.7	97.0
NAT4 VOSLOORUS EXT 32	1		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
	2		46.0	22.3	120.3	391.0	0.3	528.0		0.3		1.9	0.1	7.5	7.3	259.3
	3		55.7	20.3	160.3	87.3	0.3	111.0		0.2		1.7	0.1	6.8	8.7	620.0
	4		57.3	9.7	157.3	46.0	0.3	82.3		0.3		2.6	0.1	7.3	9.7	579.3
NAT5 MOLELEKI X1	1	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
	2	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
	3	0.1	59.7	33.7	140.0	2 670.0	0.3	3 830.0	0.4	0.2	1.9	2.9	0.1	7.3	8.0	497.7

Quarter 1: 2017/10/01 - 2017/12/31
 Quarter 3: 2018/04/01 - 2018/06/30

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

	Ideal		Acceptable
	Tolerable		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
NAT5 MOLELEKI X1	4	0.1	65.3	22.7	138.7	14 335.0	0.3	21 338.3	0.6		0.3	3.1	2.6	0.2	7.2	27.0	426.7
NAT6 R550	1	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
	2	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
	3	0.1	57.3	24.7	131.7	633.3	0.2	973.3	0.3		0.1	1.4	4.1	0.1	7.3	12.7	457.3
	4	0.1	64.3	24.7	131.3	4 840.0	0.3	6 403.3	0.5		0.3	3.0	3.5	0.1	7.6	14.7	428.0

Quarter 1: 2017/10/01 - 2017/12/31
Quarter 3: 2018/04/01 - 2018/06/30

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



Ideal
Tolerable



Acceptable
Unacceptable