



CITY OF EKURHULENI

Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2019/02/04

SAMPLE POINT	QUARTER	ELEMENT															
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG	MN_TOT	N	NA_TOT	NOX	P	PH	SS
D1 CINDERELLA DAM OUTFLOW	1	0.1	33.0	27.0	75.0	111.0	0.2	234.7	0.2	35.0	4.2	1.7	0.9	0.1	7.3	5.0	322.3
	2	0.4	33.7	18.7	85.0	87.7	0.2	128.7	0.3	40.1	5.6	2.7	0.8	0.1	7.2	5.0	357.3
	3	0.7	72.4	10.2	198.8	40.4	0.3	240.4	0.6	97.5	14.9	5.0	0.7	0.1	6.5	14.8	915.0
	4	0.3	80.0	8.0	217.0	104.0	0.2	156.0	0.5	106.9	16.8	5.1	1.1	0.1	6.3	15.0	959.5
D2 DIXIE SPRUIT	1		51.7	10.0	122.7	176.7	0.3	460.0	0.1	49.6	0.2	0.3	0.7	0.1	7.2	5.0	469.3
	2		60.3	24.7	146.0	58.3	0.3	86.7	0.1	54.7	0.5	2.1	0.9	0.1	6.9	5.0	637.3
	3		136.5	10.0	301.3	73.0	0.2	81.3	0.2	155.1	2.4	0.3	0.5	0.1	6.5	22.5	1 465.0
	4		91.5	17.5	232.0	160.0	0.2	260.0	0.4	123.7	1.3	0.3	0.1	0.1	6.6	27.0	981.0
E1 TEDSTONEVILLE EXT 1	1		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
	2		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
	3		72.3	30.0	286.8	342 065.0	0.1	687 117.5	0.2			6.0	3.0	0.2	6.8	32.5	1 590.8
	4		68.5	28.5	278.5	218 150.0	0.1	454 750.0	1.0			7.4	0.9	0.1	6.8	61.5	1 300.0
E2 BRUG STR ELSBURG	1	0.5	75.7	31.3	285.0	198 000.0	0.1	358 500.0	1.5	89.1		3.6	2.8	0.1	6.7	12.0	1 540.0
	2	0.2	83.0	42.7	295.3	100 008.3	0.1	130 012.3	0.6	95.1		3.8	2.1	0.1	6.9	25.7	1 660.0
	3	0.2	73.0	30.5	292.8	27 202.5	0.1	28 907.5	0.4	111.3		7.3	2.8	0.2	6.9	31.3	1 515.0
	4	0.1	66.5	156.0	254.0	634 500.0	0.1	654 500.0	0.7	88.4		7.4	0.4	0.3	6.9	52.0	1 115.0
E3 NIEMAND STR W/VILLE	1		57.0	23.7	202.0	143.3	0.2	243.3	0.3	66.0	1.2	1.7	0.9	0.1	7.5	12.7	996.0
	2		71.7	35.0	238.7	31 376.0	0.2	32 347.7	1.0	63.5	0.8	1.4	1.2	0.1	6.9	13.7	1 314.3
	3		80.5	11.3	278.0	5 032.3	0.2	5 289.5	0.3	97.0	1.0	1.6	2.6	0.1	6.8	23.0	1 390.0
	4		60.0	29.5	222.0	11 750.0	0.2	25 000.0	1.9	73.8	1.4	2.7	1.7	0.1	6.7	45.5	948.5
E4 NEDERVEEN STR W/VILLE	1	0.1	64.0	32.0	207.3	190.0	0.2	320.0	0.4	70.6	0.7	0.4	0.4	0.2	7.1	11.3	924.7
	2	0.2	67.3	30.0	261.0	51.3	0.2	99.7	0.6	101.9	0.6	1.5	0.7	0.1	7.2	31.0	1 343.3
	3	0.1	68.8	40.5	241.0	87.0	0.2	111.0	0.3	90.7	0.5	0.8	0.7	0.1	7.0	27.8	1 133.5
	4	0.1	64.5	29.0	225.0	40 035.0	0.2	90 120.0	0.2	83.3	0.5	0.3	0.3	0.1	6.6	41.0	888.5
NAT1 ALBERTON NORTH	1		36.5	50.3	53.0	6 730.0	0.2	45 065.0	2.1	16.6		3.3	0.8	0.1	7.0	11.8	157.5
	2		36.0	59.0	58.7	171.3	0.2	613.7	1.5	20.1		5.2	0.7	0.1	7.3	9.0	165.3
	3		29.5	20.8	57.3	2 822.5	0.5	3 072.5	1.0	28.8		3.4	0.4	0.1	7.3	7.8	130.5
	4		28.0	48.5	41.0	37 500.0	0.2	65 500.0	1.1	13.3		3.5	0.3	0.1	6.8	5.0	79.0
NAT2 HEDELBURG RD	1	0.2	39.3	30.3	55.0	2 907.5	0.2	4 457.5	0.7	18.3	1.2	3.2	0.8	0.1	7.3	13.3	145.0
	2	0.1	34.7	36.3	53.7	3 326.7	0.2	5 560.0	0.6	18.1	1.2	3.5	0.7	0.1	7.3	13.7	138.3
	3	0.1	31.8	13.8	48.0	15 000.0	0.2	16 475.0	0.7	15.8	0.9	3.9	0.8	0.1	7.3	5.0	96.3
	4	0.1	25.5	8.5	38.5	1 350.0	0.2	2 250.0	0.7	12.6	0.3	2.9	0.9	0.1	7.1	5.0	71.5
NAT3 HUNTERSFIELD	1	0.3	41.3	27.7	52.3	52 000.0	0.7	111 000.0	0.9	15.3	0.8	3.4	0.4	0.1	7.3	24.0	249.3
	2	0.2	36.0	35.0	59.3	8 733.3	0.5	13 666.7	0.8	14.5	1.2	2.9	0.6	0.1	6.6	6.7	149.3
	3	1.6	29.5	39.8	49.3	10 020.0	0.2	21 892.5	0.6	13.5	0.8	3.7	0.4	0.1	7.6	22.3	92.5
	4	1.0	29.0	847.5	46.5	2 512 500.0	0.6	27 525 000.0	1.6	12.4	0.5	1.8	0.5	0.7	6.6	45.5	75.0
NAT4 VOSLOORUS EXT 32	1		46.0	22.3	120.3	391.0	0.3	528.0		39.2	0.3		1.9	0.1	7.5	7.3	259.3
	2		55.7	20.3	160.3	87.3	0.3	111.0		50.6	0.2		1.7	0.1	6.8	8.7	620.0
	3		56.3	11.3	152.8	87.0	0.3	129.3		50.0	0.3		2.6	0.1	7.4	10.5	545.5
	4		48.5	26.5	131.0	1 020.0	0.3	1 560.0		43.7	0.4		2.8	0.1	7.0	5.0	382.5
NAT5 MOLELEKI X1	1	0.1	51.0	29.0	103.3	2 803.3	0.3	4 090.0	0.4	29.5	0.3	2.2	3.4	0.2	7.5	5.0	226.7
	2	0.1	59.7	33.7	140.0	2 670.0	0.3	3 830.0	0.4	37.5	0.2	1.9	2.9	0.1	7.3	8.0	497.7
	3	0.1	63.8	25.5	133.8	19 501.3	0.3	25 253.8	0.5	40.7	0.2	3.2	2.7	0.2	7.3	24.8	404.0

Quarter 1: 2018/01/01 - 2018/03/31
 Quarter 3: 2018/07/01 - 2018/10/30

Quarter 2: 2018/04/01 - 2018/06/30
 Quarter 4: 2018/11/01 - 2018/12/31

Ideal	Acceptable
Tolerable	Unacceptable

SAMPLE POINT	QUARTER	ELEMENT															
		AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG	MN_TOT	N	NA_TOT	NOX	P	PH	SS
NAT5 MOLELEKI X1	4	0.2	62.5	45.5	113.0	59 000.0	0.3	147 000.0	0.9	29.0	0.5	4.2	1.6	0.3	6.7	15.0	280.5
NAT6 R550	1	0.1	63.0	30.3	98.7	490.0	0.3	950.0	0.3	28.0	0.2	0.7	5.5	0.2	7.5	11.0	276.3
	2	0.1	57.3	24.7	131.7	633.3	0.2	973.3	0.3	36.6	0.1	1.4	4.1	0.1	7.3	12.7	457.3
	3	0.1	63.0	25.0	127.0	3 855.0	0.3	5 252.5	0.4	39.5	0.4	2.4	2.9	0.1	7.7	13.8	402.0
	4	0.3	60.0	45.5	105.0	15 000.0	0.3	23 500.0	0.5	27.8	0.3	3.5	3.0	0.3	7.2	13.5	241.5

Quarter 1: 2018/01/01 - 2018/03/31
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Quarter 2: 2018/04/01 - 2018/06/30
 Quarter 4: 2018/11/01 - 2018/12/31



Ideal
Tolerable



Acceptable
Unacceptable