City of Ekurhuleni

CITY OF EKURHULENI

Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2018/08/06

		ELEMENT																
SAMPLE POINT	QUARTER	AL_TOT	CHLORIDE	COD	CONDUCTIVITY	ECOLI	F	FCOLI	FE_TOT	MG_TOT	MN_TOT	N	NA_TOT	NOX	P	PH	SS	SULPHATES
D1 CINDERELLA DAM OUTFLOW	1	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
	2	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
	3	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
	4	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
D2 DIXIE SPRUIT	1		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
	2		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
	3		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
	4		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
E1 TEDSTONEVILLE EXT 1	1		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
	2		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
	3		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
	4		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
E2 BRUG STR ELSBURG	1	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
	2	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
	3	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
	4	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
E3 NIEMAND STR W/VILLE	1		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
	2		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
	3		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
	4		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
E4 NEDERVEEN STR W/VILLE	1	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
	2	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
	3	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
	4	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
NAT1 ALBERTON NORTH	1		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
	2		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
	3		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
	4		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
NAT2 HEDELBURG RD	1	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
	2	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
	3	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
	4	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
NAT3 HUNTERSFIELD	1	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
	2	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
	3	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
	4	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
NAT4 VOSLOORUS EXT 32	1		73.7	15.0	194.7	145.0	0.2	236.7			0.2			2.9	0.2	7.9	7.7	866.7
	2		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
	3		46.0	22.3	120.3	391.0	0.3	528.0			0.3			1.9	0.1	7.5	7.3	259.3
	4		55.7	20.3	160.3	87.3	0.3	111.0			0.2			1.7	0.1	6.8	8.7	620.0
NAT5 MOLELEKI X1	1	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
	2	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
	3	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

Quarter 1: 2017/07/01 - 2017/09/30
Quarter 2: 2017/10/01 - 2017/12/31
Quarter 3: 2018/01/01 - 2018/03/31
Quarter 4: 2018/04/01 - 2018/06/30

Ideal
Tolerable
Acceptable
Unacceptable

		ELEMENT																
SAMPLE POINT	QUARTER	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	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
NAT6 R550	1	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
	2	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
	3	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
	4	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

Quarter 1: 2017/07/01 - 2017/09/30
Quarter 2: 2017/10/01 - 2017/12/31
Quarter 3: 2018/01/01 - 2018/03/31
Quarter 4: 2018/04/01 - 2018/06/30

Ideal
Tolerable
Acceptable
Unacceptable