



EKURHULENI METROPOLITAN MUNICIPALITY

Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2016/10/31

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
D1 CINDERELLA DAM OUTFLOW	1	0.4	72.0	22.0	178.3	27.3	0.7	84.7	0.5	180.7	15.9	5.8	109.1	1.5	0.1	7.7	14.0	841.0
	2	0.1	23.3	13.7	40.3	550.0	0.3	996.7	0.5		0.8	1.1		0.9	0.1	7.3	5.0	71.0
	3	0.1	28.7	30.3	41.7	11 100.0	0.3	25 300.0	0.6		0.6	2.6		0.3	0.1	7.1	5.0	69.3
	4	0.2	33.7	7.7	51.7	37.0	0.2	55.3	0.5		0.9	2.2		2.8	0.1	7.6	5.0	112.3
D2 DIXIE SPRUIT	1		73.3	19.3	131.3		0.2	210.7	0.3	110.7	1.6	0.1	77.8	0.2	0.1	7.7	16.0	595.3
	2		27.7	14.3	192.0		0.4	1 386.7	0.4		0.4	0.3		0.6	0.1	7.1	7.0	104.7
	3		41.3	9.7	82.7	163.0	0.2	249.3	0.3		0.4	0.8		1.1	0.1	6.9	5.0	257.7
	4		56.3	9.3	79.3	1 933.3	0.2	3 546.7	0.1		0.3	0.2		0.7	0.1	7.3	8.0	431.0
E1 TEDSTONEVILLE EXT 1	1		102.3	78.0	210.3	1 451 150.0	0.2	1 716 500.0	16.7	57.8	1.1	11.9	92.0	5.6	0.3	6.6	49.7	1 027.3
	2		69.7	32.3	149.7	1 260.0	0.2	36 923.3	0.9		0.6	3.7		2.1	0.1	7.2	22.7	1 295.3
	3		31.3	57.3	52.3	207 023.3	0.2	875.0	0.4		0.2	3.6		2.2	0.1	7.2	22.0	87.3
	4		27.0	18.0	119.0	63.3	0.1	96.7	0.2		0.2	1.4		1.9	0.1	6.8	44.0	77.3
E2 BRUG STR ELSBURG	1	0.4		97.0	156.3	110 666.7	0.1	252 333.3	1.2	57.5	1.7	10.3	105.5	20.0	0.3	7.7	38.3	596.7
	2	1.0		39.7	247.7	186 666.7	0.2	532 333.3	1.9		1.1	3.2		1.7	0.1	6.8	36.0	1 088.3
	3	0.6		42.3	253.0	81 000.0	0.1	113 666.7	2.1		1.2	5.4		1.1	0.1	7.6	40.7	1 230.0
	4	1.0		26.7	303.7	22 333.3	0.1	59 333.3	1.7		0.8	2.5		3.1	0.1	6.9	34.3	1 960.0
E3 NIEMAND STR W/VILLE	1		78.5	74.0	158.0	30 000.0	0.1	52 666.7	0.8	86.7	1.3	8.1	88.7	0.4	0.3	7.4	34.7	746.0
	2			19.0	175.0	107 633.3	0.3	257 500.0	2.0		1.3	2.9		0.4	0.1	7.1	32.7	740.3
	3			23.7	219.3	2 826.7	0.1	4 826.7	1.1		1.2	6.4		0.7	0.2	7.8	20.0	1 032.0
	4			14.3	292.7	330.0	0.1	893.3	0.4		1.1	1.9		1.8	0.1	7.9	17.7	1 930.0
E4 NEDERVEEN STR W/VILLE	1	0.2	56.0	24.0	220.7	5 800.0	0.6	9 166.7	0.9	86.9	2.1	5.1	100.3	0.1	0.5	7.0	27.0	809.0
	2	0.1	64.7	13.0	198.0	14 700.0	0.3	67 833.3	0.9		1.8	1.4		0.7	0.1	7.6	13.7	900.0
	3	0.1	77.0	16.0	241.7	4 445.7	0.2	8 538.0	0.7		1.2	1.4		2.8	0.3	7.7	15.0	1 089.7
	4	0.1	81.7	21.7	270.3	59.7	0.2	295.3	0.6		0.5	0.3		1.3	0.1	7.2	17.7	1 603.3
NAT1 ALBERTON NORTH	1		31.0	19.0	82.7		0.4	2 334.7	16.1	21.4	1.4	3.1	24.9	0.8	0.1	6.6	5.0	292.7
	2		28.0	14.3	55.8	4 600.0	0.2	7 325.0	1.1		2.4	3.0		1.1	0.1	7.5	5.0	64.0
	3		32.7	13.0	46.7	936.7	0.4	1 403.3	2.0		1.2	2.2		2.2	0.1	7.6	8.0	99.3
	4		29.0	12.3	49.7	26.0	0.2	36.7	1.1		2.6	1.0		1.8	0.1	7.7	8.0	139.7
NAT2 HEDELBURG RD	1		30.0	23.7	86.3	5 466.7	0.4	13 166.7	19.0	11.8	1.3	1.8	14.1	0.8	0.1	6.6	9.0	324.7
	2		29.0	5.0	50.3	21 400.0	0.1	37 600.0	9.7		1.4	2.9		1.2	0.1	7.0	5.0	138.8
	3		36.0	6.7	59.7	6 416.7	0.2	20 586.7	0.3		1.8	3.6		0.9	0.1	7.2	67.7	164.7
	4		27.0	7.3	53.3	3 206.0	0.1	5 142.7	1.0		1.9	2.8		1.0	0.1	7.7	10.3	111.7
NAT3 HUNTERSFIELD	1	0.3	42.7	46.7	223.0	108 666.7	0.6	342 000.0	0.9	14.8	1.7	3.6	25.7	0.2	0.1	7.3	12.7	139.0
	2	1.2	30.0	87.0	65.0	2 660 000.0	0.3	4 833 333.5	1.3		1.7	2.6		0.6	0.1	7.3	29.3	153.3
	3	0.3	44.0	32.0	64.7	14 666.7	0.6	31 866.7	0.9		2.2	3.2		1.1	0.1	7.3	7.7	272.3
	4	0.2	37.0	15.0	62.0	7 500.0	0.3	14 233.3	1.0		1.8	3.5		1.7	0.8	7.5	7.7	164.0
NAT4 VOSLOORUS EXT 32	1		66.0	22.0	144.3	2 496.3	0.7	2 597.3	0.2	34.9	1.1	2.5	62.0	3.7	0.3	7.6	5.0	497.7
	2		42.3	27.3	103.0	746.7	0.4	1 240.0	0.0		0.2	1.3		1.6	0.2	7.1	5.0	311.3
	3		61.7	13.3	149.0	56.0	0.2	66.0	0.1		0.2	0.1		3.3	0.1	7.5	5.0	596.3
	4		67.3	13.0	170.0	64.3	0.3	83.7	0.1		0.1	2.2		1.7	0.3	7.2	20.0	803.7
NAT5 MOLELEKI X1	1	0.1	82.7	27.0	116.0	222.3	0.8	385.7	0.4	21.3	0.7	7.0	65.7	4.6	0.2	7.4	8.7	313.0
	2	0.1	53.7	37.0	78.7	2 542.3	0.4	4 215.0	0.3		0.4	1.3		3.4	0.3	7.3	5.0	293.0
	3	0.2	72.3	14.3	154.7	793.7	0.2	1 557.0	0.5		0.4	2.1		2.7	0.2	7.2	6.7	585.0

Quarter 1: 2015/10/01 - 2015/12/31
 Quarter 3: 2016/04/01 - 2016/06/30

Quarter 2: 2016/01/01 - 2016/03/31
 Quarter 4: 2016/07/01 - 2016/09/30

	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	SULPHATES
NAT5 MOLELEKI X1	4	0.2	74.3	17.0	159.7	278.3	0.3	354.0	0.4		0.4	3.5	2.6	0.1	7.7	7.3	707.0	
NAT6 R550	1	0.2	78.7	26.7	110.7	6 763.3	0.7	15 190.0	0.4	23.9	0.7	5.5	65.8	6.6	0.3	7.7	7.0	287.7
	2	0.3	52.0	40.3	91.0	11 666.7	0.3	20 000.0	0.5		0.4	0.9	3.0	0.2	6.8	11.0	279.7	
	3	0.2	71.7	12.0	148.3	3 362.3	0.2	5 715.7	0.3		0.3	1.7	4.0	0.1	7.5	8.3	531.3	
	4	0.1	70.7	12.7	149.3	94.0	0.2	215.0	0.3		0.3	2.1	4.8	0.3	8.1	9.0	563.7	

Quarter 1: 2015/10/01 - 2015/12/31
Quarter 3: 2016/04/01 - 2016/06/30

Quarter 2: 2016/01/01 - 2016/03/31
Quarter 4: 2016/07/01 - 2016/09/30



Ideal
Tolerable



Acceptable
Unacceptable