



## Ekurhuleni Metropolitan Municipality

### Quarterly Water Quality Status of the KLIPRIVIER Catchment

As on 2017/10/30

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	0.2	35.3	33.0	77.3	116.7	0.2	193.3	0.3	4.2	2.3		1.1	0.1	7.8	5.0	345.0
	2	0.1	19.3	16.0	34.7	86.7	0.2	136.7	0.6	0.6	1.1		12.6	0.1	8.1	10.0	85.7
	3	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
	4	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
D2 DIXIE SPRUIT	1		48.0	18.5	102.5	120.5	0.2	140.5	0.1	0.6	0.5		0.4	0.1	8.1	5.0	400.0
	2		31.3	14.0	63.0	81.3	0.2	135.0	0.1	0.5	0.3		0.8	0.1	7.6	5.0	202.7
	3		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
	4		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
E1 TEDSTONEVILLE EXT 1	1		54.7	42.3	171.0	57 100.0	0.2	98 933.3	1.4		4.5		1.5	0.7	6.9	32.7	999.0
	2		62.7	35.3	292.7	190 000.0	0.1	793 333.3	1.3		5.9		0.9	0.1	6.9	37.3	1 143.7
	3		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
	4		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
E2 BRUG STR ELSBURG	1	0.8	59.0	47.7	283.0	97 000.0	0.1	186 000.0	0.8	0.7	2.2		2.5	0.1	6.6	30.3	1 628.0
	2	0.4	74.3	62.3	190.7	460 000.0	0.1	1 180 000.0	0.7		4.2	84.4	2.0	0.1	7.5	68.0	1 225.0
	3	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
	4	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
E3 NIEMAND STR W/VILLE	1		44.0	72.0	222.3	133 786.7	0.2	337 676.7	2.3	0.7	1.4		1.2	0.1	7.6	56.3	1 190.7
	2		79.3	100.3	140.0	556.7	0.1	2 303.3	2.4	1.2	1.8		1.4	0.1	7.4	29.7	614.7
	3		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
	4		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
E4 NEDERVEEN STR W/VILLE	1	0.3	61.3	34.3	199.3	1 500.0	0.3	4 166.7	1.1	0.8	1.1		0.7	0.1	7.0	17.7	1 103.7
	2	0.3	54.7	30.7	187.0	860.0	0.2	1 933.3	0.8	0.5	0.4		0.9	0.1	7.7	26.3	536.7
	3	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
	4	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
NAT1 ALBERTON NORTH	1		29.7	24.0	52.3	25 533.3	0.2	43 400.0	1.3	1.7	6.8		0.8	0.1	7.9	8.7	147.0
	2		36.0	24.3	59.3	263.3	0.1	790.0	0.5		2.2		1.2	0.1	7.5	13.7	166.0
	3		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
	4		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
NAT2 HEDELBURG RD	1		27.7	24.0	48.3	11 583.3	0.2	19 700.0	0.6	1.1	4.5		0.9	0.1	8.2	10.0	135.3
	2		35.0	16.3	56.0	1 820.0	0.1	3 563.3	0.4		2.9		1.4	0.1	7.4	8.3	159.7
	3		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
	4	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
NAT3 HUNTERSFIELD	1	0.4	32.0	39.7	63.3	93 166.7	0.2	215 800.0	0.5	0.9	3.8		0.6	0.1	7.2	17.0	130.7
	2	0.1	36.7	23.7	59.7	382 333.3	0.2	420 333.3	0.8	1.2	2.0	24.6	0.6	0.1	7.5	12.3	156.7
	3	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
	4	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
NAT4 VOSLOORUS EXT 32	1		59.7	28.0	157.7	122.0	0.2	156.0	0.2	0.3	1.2		2.1	0.1	7.7	5.0	615.7
	2		54.7	7.7	132.7	99.7	0.2	180.7		0.1			2.4	0.1	7.8	5.0	520.7
	3		60.7	22.3	159.3	437.7	0.2	738.3		0.1			2.4	0.4	7.6	13.0	591.3
	4		73.7	15.0	194.7	145.0	0.2	236.7		0.2			2.9	0.2	7.9	7.7	866.7
NAT5 MOLELEKI X1	1	0.3	65.7	34.0	135.0	173.3	0.3	312.3	0.5	0.5	2.7		2.4	0.1	7.8	5.0	453.3
	2	0.2	60.0	15.0	118.3	73.7	0.2	152.3	0.6	0.2	0.6		2.4	0.1	7.9	7.0	397.3
	3	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

Quarter 1: 2016/10/01 - 2016/12/31  
 Quarter 3: 2017/04/01 - 2017/06/30

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

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	0.2	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
NAT6 R550	1	0.3	64.3	26.3	125.0	956.7	0.2	2 750.0	0.4		0.4	1.8		4.0	0.1	7.5	10.7	425.7
	2	0.1	57.3	10.3	110.7	6 340.0	0.2	6 350.0	0.4		0.1	0.5		3.1	0.1	8.0	7.3	357.7
	3	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
	4	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

Quarter 1: 2016/10/01 - 2016/12/31  
Quarter 3: 2017/04/01 - 2017/06/30

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



Ideal  
Tolerable



Acceptable  
Unacceptable