

RUSTENBURG LOCAL MUNICIPALITY

OFFICE OF THE MUNICIPAL MANAGER

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SUNDRY WATER TARIFFS																
Description	Approved Tariff 2016/2017				Proposed Tariff 2017/2018				Proposed Tariff 2018/2019				Proposed Tariff 2019/2020			
SUMMARY OF WATER CONNECTION	Short	Long	Short (Prepaid)	Long (Prepaid)	Short	Long	Short (Prepaid)	Long (Prepaid)	Short	Long	Short (Prepaid)	Long (Prepaid)	Short	Long	Short (Prepaid)	Long (Prepaid)
15 mm Connection	3,769.70	39,916.80	6,106.10	42,223.50	4,146.67	43,908.48	6,716.71	46,445.85	4,561.34	48,299.33	7,388.38	51,090.44	5,017.47	53,129.26	8,127.22	56,199.48
20 mm Connection	3,769.70	29,170.90	6,363.50	42,258.70	4,146.67	32,087.99	6,999.85	46,484.57	4,561.34	35,296.79	7,699.84	51,133.03	5,017.47	38,826.47	8,469.82	56,246.33
25 mm Connection	4,379.10	40,762.70	6,395.40	42,324.70	4,817.01	44,838.97	7,034.94	46,557.17	5,298.71	49,322.87	7,738.43	51,212.89	5,828.58	54,255.15	8,512.28	56,334.18
	Short	Long	Short (AMR)	Long (AMR)	Short	Long	Short (AMR)	Long (AMR)	Short	Long	Short (AMR)	Long (AMR)	Short	Long	Short (AMR)	Long (AMR)
50 mm Connection	15,870.80	63,412.80	21,483.00	69,026.10	17,457.88	69,754.08	23,631.30	75,928.71	19,203.67	76,729.49	25,994.43	83,521.58	21,124.03	84,402.44	28,593.87	91,873.74
80 mm Connection	21,868.00	69,800.50	27,481.30	75,412.70	24,054.80	76,780.55	30,229.43	82,953.97	26,460.28	84,458.61	33,252.37	91,249.37	29,106.31	92,904.47	36,577.61	100,374.30
100 mm Connection	26,142.60	93,822.30	31,754.80	79,833.60	28,756.86	103,204.53	34,930.28	87,816.96	31,632.55	113,524.98	38,423.31	96,598.66	34,795.80	124,877.48	42,265.64	106,258.52
150 mm Connection	39,572.50	93,822.30	45,185.80	97,740.50	43,529.75	103,204.53	49,704.38	107,514.55	47,882.73	113,524.98	54,674.82	118,266.01	52,671.00	124,877.48	60,142.30	130,092.61
SUMMARY OF SEWER CONNECTION	Short	Long			Short	Long			Short	Long			Short	Long		
100 mm Sewer Connection	3,137.20	50,846.40	-	-	3,450.92	55,931.04	-	-	3,796.01	61,524.14	-	-	4,175.61	67,676.56	-	-
160 mm Sewer Connection	3,411.10	57,585.00			3,752.21	63,343.50			4,127.43	69,677.85			4,540.17	76,645.64		
SUMMARY OF METER TEST	Cost				Cost				Cost				Cost			
15mm Meter Test	779.90				857.89				943.68				1,038.05			
20mm Meter Test	807.40				888.14				976.95				1,074.65			
25mm Meter Test	1,200.10				1,320.11				1,452.12				1,597.33			
50mm Meter Test	1,621.40				1,783.54				1,961.89				2,158.08			
50mm Meter Test (connection)	3,228.50				3,551.35				3,906.49				4,297.13			
80mm Meter Test	2,224.20				2,446.62				2,691.28				2,960.41			
80mm Meter Test (connection)	4,232.80				4,656.08				5,121.69				5,633.86			
100mm Meter Test	2,827.00				3,109.70				3,420.67				3,762.74			
100mm Meter Test (connection)	4,834.50				5,317.95				5,849.75				6,434.72			
150 mm Meter Test	4,131.60				4,544.76				4,999.24				5,499.16			
150mm Meter Test (connection)	4,834.50				5,317.95				5,849.75				6,434.72			
200mm Meter Test	4,131.60				4,544.76				4,999.24				5,499.16			
200mm Meter Test (connection)	4,834.50				5,317.95				5,849.75				6,434.72			
15mm water meter KSM	386.10				424.71				467.18				513.90			
15mm water metered box	547.80				602.58				662.84				729.12			
20mm water meter KSM	401.50				441.65				485.82				534.40			
20mm water metered box	721.60				793.76				873.14				960.45			
25mm water meter KSM	916.30				1,007.93				1,108.72				1,219.60			
25mm water metered box	1,141.80				1,255.98				1,381.58				1,519.74			
50mm water meter	2,541.00				2,795.10				3,074.61				3,382.07			
50mm combination meter	8,195.00				9,014.50				9,915.95				10,907.55			
80mm water meter	3,234.00				3,557.40				3,913.14				4,304.45			
80mm combination meter	8,943.00				9,837.30				10,821.03				11,903.13			
100mm water meter	3,553.00				3,908.30				4,299.13				4,729.04			
100mm combination meter	9,900.00				10,890.00				11,979.00				13,176.90			
150mm water meter	5,775.00				6,352.50				6,987.75				7,686.53			
150mm combination meter	19,580.00				21,538.00				23,691.80				26,060.98			
Prepaid / smart meter 15 - 25 mm	2,750.00				3,025.00				3,327.50				3,660.25			
OTHER SERVICES																
Description																
WSDP Copy	255.20				280.72				308.79				339.67			
Water services bylaw copy	63.80				70.18				77.20				84.92			
Delivery of water by tankers	602.80				663.08				729.39				802.33			
Septic and sewer tank desludging	0,30 per liter				0,30 per liter				0,30 per liter				0,30 per liter			
Treated Water per kl	10.48				11.09				11.73				12.41			
Portable toilets hire	293.70				323.07				355.38				390.91			
Water quality check per parameter	Based on current rates of of appointed service provider				Based on current rates of of appointed service provider				Based on current rates of of appointed service provider				Based on current rates of of appointed service provider			
Night soil disposal per 5Kl or part	321.20				353.32				388.65				427.52			
Prepaid meter tag	115.50				127.05				139.76				153.73			
Relocation of services	Quote on request				Quote on request				Quote on request				Quote on request			
Damage recovery	As per extent based on losses				As per extent based on losses				As per extent based on losses				As per extent based on losses			
Adjustment of manhole	Quote on request				Quote on request				Quote on request				Quote on request			

Industrial effluent monitoring

The following formula will apply for industrial effluent charges covering the conveyance, and treatment of industrial effluent.

Ti = C x $\frac{Q_i}{Q_t}$ x [0,3 + 0,35 Kc + 0,25 Kn + 0,1 Kp]

Where:
Ti = charge due in R/month
C = total cost of the sewerage undertaking of Rustenburg Local Municipality covering both treatment and conveyance and must include fixed, semi fixed and variable charges (R/month).
Qi = sewage flow from the industry in m3/month
Qt = sum of design capacities of all the waste water treatment works of the Rustenburg Local Municipality in m3/month

Kc = $\frac{COD_i}{COD_t}$

Where:
CODi = industry sewage COD

CODt = target COD as published in **Schedule A** in the Bylaws in mg/l *The ratio(Kc) is the larger of 1 or the actual ratio*

Kn = $\frac{TKN_i}{TKN_t}$

Where:
TKNi = the industry TKN
TKNt = target TKN as published in **Schedule A** in the Bylaws in mg/l *The ratio(Kn) is the larger of 1 or the actual ratio*

Kp = $\frac{P_i}{P_t}$

Where:
Pi = Phosphate of industry in mg/l
Pt = target Phosphate as published in **Schedule A** in these Bylaws in mg/l. *The ratio(Kp) is the larger of 1 or the actual ratio.*
(a) The factor of 0,3 represents the “fixed portion” of the costs. This is independent of the strength (or make-up of the sewage) and also deals with the conveyance costs.
(b) The above formula is only applicable for the treatment of compliant effluent. If any constituent (heavy metals, any toxic substances etc.) exceeds the approved values, the municipality may introduce any of the following steps:
i. Refuse to accept the effluent

- ii. Impose a fine on the industry
iii. Insist on pre-treatment by the industry to render the effluent compliant prior to discharge to the municipal system.
(c) Fines for contravening the allowable limits of constituents in industrial effluents.
(d) The municipality sells treated sewage effluent to the mines as process water. There is stringent quality criteria associated with this and the mines may refuse to accept sub-standard effluent. In this case the municipality must provide them with potable water at no incremental cost. The one major concern is fats and oils in the effluent as that impact negatively on the mines processes.
(e) The municipality will thus, in particular, enforce the fat and oil standards rigorously.
(f) The fines will be implemented as follows:
i. First written warning. No fine
ii. Second contravention R10 000.00 fine regardless of quantity or quality
iii. Subsequent contraventions:

- Spot fines of the larger of R 10 000 or a flow related minimum fine of R5 per m3 or as per written approval
- Refuse to accept the effluent