



SUNDRY WATER Tariffs

Description	Approved Tariff 2019/2020				Proposed Tariff 2020/2021				Proposed Tariff 2021/2022				Proposed Tariff 2022/2023			
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	4,793.97	50,762.59	7,765.19	53,696.05	5,052.84	53,503.77	8,184.51	56,595.63	5,325.69	56,392.97	8,626.47	59,651.80	5,613.28	59,438.19	9,092.30	62,873.00
20 mm Connection	4,793.97	37,096.93	8,092.53	53,740.81	5,052.84	39,100.16	8,529.52	56,642.82	5,325.69	41,211.57	8,990.12	59,701.53	5,613.28	43,436.99	9,475.58	62,925.41
25 mm Connection	5,568.95	51,838.33	8,133.09	53,824.74	5,869.67	54,637.60	8,572.28	56,731.28	6,186.63	57,588.03	9,035.18	59,794.77	6,520.71	60,697.79	9,523.08	63,023.69
	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	20,183.06	80,642.69	27,320.15	87,781.18	21,272.94	84,997.40	28,795.44	92,521.37	22,421.68	89,587.26	30,350.39	97,517.52	23,632.45	94,424.97	31,989.31	102,783.47
80 mm Connection	27,809.75	88,765.99	34,948.24	95,903.08	29,311.48	93,559.36	36,835.44	101,081.85	30,894.30	98,611.56	38,824.56	106,540.27	32,562.59	103,936.59	40,921.09	112,293.45
100 mm Connection	33,245.81	119,314.76	40,382.90	101,525.19	35,041.08	125,757.75	42,563.58	107,007.55	36,933.30	132,548.67	44,862.01	112,785.96	38,927.70	139,706.30	47,284.56	118,876.40
150 mm Connection	50,324.74	119,314.76	57,463.23	124,297.57	53,042.28	125,757.75	60,566.24	131,009.64	55,906.56	132,548.67	63,836.82	138,084.16	58,925.52	139,706.30	67,284.01	145,540.71
SUMMARY OF SEWER CONNECTION	Short	Long			Short	Long			Short	Long			Short	Long		
100 mm Sewer Connection	3,989.61	64,661.88	-	-	4,205.05	68,153.62	-	-	4,432.12	71,833.91	-	-	4,671.45	75,712.94	-	-
160 mm Sewer Connection	4,337.93	73,231.42			4,572.18	77,185.92	-	-	4,819.08	81,353.96	-	-	5,079.31	85,747.07	-	-
SUMMARY OF METER TEST	Cost				Cost				Cost				Cost			
15mm Meter Test	991.81				1,045.36				1,101.81				1,161.31			
20mm Meter Test	1,026.78				1,082.22				1,140.66				1,202.26			
25mm Meter Test	1,526.18				1,608.59				1,695.46				1,787.01			
50mm Meter Test	2,061.95				2,173.30				2,290.65				2,414.35			
50mm Meter Test (connection)	4,105.72				4,327.42				4,561.11				4,807.40			
80mm Meter Test	2,828.54				2,981.28				3,142.27				3,311.95			
80mm Meter Test (connection)	5,382.89				5,673.57				5,979.94				6,302.86			
100mm Meter Test	3,595.12				3,789.26				3,993.88				4,209.55			
100mm Meter Test (connection)	6,148.08				6,480.08				6,830.00				7,198.82			
150 mm Meter Test	5,254.20				5,537.92				5,836.97				6,152.17			
150mm Meter Test (connection)	6,148.08				6,480.08				6,830.00				7,198.82			
200mm Meter Test	5,254.20				5,537.92				5,836.97				6,152.17			
200mm Meter Test (connection)	6,148.08				6,480.08				6,830.00				7,198.82			
15mm water meter KSM	491.01				517.52				545.47				574.92			
15mm water metered box	696.64				734.26				773.91				815.70			
20mm water meter KSM	510.59				538.16				567.22				597.85			
20mm water metered box	917.67				967.22				1,019.45				1,074.50			
25mm water meter KSM	1,165.27				1,228.19				1,294.51				1,364.42			
25mm water metered box	1,452.04				1,530.45				1,613.09				1,700.20			
50mm water meter	3,231.42				3,405.91				3,589.83				3,783.68			
50mm combination meter	10,421.66				10,984.43				11,577.59				12,202.78			
80mm water meter	4,112.71				4,334.80				4,568.88				4,815.59			
80mm combination meter	11,372.90				11,987.04				12,634.34				13,316.59			
100mm water meter	4,518.39				4,762.38				5,019.55				5,290.60			
100mm combination meter	12,589.93				13,269.79				13,986.35				14,741.62			
150mm water meter	7,344.13				7,740.71				8,158.71				8,599.28			
150mm combination meter	24,900.08				26,244.69				27,661.90				29,155.64			
Prepaid / smart meter 15 - 25 mm	3,497.20				3,686.05				3,885.10				4,094.89			
OTHER SERVICES																
Description																
WSDP Copy	324.54				342.07				360.54				380.01			
Water services bylaw copy	81.14				85.52				90.13				95.00			
Delivery of water by tankers	766.59				807.98				849.19				892.50			
Septic and sewer tank disludging	0,32 per liter				0,34 per liter				0,36 per liter				0,36 per liter			
Treated Water per kl	12.33				12.99				13.69				14.43			
Portable toilets hire	373.50				393.67				414.93				437.33			
Water quality check per parameter	Based on current rates of appointed service provider				Based on current rates of appointed service provider				Based on current rates of appointed service provider				Based on current rates of appointed service provider			
Night soil disposal per 5Kl or part	427.52				450.60				474.94				500.58			
Prepaid meter tag	153.73				162.03				170.78				180.00			
Rellocation 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 Qi x [0,3 + 0,35 Kc + 0,25 Kn + 0,1 Kp] / Qt

- 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 =

Pi

Pt
- 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:

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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

SANITATION SERVICES

CONSUMER	Approved Tariff 2019/2020	2020/2021 Increase %	Proposed Tariff 2020/2021	2021/2022 Increase %	Proposed Tariff 2021/2022	2022/2023 Increase %	Proposed Tariff 2022/2023	Billing Method
Residential 1 TOTAL								
Up to and including 300m2	155.8318	5.40	164.2467	5.40	173.1160	5.40	82.4643	
301m2 to 1000m2	165.1857	5.40	174.1057	5.40	183.5074	5.40	193.4168	
1001m2 to 2000m2	178.4073	5.40	188.0412	5.40	198.1955	5.40	208.8980	
2001m2 and Above	196.2322	5.40	206.8287	5.40	217.9975	5.40	229.7694	
Residential 2-4 TOTAL								
Up to and including 300m2	157.2506	5.40	165.7422	5.40	174.6922	5.40	184.1256	Sewer points
301m2 to 1000m2	166.6781	5.40	175.6787	5.40	185.1654	5.40	195.1643	
1001m2 to 2000m2	180.0153	5.40	189.7361	5.40	199.9819	5.40	210.7809	
2001m2 and Above	196.2322	5.40	206.8287	5.40	217.9975	5.40	229.7694	
Business/Commercial TOTAL								Sewer points
Up to and including 300m2	169.9047	5.40	179.0795	5.40	188.7498	5.40	198.9423	
301m2 to 1000m2	188.6440	5.40	198.8308	5.40	209.5676	5.40	220.8843	
1001m2 to 2000m2	213.2164	5.40	224.7301	5.40	236.8655	5.40	249.6562	
2001m2 and Above	245.2824	5.40	258.5276	5.40	272.4881	5.40	287.2025	
Industrial TOTAL								Sewer points
Up to and including 300m2	176.3998	5.40	185.9254	5.40	195.9654	5.40	206.5475	
301m2 to 1000m2	195.8223	5.40	206.3967	5.40	217.5421	5.40	229.2894	
1001m2 to 2000m2	221.3301	5.40	233.2819	5.40	245.8791	5.40	259.1566	
2001m2 and Above	254.6153	5.40	268.3645	5.40	282.8562	5.40	298.1304	
Government TOTAL								Sewer points
Up to and including 300m2	176.3998	5.40	185.9254	5.40	195.9654	5.40	206.5475	
301m2 to 1000m2	195.8223	5.40	206.3967	5.40	217.5421	5.40	229.2894	
1001m2 to 2000m2	221.3301	5.40	233.2819	5.40	245.8791	5.40	259.1566	
2001m2 and Above	254.6153	5.40	268.3645	5.40	282.8562	5.40	298.1304	
Church TOTAL								Sewer points
Up to and including 300m2	169.8626	5.40	179.0352	5.40	188.7031	5.40	198.8931	
301m2 to 1000m2	187.7191	5.40	197.8559	5.40	208.5402	5.40	219.8013	
1001m2 to 2000m2	211.2720	5.40	222.6807	5.40	234.7055	5.40	247.3796	
2001m2 and Above	245.2824	5.40	258.5276	5.40	272.4881	5.40	287.2025	
Educational TOTAL								Sewer points
Up to and including 300m2	169.8626	5.40	179.0352	5.40	188.7031	5.40	198.8931	
301m2 to 1000m2	187.7191	5.40	197.8559	5.40	208.5402	5.40	219.8013	
1001m2 to 2000m2	211.2720	5.40	222.6807	5.40	234.7055	5.40	247.3796	
2001m2 and Above	245.2824	5.40	258.5276	5.40	272.4881	5.40	287.2025	
Agri Residential TOTAL								Sewer points
Up to and including 300m2	155.8423	5.40	164.2578	5.40	173.1277	5.40	182.4766	
301m2 to 1000m2	165.1857	5.40	174.1057	5.40	183.5074	5.40	193.4168	
1001m2 to 2000m2	178.3967	5.40	188.0302	5.40	198.1838	5.40	208.8857	
2001m2 and Above	196.2427	5.40	206.8398	5.40	218.0092	5.40	229.7817	
Agri Business TOTAL								Sewer points
Up to and including 300m2	169.9257	5.40	179.1017	5.40	188.7732	5.40	198.9669	
301m2 to 1000m2	188.6440	5.40	198.8308	5.40	209.5676	5.40	220.8843	
1001m2 to 2000m2	213.2164	5.40	224.7301	5.40	236.8655	5.40	249.6562	
2001m2 and Above	245.2824	5.40	258.5276	5.40	272.4881	5.40	287.2025	
Municipal TOTAL								
Up to and including 300m2	169.9257	5.40	179.1017	5.40	188.7732	5.40	198.9669	
301m2 to 1000m2	188.6440	5.40	198.8308	5.40	209.5676	5.40	220.8843	
1001m2 to 2000m2	213.2164	5.40	224.7301	5.40	236.8655	5.40	249.6562	
2001m2 and Above	245.2824	5.40	258.5276	5.40	272.4881	5.40	287.2025	
Special TOTAL								
Up to and including 300m2	169.9257	5.40	179.1017	5.40	188.7732	5.40	198.9669	
301m2 to 1000m2	190.3781	5.40	200.6586	5.40	211.4941	5.40	222.9148	
1001m2 to 2000m2	221.6244	5.40	233.5921	5.40	246.2061	5.40	259.5012	
2001m2 and Above	251.9142	5.40	265.5176	5.40	279.8555	5.40	294.9677	
Vacant property TOTAL								
Up to and including 300m2	158.8376	5.40	167.4149	5.40	176.4553	5.40	185.9838	
301m2 to 1000m2	174.7182	5.40	184.1530	5.40	194.0973	5.40	204.5785	
1001m2 to 2000m2	195.6857	5.40	206.2527	5.40	217.3904	5.40	229.1294	
2001m2 and Above	223.0853	5.40	235.1319	5.40	247.8290	5.40	261.2117	