

City of Johannesburg Council 2020-05-29

COJ : MAYORAL COMMITTEE 2020-03-20

JOHANNESBURG WATER

8 AMENDMENT OF TARIFF CHARGES FOR WATER SERVICES AND SEWERAGE AND SANITATION SERVICES: 2020/21

1 STRATEGIC THRUST

Enhancing Financial Sustainability

2 OBJECTIVE

The purpose of this report is to present to Council for tabling the Tariff of Charges for Water, Sewerage and Sanitation Services. Council tabling is required for the tariff increases proposed under Item 3 below for the 2020/21 Financial Year. Business customers to pay a 2% surcharge on water services as well as sewerage and sanitary services.

3 PROPOSED TARIFF INCREASE

The proposed tariff increase for the 2020/21 financial year applicable to the various tariff bands is as follows:

- First 6 kl to be provided for free for residential customers.
- Residential post-paid and prepaid water and sanitation tariffs to be increased on average by 8,6% but will vary for different tariff bands.
- Residential post-paid and prepaid sanitation tariffs to be increased on average by 8,6%
- Institutional tariffs to be increased by 10,7% for consumption up to 200kl and consumption exceeding 200kl by 13.7% to narrow the gap compared to commercial tariff.
- Industrial/Commercial tariffs to be increased by 8.6%
- Demand Levy to be increased by 8.6%
- All other tariffs to be increased by an average of 8.6%

The budgeted average tariff increases for 2020/21 is 8.6%. The tariff increases for 2021/22 and 2022/23 are purely indicative as no indication has been received from Rand Water as to the increase in the cost of bulk water for the 2021/22 and 2022/23 financial years.

4 MOTIVATION

The following are guidelines motivating the proposed tariff:

- Awareness of water as scarce resource.

Studies indicate that the continued supply of water internationally will continue to be under threat. South Africa is considered a country in which water scarcity is a real threat. The approach to the structure of the proposed tariff is to emphasise

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the importance of water as a scarce resource and create a culture of controlled consumption. High consumers will continue to pay at a higher rate in order to incentivise the saving of water.

- Free Water –

Free water consists of a basic amount of 6 kl (6 000 l) of water per month per household. The impact of free water results in increments on other bands to recover revenue and for water conservation.

- Users of municipal services should be treated equitably in the application of tariffs.
- Deemed consumption charges are currently not uniform across the City. Soweto, for example, is billed on deemed consumption of 20kl per connection per month, whereas Alexandra as well as Orange farm is billed on a deemed consumption of 10kl and 5kl per connection per month respectively.
- An effort has been made to make the domestic water tariff more cost reflective as per the guidelines in the Municipal Systems Act and the Water Services Act.
 - Tariffs are to be cost reflective while taking equity and sustainability into account.
 - The Johannesburg Water tariff which is historically below the cost of bulk water purchases from Rand Water should be brought in line over a period of 3 years up to 2023.
- In terms of the extended social package effective 01/01/2009 the provision of free basic water to registered indigents will be up to 15kl per household, depending on the poverty index.
- The amount individual users pay for services should generally be in proportion to the use of that service.
- For 2020/21 the pre-paid tariff would continue to be based on a rising block tariff structure. The subsidised rising block tariff for ex-deemed consumption areas (introduced in 2003/4) ensure that these customers are now charged proportional to usage following the Soweto Infrastructure Project interventions.

For households benefiting from the Soweto Infrastructure Project in deemed consumption areas and new private developments such as Protea Glen Ext 4; Lehae and Cosmos City, the following apply:

- A subsidised water and sanitation rising block tariff.
- A consumption based tariff for both water and sanitation.

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- Incentive based debt write-off policy.

Customers who have prepayment meters installed, qualify for a progressive monthly write-off effective from the date of meter installation, over a three year period. Defaulting customers in terms of transgression of by-laws will have the debt written off reversed retrospectively with interest.

- For households in informal settlements
 - Free rudimentary Service (LOS 1) service levels
 - Free water tanker services.
 - Free vacuum tanker services
- Tariffs must reflect the cost reasonably associated with rendering the service, including capital, operating, maintenance, administration and replacement costs, and interest charges.
- Tariffs must be set at levels that facilitate the financial sustainability of the service, taking into account subsidisation from sources other than the service concerned.
- The economic, efficient and effective use of resources, the recycling of waste and other appropriate environmental objectives will be encouraged. The metering of previously deemed consumption areas through the Soweto Infrastructure Project, in conjunction with the favourable tariff structure, is an important step towards the objective of the economic, efficient and effective use of resources. The initiative strongly supports demand side management.
- Prior to the roll out of prepaid meters to all areas in the City, the prepaid tariff has to be brought in line with the conventional tariff.
- The Managing Director of Johannesburg Water will have the authority to negotiate with customers who receive a special tariff, due to older arrangements with the City, to bring these special tariffs in line with the regular tariff.

PROPOSED TARIFFS FOR THE 2020/21 to 2022/23 FINANCIAL YEARS

The 2020/21 water and sanitation tariffs listed below reflect the various rate increases proposed above:

Residential Water customers

The effect of the increase per household per consumption level.

Consumption Level	2019/20	2020/21	2021/22	2022/23
6kl	54,60	-	-	-
10kl	93,24	79,96	86,84	94,30
15kl	175,66	181,96	197,61	214,60
20kl	295,62	320,91	348,51	378,48

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Consumption Level	2019/20	2020/21	2021/22	2022/23
30kl	625,10	704,93	765,56	831,39
40kl	990,19	1 134,92	1 232,52	1 338,52
50kl	1 456,38	1 674,80	1 818,84	1 975,26
60kl	1 953,02	2 252,70	2 446,43	2 656,82

Proposed Domestic Water Tariff – Pre-paid Meters

Consumption	2019/20	2020/21	2021/22	2022/23
6kl	-	-	-	-
10kl	83,20	71,35	77,49	84,15
15kl	136,60	167,12	181,49	197,10
20kl	235,90	303,12	329,19	357,50
30kl	551,30	656,65	713,12	774,45
40kl	893,20	1 029,27	1 117,78	1 213,91
50kl	1 342,90	1 518,96	1 649,59	1 791,46
60kl	1 838,90	2 058,90	2 235,96	2 428,26

Proposed Domestic Water Restriction Tariff - Metered Areas

In the event that the Department of Water and Sanitation imposes water restrictions, the Water Restriction Tariff will apply as per Annexure A

Proposed Domestic Water Restriction Tariff - Pre-paid meters

In the event that the Department of Water and Sanitation imposes water restrictions, the Water Restriction Tariff will apply as per Annexure A

Proposed Water tariffs for indigents as part of the Expanded Social Package

Indigent Category	Score on Prevailing COJ Poverty Index	Allocation of additional free water per person per day (litres)	Monthly allocation cap of free water per household in which at least 50% of registered social package recipients qualify for the band in question (Kilo-litres)
Band 1	1-34	25l.	10kl.
Band 2	35-70	35l.	12kl.
Band 3	71-100	50l.	15kl.

Note:

- (a) Band 1 refers to individuals / households within the vulnerability range defined by the approved CoJ Poverty index of the expanded social package policy.

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- (b) Band 2 refers to individuals/ households with some formal income that nonetheless falls below the survival range threshold set by the approved CoJ Poverty index of the expanded social package policy.
- (c) Band 3 refers to individuals/ households with no formal income from either grants or employment, or incomes below the individual survival level as set by CoJ Expanded Social Package policy.

Note: These benefits are applicable to the 2020/21 financial year.

Proposed Institutional Water Tariffs

Consumption	2019/20	2020/21	2021/22	2022/23
100kl	3 214	3 558	3 939	4 360
200kl	6 428	7 116	7 878	8 720
400kl	14 272	16 228	18 452	20 980
600kl	21 408	24 342	27 678	31 470

Proposed Prepaid and Non-prepaid Industrial/Commercial Water Tariffs

Consumption	2019/20	2020/21	2021/22	2022/23
100kl	4 219	4 582	4 976	5 404
200kl	8 438	9 164	9 952	10 808
400kl	17 800	19 332	20 992	22 800
600kl	26 700	28 998	31 488	34 200

Proposed Private Dwelling Domestic Sanitation Tariffs

ERF Size (m ²)	2019/20	2020/21	2021/22	2022/23
	Tariff (R/erf/month)	Tariff (R/erf/ month)	Tariff (R/erf/ month) *	Tariff (R/erf/ month)
Up to and including 300m ²	213,94	232,34	252,32	274,02
Larger than 300m ² to 1000m ²	416,47	452,29	491,18	533,42
Larger than 1000m ² to 2000m ²	630,05	684,23	743,08	806,98
Larger than 2000m ²	907,8	985,87	1 070,66	1 162,73

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Proposed sanitation tariffs for indigents as part of the Expanded Social Package

Indigent Category	Score on Prevailing COJ Poverty Index	Reduction in sewerage tariff charge for applicable indigent band
Band 1	1-34	70%
Band 2	35-70	100%
Band 3	70-100	100%

Note:

- (a) Band 1 refers to individuals / households within the vulnerability range defined by the approved CoJ Poverty index of the expanded social package policy.
- (b) Band 2 refers to individuals/ households with some formal income that nonetheless falls below the survival range threshold set by the approved CoJ Poverty index of the expanded social package policy.
- (c) Band 3 refers to individuals/ households with no formal income from either grants or employment, or incomes below the individual survival level as set by CoJ Expanded Social Package policy.

Note: These benefits are applicable to the 2020/21 financial year.

Proposed Domestic Sanitation Tariffs – Pre-paid Meters

Consumption	2019/20	2020/21	2021/22	2022/23
10kl	89,20	96,90	105,20	114,20
15kl	145,60	158,15	171,70	186,40
20kl	213,70	232,10	252,00	273,60
30kl	415,80	451,60	490,40	532,50
40kl	415,80	451,60	490,40	532,50
50kl	415,80	451,60	490,40	532,50
60kl	1307,80	1420,60	1542,40	1674,50

Water Demand management levy

The demand charge is a fixed charge for each water connection to cover the cost of the base water installation over the lifespan of the meter, irrespective of the consumption. In addition, Rand Water is exceeding their water extraction licence from the Vaal river system and this was also introduced as a reminder to consumers to reduce their water consumption to allow the City to reduce its bulk water requirement and allowing Rand Water to reduce their water extraction license from the Department of Water and Sanitation. Rand Water may introduce large penalties in the future to municipalities when they exceed their water allocation which will then also be built into this charge.

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For domestic properties, a monthly water demand management levy of R27.02 per month will be charged. It will be applicable to the following:

- Residential consumers per dwelling
- Residential prepaid dwelling
- Residential indigent dwelling when using more than free water (e.g. 15kl)
- Multi dwelling per dwelling
- Multi dwelling prepaid per dwelling
- Mixed use per dwelling

For non-domestic customers, a monthly water demand management levy of R238.46 per month per stand will be charged. It will be applicable to the following:

- businesses,
- institutions,
- industrial customers; and
- commercial customers
- mixed use per stand

Note: All the above charges are exclusive of VAT.

Effluent re-use tariff

Effluent re-use will be charged where the off take is from the treatment plant at the cost of the user. Where any infrastructure has to be provided, additional charges will apply on a case by case basis dependant on the cost to Johannesburg Water and the period of the agreement.

Name of Catchment	2020/21 (R/kl)
Integrated Vaal River System (IVRS)	R 5.541
Crocodile West Marico	R 6.40

The Water Treatment Works that dispense effluent to both Integrated Vaal River System and Crocodile West Marico are listed below:

Integrated Vaal River System (IVRS)

- Olifantsvlei works
- Bushkoppies works
- Goudkoppies works
- Ennerdale works

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Crocodile West Marico

- Driefontein works
- Northern works

5 POLICY IMPLICATIONS

The proposed increases are in line with the City of Johannesburg's guiding principles on the determination of tariffs in that tariffs should be equitable and affordable.

6 LEGAL AND CONSTITUTIONAL IMPLICATIONS

This report has been finalized in conjunction with Legal and Compliance to ensure compliance with all relevant Legislation. It should though be kept in mind that by virtue of Section 28 (6) of the Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003), once the new tariffs have been determined in respect of the 2018/19 Financial Year, it may not be further increased during that financial year, except when required in terms of a financial recovery plan as contemplated in the Act. For that reason it is essential to ensure that the proposed increases comply with the budgeted needs of the Council in respect of 2019/20 Financial Year.

7 FINANCIAL IMPLICATIONS

The proposed tariff structure does allow Johannesburg Water to comply with its commitments of financial sustainability and the pursuance of the upgrading and enhancement of the water and sanitation infrastructure and other efficiency initiatives.

8 ECONOMIC IMPLICATIONS

The economic implications of the proposed tariff are to ensure that the increases in the various tariff bands are maintained at reasonable levels, but having regard to the principle of higher increases for the high level consumption customers.

9 COMMUNICATION IMPLICATIONS

The relevant information regarding the amended tariffs will be communicated to all role players in the manner prescribed by law.

10 OTHER DEPARTMENTS/BODIES CONSULTED

The following bodies have been consulted prior to submission of this proposal:

- (1) Environmental, Infrastructure and Services department.
- (2) Legal and Compliance.

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11 KEY PERFORMANCE INDICATOR

The report relates to the Johannesburg Water Revenue key performance indicator.

IT IS RECOMMENDED

- 1 That, in terms of Sections 11(3)(i) and 75A (1) of the Local Government: Municipal Systems Act 2000, (Act 32 of 2000) as amended, read with Section 16(2) of the Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003), the City of Johannesburg declares its intention to amend with effect from 1 July 2020 its Tariff of Charges:**

For:

- (1) Water Services as set out in Annexure "A" and**
- (2) Sewerage and Sanitary Services as set out in**

Annexure "B"

- 2 That, in terms of Sections 17(3) (a) (ii) and 22(a) of the Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003) and Sections 21, 21A (1) and 2 of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) as amended, the City of Johannesburg:**
 - (1) displays the notice and the documents and notice in the manner prescribed;**
 - (2) Seeks to convey to the local community by means of radio broadcasts covering the area of the City, the information contemplated in Section 21A(c) of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) as amended; and**
 - (3) Publishes a notice in the manner prescribed and invites the local community to submit written comments or representations in respect of the City's declared intention to amend or determine Tariffs of Charges.**
- 3 That in terms of Section 22(b) of the Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003) a copy of the notice and documents be sent forthwith to the National and Provincial Treasury; MEC for local government; as well any other organ of state or municipality affected by the budget to solicit their views.**
- 4 That the Executive Director: Finance in conjunction with Director: Legal and Compliance, in consultation with the Council's relevant Departments and all interested parties, report on the comments received in terms of paragraph 2 above with recommendations on the final draft of the Tariffs of Charges for approval.**

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5 That the report be submitted to a relevant Section 79 Committee for comment.

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(tc)

THE NEXT ITEM FOLLOWS THE ANNEXURES TO THIS ITEM

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ANNEXURE A

CITY OF JOHANNESBURG

AMENDMENT OF TARIFF OF CHARGES FOR WATER SERVICES

In terms of:

The Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003) as amended: Sections 17(3)(a)(ii), and 22(a)(i) and (ii) ;
the Local Government Municipal Systems Act, 2000 (Act 32 of 2000) as amended: Sections 21(1) and (3), 21A and 75A(3) and (4) ;, it is hereby notified that the City of Johannesburg has, in terms of Sections 11(3)(i) and 75A(1) and (2) of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) as amended, read with Section 24(2)(c)a(ii) of the Local Government: Municipal Financial Management Act, 2003 (Act 56 of 2003), amended its tariff of charges for Water Services with effect from 1 July 2020. A 2% surcharge is levied on business customers.

1. DEFINITIONS

For the purposes of this tariff of charges the following definitions will apply:

- 1.1. "Dwelling unit" means one or more rooms including kitchen/s designed as a unit for occupancy for purpose of cooking, living and sleeping which includes nearby outbuildings, sheds and granny flats within the curtilage of the property excluding multi dwellings and flats;
- 1.2. "Multi-dwelling" means any arrangement of premises that comprises more than one dwelling unit, including semi-detached houses, simplex units, townhouses and any other arrangement of residential premises;
- 1.3. "Mixed use" means any dwelling, with or without appurtenant outbuildings, and used for more than one purpose (excluding any such units used merely for purposes incidental to such other purposes which constitute the main activities on the premises), where water consumed in all such units is metered by one meter supplied by Johannesburg Water for any quantity of water supplied, the aggregate consumption be divided by the number of dwelling units.
- 1.4. "Service Level 1" shall mean a service delivery option consisting of water supply from communal water points located within 200 metres of each other.
- 1.5. "Service Level 3" shall mean a service delivery option consisting of a metered pressured water connection to each stand or erf that can legally be connected by the developer/owner to the dwelling (or any other point on the property);.

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- 1.6. “ESP” means Expanded Social Package policy;
- 1.7. “Residential purposes” shall be deemed not to include the letting of accommodation units for any category of hotel uses, which shall be deemed to constitute use for commercial purposes;
- 1.8. “Institution” means tertiary educational institutions, public schools, public hospitals, orphanages or other similar premises operated by a registered welfare organisation or old aged homes, sport clubs or premises used for public worship, including halls or other buildings used for religious purposes.
- 1.9. “Pre-paid meter” refers to the meter where you pay for your water before you use it - usually by adding money to a 'key' or smart card, which is then inserted into the **meter**.
- 1.10. “Post-paid meter” Meters not included as pre-paid

2. Residential Consumers

2.1 Conventional meters

2.1.1 Dwelling unit:

The supply of water to any dwelling where such a dwelling unit has its own meter supplied by Johannesburg Water and is used for residential purposes.

- (a) For the first 6 kilolitres: Free;
- (b) In excess of 6 kilolitres up to 10 kilolitres: R19.99 per kilolitre per month.
- (c) In excess of 10 kilolitres up to 15 kilolitres: R20.40 per kilolitre per month.
- (d) In excess of 15 kilolitres up to 20 kilolitres: R27.79 per kilolitre per month.
- (e) In excess of 20 kilolitres up to 30 kilolitres: R38.40 per kilolitre per month.
- (f) In excess of 30 kilolitres up to 40 kilolitres: R43.00 per kilolitre per month.
- (g) In excess of 40 kilolitres up to 50 kilolitres: R53.99 per kilolitre per month.
- (h) In excess of 50 kilolitres: R57.79 per kilolitre per month.
- (i) A water demand management levy of R27.02 per month per unit.

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2.1.2 Multi dwelling units:

The supply of water to multi dwelling where water consumed in all such units are metered by one or a combination of meters supplied by Johannesburg Water, but not individually metered by meters: the combined aggregate consumption be divided by the number of dwelling units:

- (a) For the first 6 kilolitres: Free;
- (b) In excess of 6 kilolitres up to 10 kilolitres: R19.99 per kilolitre per month.
- (c) In excess of 10 kilolitres up to 15 kilolitres: R20.40 per kilolitre per month.
- (d) In excess of 15 kilolitres up to 20 kilolitres: R27.79 per kilolitre per month.
- (e) In excess of 20 kilolitres up to 30 kilolitres: R38.40 per kilolitre per month.
- (f) In excess of 30 kilolitres up to 40 kilolitres: R43.00 per kilolitre per month.
- (g) In excess of 40 kilolitres up to 50 kilolitres: R53.99 per kilolitre per month.
- (h) In excess of 50 kilolitres: R57.79 per kilolitre per month.
- (i) A water demand management levy of R27.02 per month per unit.

2.1.3 Tariffs when there's water restriction – (Dwelling unit and multi dwelling units)

For the supply of water where at least a Water restriction has been declared by the Department of Water and Sanitation.

DOMESTIC WATER RESTRICTIONS									
Band	Normal Tariff	Level 1 15%	Level 2 20%	Level 3 25%	Level 4 30%	Level 5 35%	Level 6 40%	Level 7 45%	Level 8 50%
0-6	-	10,69	10,87	13,34	13,84	17,79	21,74	22,73	24,21
> 6-10	19,99	11,86	13,06	15,21	15,74	20,46	24,13	25,17	27,28
>10-15	20,40	21,31	30,43	35,45	37,41	47,98	53,71	55,49	62,66
>15-20	27,79	34,52	46,89	59,93	61,10	72,44	83,37	88,85	104,21
>20-30	38,40	59,03	68,02	88,74	91,23	125,05	132,39	143,12	146,82
>30-40	43,00	71,37	79,33	110,22	113,00	148,64	166,53	178,61	198,48
>40-50	53,99	96,20	106,32	145,81	151,88	214,66	232,86	253,17	293,92
>50	57,79	107,76	129,44	166,92	188,18	254,62	268,00	296,91	323,89

2.2 Pre-paid meters

2.2.1 Dwelling unit:

The supply of water to any dwelling where such a dwelling unit has a prepaid meter supplied by Johannesburg Water and is used for residential purposes.

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- (a) For the first 6 kilolitres: Free
- (b) In excess of 6 kilolitres up to 10 kilolitres: R17.84 per kilolitre per month.
- (c) In excess of 10 kilolitres up to 15 kilolitres: R19.15 per kilolitre per month.
- (d) In excess of 15 kilolitres up to 20 kilolitres: R27.20 per kilolitre per month.
- (e) In excess of 20 kilolitres up to 30 kilolitres: R35.35 per kilolitre per month.
- (f) In excess of 30 kilolitres up to 40 kilolitres: R37.26 per kilolitre per month.
- (g) In excess of 40 kilolitres up to 50 kilolitres: R48.97 per kilolitre per month.
- (h) In excess of 50 kilolitres: R53.99 per kilolitre per month.
- (i) A water demand management levy of R27.02 per dwelling unit per month.
- (j) An annual allocation for emergencies of 4 kl will be provided free of charge to a consumer in the case where the meter is prepaid.

2.2.2 Multi dwelling units:

The supply of water to multi dwelling where water consumed in all such units are metered by one pre-paid meter supplied by Johannesburg Water, but not individually metered by meters: the combined aggregate consumption be divided by the number of dwelling units:

- (k) For the first 6 kilolitres: Free
- (l) In excess of 6 kilolitres up to 10 kilolitres: R17.84 per kilolitre per month.
- (m) In excess of 10 kilolitres up to 15 kilolitres: R19.15 per kilolitre per month.
- (n) In excess of 15 kilolitres up to 20 kilolitres: R27.20 per kilolitre per month.
- (o) In excess of 20 kilolitres up to 30 kilolitres: R35.35 per kilolitre per month.
- (p) In excess of 30 kilolitres up to 40 kilolitres: R37.26 per kilolitre per month.
- (q) In excess of 40 kilolitres up to 50 kilolitres: R48.97 per kilolitre per month.
- (r) In excess of 50 kilolitres: R53.99 per kilolitre per month.
- (s) A water demand management levy of R27.02 per dwelling unit per month.
- (t) An annual allocation for emergencies of 4 kl will be provided free of charge to a consumer in the case where the meter is prepaid.

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2.2.3 Tariffs when there's water restriction – prepaid areas

For the supply of water to any dwelling where at least a Water restriction has been declared by Johannesburg Water and is used for residential purposes:

PRE-PAID WATER RESTRICTIONS									
Band	Normal Tariff	Level 1 15%	Level 2 20%	Level 3 25%	Level 4 30%	Level 5 35%	Level 6 40%	Level 7 45%	Level 8 50%
0-6	-	10,69	10,87	13,34	13,84	17,79	21,74	22,73	24,21
6-10	17,83	11,10	12,22	14,22	14,72	19,13	22,56	23,55	25,51
>10-15	19,15	14,99	21,42	24,94	26,34	33,77	37,80	39,06	44,10
>15-20	27,20	31,03	42,16	53,87	54,92	65,11	74,95	79,87	93,69
>20-30	35,35	61,38	70,72	92,25	94,86	130,02	137,64	148,80	152,63
>30-40	37,26	72,58	80,68	112,10	114,92	151,17	169,36	181,66	201,85
>40-50	48,97	100,77	111,38	152,76	159,11	224,88	243,93	265,22	307,90
>50	53,99	116,87	140,38	181,04	204,09	276,16	290,66	322,02	351,27

2.3 Deemed consumption areas

2.3.1 Erven within previously disadvantage areas where a flat rate for water consumption was charged and it has not been possible to assess metered water consumption over the past 12 months:

- (a) 5kl per month: Free;
- (b) 10 kl per month: R79.96 per month;
- (c) 20 kl per month: R320.91 per month.

2.4 Informal settlements

Informal dwelling structures on an erf, which is not connected to the water reticulation system of the Council and is supplied by water from a communal water point: Free of charge per month.

2.5 Availability Charges

The following availability charges shall be payable in respect where service are available:

- (a) For vacant residential stands; R358.05 per month per stand
- (b) For unoccupied improved residential stands; R358.05 per month per stand
- (c) For improved occupied residential stands where no water supplied by Council is being consumed for any reason, including, but not restricted to stands using borehole water; R358.05 per month per stand
- (d) Per occupied unmetered residential stands R358.05 per month per stand

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3. Mixed use

4. Non-Residential

4.1 Surcharge

4.1.1 A 2% surcharge is levied on business customers (Institutions, Commercial and Industrial).

4.2 Institutions

4.2.1 Conventional meters and Pre-paid Meters
For the supply of water to institutions:

- (a) For consumption up to 200 kilolitres: R35.68 per kilolitre per month
- (b) For consumption exceeding 200 kilolitres: R40.57 per kilolitre per month.
- (c) A water demand management levy of R238.46 per stand per month.

4.3 Commercial / Industrial

4.3.1 Conventional meters and Pre-paid Meters
For the supply of water through any one meter to premises:

- (a) For consumption up to 200 kilolitres: R45.82 per kilolitre per month.
- (b) For consumption exceeding 200 kilolitres: R48.33 per kilolitre per month.
- (c) A water demand management levy of R238.46 per stand per month.

4.4 Availability Charges

The following availability charges shall be payable in respect where service are available:

- (e) For non-residential vacant stands; R895.14 per month per stand
- (f) For unoccupied improved non-residential stand; R895.14 per month per stand
- (g) For improved occupied non-residential stands where no water supplied by Council is being consumed; R895.14 per month per stand
- (h) Stands belonging to the City of Johannesburg and its Municipal Owned entities that do not consume water will be exempted from the availability charge.

5. INTERIM CHARGES

- (a) For the purpose of assessing any charge where a meter reading could not be obtained, for whatever reason, in an area other than a deemed consumption area, the consumption trend of the customer's interim charges are raised in absence of an actual reading. Where there is no trend available, a township average may be applied.

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- (b) The interim charge shall be reversed when actual meter readings are again obtained and the account adjusted accordingly.
- (c) Interim charges levied are payable and due in the same way as an actual charge.

6. MISCELLANEOUS

- (a) For the supply of water for use outside the area of jurisdiction of the City of Johannesburg (excluding water supplied in bulk to another local authority) such supply to be metered at a point within the boundary of the City of Johannesburg in any one month, the charge payable shall be the prevailing Rand Water bulk supply price plus a surcharge of 25% on the aggregate of such charge.
- (b) In the case of meters registering the supply of water in gallons, the number of kilolitres supplied shall be determined by dividing the number of gallons registered by 220 and rounding off the result, up or down to the nearest 10.
- (c) The Managing Director of Johannesburg Water will have the authority to negotiate with customers who receive a special tariff, due to older arrangements with the City, to bring these special tariffs in line with the regular tariff.

7. CUSTOMER REQUESTS TO CHANGE BILLIING TARIFF

- 7.1 When customers request in writing to change the category billing tariff, it will be confirmed by Managing Director of Johannesburg Water and will only apply from the date of which the request is received by the City and will not be backdated.

8. Charges for connecting supply

8.1 Disconnections and/or reconnections

- (a) For the removal of an unused meter up to and including a 20 mm connection, and consequent disconnecting of supply: R2,640.99
- (b) For the removal of an unused meter larger than 20 mm up to and including a 40 mm connection, and consequent disconnecting of supply: R14,322.17
- (c) For the removal of an unused meter larger than 40 mm up to and including a 100 mm connection, and consequent disconnecting of supply: R26,257.31
- (d) For the removal of an unused meter larger than 100 mm connection, and consequent disconnecting of supply: R38,192.45

8.2 For the re-connection of supply which has been cut off.

- (a) Flow restrictions: R2,057.77
- (b) Cut-off, Level 2- Disconnection and re-connection at the water meter: R4,120.92
- (c) Cut-off, Level 3- Disconnection and reconnection at the water mains supply: R8,303.32

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- (d) Disconnection and re-connection of supply for an incidence of bypassing of the service installation and/or meter:
R15,515.68 for up to a 20mm connection and R35,805.42 for a connection larger than 20mm.
- (e) Disconnection and re-connection of supply for an incidence of vandalism/tampering of the service installation and/or meter: R15,515.68 for up to a 20mm connection and R35,805.42 for a connection larger than 20mm. In the event of stands with multiple households or business premises, the charge will be multiplied by the number of households/business premises per stand even if there is a single bulk meter.

9. New Connections

- (a) For providing and installing a 20 mm connection with a meter:
 - i. Service Level 1 water connection: Free
 - ii. New complete connection: R10,939.28
 - iii. New meter only: R3,742.65
- (b) For providing and installing a 25 mm connection with a meter: R 26,581.24
- (c) For providing and installing a 40 mm connection with a meter: R 35,712.90
- (d) For providing and installing a 50 mm connection with a meter: R 45,674.68
- (e) For providing and installing a 80 mm connection with a meter: R 71,418.90
- (f) For providing and installing a 100 mm connection with a meter: R 73,913.97
- (g) For providing and installing a 150 mm connection with a meter: R 88,021.93
- (h) In the event of an unmetered illegal connection not installed by Johannesburg Water or with a letter from Johannesburg Water authorising the installation by a developer or their agent, a fine, over and above the charges in 7.2 (B) (a) to (g) above, which will be equal to two (2) times the applicable new connection tariff above, per connection and multiplied by the number of households on the stand.

10. Fire Service Connections

- (a) For providing and installing a 25 mm fire service connection without a meter: R 24,239.42
- (b) For providing and installing a 40 mm fire service connection without a meter: R 26,581.69
- (c) For providing and installing a 50 mm fire service connection without a meter: R 27,405.34
- (d) For providing and installing a 80 mm fire service connection without a meter: R 41,522.80
- (e) For providing and installing a 100 mm fire service connection without a meter: R 48,172.32
- (f) For providing and installing a 150 mm fire service connection without a meter: R 58,961.61

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11. Special charges in connection with meters supplied by Johannesburg Water:

11.1 For special reading of a meter at the request of a consumer (excluding new consumers) provided that only a single charge be levied under this item for the simultaneous reading of water and electricity meters for a single consumer: R 596.76;

11.2 For installing a meter after the removal thereof; R 3,742.65

11.3 For testing a water meter owned by Johannesburg Water at the request of the consumer, if it is found that the meter does not show an error of more than the prescribed tolerance:

(a) Meters for pipes with a diameter measuring up to and including 25 mm, for each meter: R 4,116.91

(b) Meters for pipes with a diameter measuring more than 25 mm, for each meter: R 8,233.81

11.4 Rules applicable to clause 11.3

(a) The method and results of a test carried out by Johannesburg Water in terms of sub items 11.3, shall be accepted by the consumer as conclusive.

(b) The consumer shall be entitled, on giving Johannesburg Water (SOC) Ltd reasonable notice of his intention, to be present at the testing of any meter in which he is interested.

(c) Johannesburg Water shall retain every water meter for 3 months after it has been tested in order to make any further check or adjustment which may be necessary.

(d) When a meter fails the test, the meter testing fees will be refunded.

(e) When the meter fails the test, meter reading and billing will be adjusted using the by-law calculations to raise/reverse charges for the period affected.

11.5 For testing a meter owned by the consumer the charge shall be as follows:

(a) Meters for pipes with a diameter measuring up to and including 25mm, for each meter: R 4,774.06

(b) Meters for pipes with a diameter measuring more than 25 mm, for each meter: R 8,951.36

11.6 For the hire of a movable meter:

(a) Nominal diameter 20 mm, per month: R 1,450.89

(b) Nominal diameter 56 mm, per month: R 1,905.89

11.7 Deposit payable for a movable meter:

(a) Nominal diameter 20 mm: R 14,537.49

(b) Nominal diameter 56 mm: R 53,722.40

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11.8 If a water meter remains unused for more than three months Johannesburg Water shall be entitled to remove it free of cost to the consumer and shall replace it when it is again required; the replacement shall be at the consumer's expense (refer section 6.2).

11.9 For the purpose of rule 8, a meter shall be deemed to have been unused during any period between readings if less than 4 kilolitres passed through it.

11.10 Charges applicable to the moving of water meter outside the boundary of a property at the consumer's request:

- (a) For the moving of a Meter size 20, 25 and 40mm which can be moved as a unit. R 12,992.99 per meter;
- (b) For the moving of a Meter size 50 and 80mm R 16,155.96 per meter;
- (c) For the moving of a meter size 100 and 150mm for which a chamber needs to be built. R 20,583.98 per meter

11.11 Temporary interruption

- (a) For the temporary interruption of a consumer's water supply at his request and the subsequent reconnection thereof, for including the time taken for travelling, whether one or more trips to the erf are necessary: R 2,486.83;
- (b) In the case where a consumer fits an internal stopcock which will allow the consumer to perform the interruption without the assistance of Johannesburg Water in future: free of charge

11.12 Charge for issuing of notice:

- (a) For the issuing of a notice in respect of arrear amounts on one or more services: R 448.78

12. EFFLUENT RE-USE TARIFF

12.1 Effluent re-use will be charged where the off take is from the treatment plant at the cost of the user. Where any infrastructure has to be provided, additional charges will apply on a case by case basis dependant on the cost to Johannesburg Water and the period of the agreement.

Name of Catchment	2020/21(R/kl)
Integrated Vaal River System (IVRS)	R 5.541
Crocodile West Marico	R 6.40

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12.2 The Water Treatment Works that dispense effluent to both Integrated Vaal River System and Crocodile West Marico are listed below:

(a) Integrated Vaal River System (IVRS)

- Olifantsvlei works
- Bushkoppies works
- Goudkoppies works
- Ennerdale works

(b) Crocodile West Marico

- Driefontein works
- Northern works

13. Expanded Social Package

13.1 Residential Indigent Consumers Post-paid meters

13.1.1 For the supply of water to any dwelling unit where such a dwelling unit has its own meter supplied by Johannesburg Water and is used for residential purposes by a consumer that is registered indigent in terms of the Council's Expanded Social Package policy:

Indigent Category	Score on Prevailing COJ Poverty Index	Allocation of additional free water per person per day (litres)	Monthly allocation cap of free water per household in which at least 50% of registered social package recipients qualify for the band in question (Kilo-litres)
Band 1	1-34	25l.	10kl.
Band 2	35-70	35l.	12kl.
Band 3	71-100	50l.	15kl

Note :

- a. Band 1 refers to individuals / households within a vulnerability range defined by the approved CoJ Poverty index of the ESP policy.
- b. Band 2 refers to individuals/ households with some formal income that nonetheless falls below the survival range threshold set by the approved CoJ Poverty index of the ESP policy.
- c. Band 3 refers to individuals/ households with no formal income from either grants or employment, or incomes below the individual survival level as set by CoJ Expanded Social Package policy.

13.2 Residential Indigent Consumers Pre-paid meters

13.2.1 Where a residential pre-paid meter has been installed for the supply of water, where such water is consumed by a consumer that is declared indigent in terms of the Council's Expanded Social Package policy resolution, the proposed tariff will be as follows:

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Indigent Category	Score on Prevailing COJ Poverty Index	Allocation of additional free water per person per day (litres)	Monthly allocation cap of free water per household in which at least 50% of registered social package recipients qualify for the band in question (Kilo-litres)
Band 1	1-34	25l.	10kl.
Band 2	35-70	35l.	12kl.
Band 3	71-100	50l.	15kl

Note :

- (a) Band 1 refers to individuals / households within a vulnerability range defined by the approved CoJ Poverty index of the ESP policy.
- (b) Band 2 refers to individuals/ households with some formal income that nonetheless falls below the survival range threshold set by the approved CoJ Poverty index of the ESP policy.
- (c) Band 3 refers to individuals/ households with no formal income from either grants or employment, or incomes below the individual survival level as set by CoJ Expanded Social Package policy.

13.3 Deemed consumption areas: Indigent customers

- 13.3.1 Erven within previously disadvantaged areas where a flat rate was charged and it has not been possible to assess metered water consumption over the past 12 months and the consumer is declared indigent in terms Expanded Social Package Policy of Council:
- (a) 5kl per month: Free of charge;
 - (b) 10 kl per month: Free of charge;
 - (c) 20 kl per month: R130.27 per month

14. Illegal connections

- 14.1 Upon investigations and conformation of illegal connection, to account for Water losses during construction and post construction JW will raise the following charges;
- (a) 1kl will be charged for every SQM constructed via an unmetered connection or illegal connection plus a new meter connection fee.
 - (b) Tariff used will be as per land use.
 - (c) In the incident where construction took place without a metered connection and occupation has already taken place JW will charge as per point 1.
- 14.2 In an incidence where unauthorised water is consumed from an unmetered fire hydrant JW will raise the following charges;
- (a) A penalty fee of R50 000.00 will be charged for incidence of unauthorised fire hydrant usage.

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- (b) In a case where the Unauthorised Usage of Fire Hydrant is committed by a potable water truck, the capacity of that particular truck will be used to calculate water lost and a charge of R500 per KL will be used to raise water losses charges.
- (c) The owner or User of the truck used will be liable for the charges.

15. VALUE ADDED TAX

All the above charges are **exclusive** of VAT.

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ANNEXURE "B"

CITY OF JOHANNESBURG

AMENDMENT OF TARIFF OF CHARGES FOR SEWERAGE & SANITARY SERVICES

In terms of the Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003) as amended: sections 17(3)(a)(ii) and 22(a) of ; of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) as amended: sections 21(1) and (3), 21A and 75A(3) and (4) of , it is hereby notified that the City of Johannesburg has, in terms of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) as amended: Sections 11(3)(i) and 75A(1) and (2), read with the Local Government: Municipal Financial Management Act, 2003 (Act 56 of 2003) as amended: section 24(2)(c)(ii) of, amended its Tariff of Charges for Sewerage and Sanitary Services with effect from 1 July 2020. A 2% surcharge is levied on business tariffs.

The following tariffs shall be effective from 1 July 2020:

1. DEFINITIONS

For the purposes of this Tariff of Charges the following definitions will apply:

- 1.1. "Dwelling unit" means one or more rooms including a kitchen/s designed as a unit for occupancy for the purpose of cooking, living and sleeping which includes nearby outbuildings, sheds and granny flats within the curtilage of the property excluding multi dwellings and flats ;
- 1.2. "Multi-dwelling" means any arrangement of premises that comprises more than one dwelling unit including semi-detached houses, simplex units, townhouses and any other arrangement of residential premises excluding a block of flats;
- 1.2. "Flat" means a dwelling unit set aside on a single erf which building comprises more than one dwelling unit; and where the rates valuation does not exceed R700,000.00
- 1.3. "Mixed use" Any premises comprised of two or more dwelling units, with or without appurtenant outbuildings, and any unit for other purposes (excluding any such premises if such units are used merely for purposes incidental to such other purposes which constitute the main activities on the premises)
- 1.4. "Hostel" means collective accommodation for Local Authority and Provincial Government workers which accommodation may be single rooms or dormitories, with shared facilities such as kitchens and bathrooms;
- 1.5. "Service Level 1" shall mean a service delivery option consisting of a ventilated improved pit latrine or equivalent dry sanitation system located on each. No water and sewer connections are provided to each individual property, and no waterborne sewer system is available.

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- 1.6. "Service Level 2" shall mean a service delivery option consisting of a pour-flush waterborne sewer connection to each erf which must not be directly connected to the water installation.
- 1.7. "Service Level 3" shall mean a service delivery option consisting of a conventional waterborne sewer network with individual sewer connections to each erf.
- 1.8. "Institution" means tertiary educational institutions, public schools, public hospitals, orphanages or other similar premises operated by a registered welfare organisation or old aged homes, sport clubs or premises used for public worship, including halls or other buildings used for religious purposes.

2. Residential Charges

2.1 Dwelling on a single erf, per erf- R/month

The following charges shall be payable in respect of land having a drainage installation thereon which is connected to Johannesburg Water's sewer network:

(a)	Up to and including 300 m ²	R 232.34
(b)	From 301 m ² to 1 000 m ²	R 452.29
(c)	From 1 001 m ² to 2 000 m ²	R 684.23
(d)	Larger than 2 000 m ²	R 985.87

2.2 Blocks of Flats

- (a) Where information to the satisfaction of the Managing Director: Johannesburg Water, or his duly authorised representative, has been furnished as to the number of flats on premises: R 232.34 per unit per month.
- (b) Where information to the satisfaction of the Managing Director: Johannesburg Water, or his duly authorised representative, has not been furnished as to the number of flat units in a complex: For each kilolitre or part thereof of the metered or estimated water consumption: R27.24/kl."

2.3 Multiple dwellings

- (a) Where two or more dwelling units have been erected on a single erf, an erf size shall be determined in respect of each dwelling house erected on such property, by dividing the area of the erf by the number of dwelling units erected thereon. The charge shall then be levied in respect of each such dwelling house in accordance with the provisions of section 2.1 above, provided that the minimum charge shall be: R 452.29 per unit per month.
- (b) Where information to the satisfaction of the Managing Director: Johannesburg Water, or his duly authorised representative, has not been furnished as to the number of dwelling units on a complex: For each kilolitre or part of the metered or estimated water consumption: R34.25/kl.

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2.4 Informal Settlements

- (a) Informal dwelling structures used for human habitation in respect of which no building plan has been lawfully approved by any competent authority and the dwelling on the erf is not individually connected to Johannesburg Water's water reticulation system: Free of charge.

2.5 Residential pre-paid meter

2.5.1 Where residential pre-paid meter has been installed for the supply of water to a dwelling, block of flats and multi-dwellings where such service is provided in respect of land having a drainage installation thereon which is connected to Johannesburg Water's sewer:

- (a) For the first 10 kilolitres: R8.92 per kilolitre per month.
- (b) In excess of 10 kilolitres up to 15 kilolitres: R11.28 per kilolitre per month.
- (c) In excess of 15 kilolitres up to 20 kilolitres: R13.62 per kilolitre per month.
- (d) In excess of 20 kilolitres up to 30 kilolitres: R20.21 per kilolitre per month.
- (e) In excess of 30 kilolitres up to 40 kilolitres: R20.21 per kilolitre per month.
- (f) In excess of 40 kilolitres up to 60 kilolitres: R20.21 per kilolitre per month.
- (g) In excess of 60 kilolitres: R20.21 per kilolitre per month.

2.6 Availability Charges

2.6.1 The following availability charges shall be payable in respect of:

- (a) For vacant residential stands; R 234.39per month per stand
- (b) For unoccupied improved residential stands; R 234.39per month per stand
- (c) For improved occupied residential stands where no water supplied by Council is being consumed for any reason; R 234.39per month per stand
- (d) For occupied unmetered residential stands; R 234.39per month per stand

3. Mixed used

3.1 Where water consumed in all such units is metered by one meter supplied by Johannesburg Water, for any quantity of water supplied to the premises, for each kilolitre or part thereof of the metered or estimated water consumption: R 34.25/kl.

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4. Non Residential

4.1 Surcharge

4.1.1 A 2% surcharge is levied on business customers (Institutions, Commercial and Industrial).

4.2 Institutional Buildings

(a) For the provision of sewerage service to Institutional Buildings will be charged at R27.24/kl.

4.3 Industrial / Commercial Pre-paid

(a) For each kilolitre or part thereof of the metered or estimated water consumption: R 34.25/kl

4.4 Other classes of property

(a) All classes of property other than those specified in clauses 2.1 to 2.9 above: For each kilolitre or part thereof of the metered or estimated water consumption: R 34.25/kl.

4.5 Availability Charges

4.5.1 The following availability charges shall be payable in respect of:

- (a) For non-residential vacant stands; R 691.02 per month per stand
- (b) For unoccupied improved non-residential stand; R 691.02 per month per stand
- (c) For improved occupied non-residential stands where no water supplied by Council is being consumed; R 691.02 per month per stand
- (d) Stands belonging to the City of Johannesburg and its Municipal Owned entities that do not consume sewer and sanitation services will be exempted from the availability charge.

5. CUSTOMER REQUESTS TO CHANGE BILLING CATEGORY

- (a) When customers request in writing to change the category billing tariff, it will be confirmed by Managing Director of Johannesburg Water and will only apply from the date of which the request is received by the City and will not be backdated.
- (b) The Managing Director of Johannesburg Water will have the authority to negotiate with customers who receive a special tariff, due to older arrangements with the City, to bring these special tariffs in line with the regular tariff.

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6. NIGHT SOIL AND VACUUM TANKER SERVICES

6.1 The following charges shall be payable for night soil and vacuum tanker services:

- (a) For the removal of sewage by vacuum tanker outside a sewer reticulated area, per kilolitre or part thereof: R291.88/kl.
- (b) Discharge of contents of tankers used to evacuate portable toilets to works: per kilolitre or part thereof R 489.47/kl.
- (c) Discharge of contents of tankers used to evacuate portable toilets to works, and where such tankers are hired on contract by Johannesburg Water: Free of charge.

7. CHARGES FOR INDUSTRIAL EFFLUENT

7.1 The charge shall be calculated in accordance with the following formulae:

The sum of:

$$A: \quad C + \frac{T \cdot (\text{COD})}{700} \text{ cent/kilolitre,}$$

Subject to a minimum charge of R 34.25/kl;
and:

- B: (i) $T \cdot (\text{As} - 2,5)$ cent/kilolitre, where As is greater than 2,5 mg/l; 2,5
- and (ii) $T \cdot (\text{Cd} - 2,5)$ cent/kilolitre, where Cd is greater than 2,5 mg/l; 2,5
- and (iii) $T \cdot (\text{Co} - 20)$ cent/kilolitre, where Co is greater than 20 mg/l; 20
- and (iv) $T \cdot (\text{Cr} - 20)$ cent/kilolitre, where Cr is greater than 20 mg/l; 20
- and (v) $T \cdot (\text{Cu} - 20)$ cent/kilolitre, where Cu is greater than 20 mg/l; 20
- and (vi) $T \cdot (\text{Hg} - 1)$ cent/kilolitre, where Hg is greater than 1 mg/l; 1
- and (vii) $T \cdot (\text{Mo} - 5)$ cent/kilolitre, where Mo is greater than 5 mg/l; 5
- and (viii) $T \cdot (\text{Ni} - 10)$ cent/kilolitre, where Ni is greater than 10 mg/l; 10
- and (ix) $T \cdot (\text{Pb} - 10)$ cent/kilolitre, where Pb is greater than 10 mg/l; 10
- and (x) $T \cdot (\text{Se} - 2,5)$ cent/kilolitre, where Se is greater than 2,5 mg/l; 2,5
- and (xi) $T \cdot (\text{Zn} - 20)$ cent/kilolitre, where Zn is greater than 20 mg/l; 20
- and (xii) $C \cdot (7 - \text{pH})$ cent/kilolitre, where pH is less and 4 units

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and (xiii) (C+T).(FOG-200)cent/kilolitre, where FOG is greater than 200mg/l;
200

Where C = R 969.24 and T = R 1 056.99

Where the COD is Chemical Oxygen Demand:

and As = Total Arsenic;
Cd = Total Cadmium;
Co = Total Cobalt;
Cr = Total Chromium;
Cu = Total Copper;
Hg = Total Mercury
Mo = Total Molybdenum
Ni = Total Nickel;
Pb = Total Lead;
Se = Total Selenium;
Zn = Total Zinc.
pH = $-\log [H_3O^+]$
FOG = Total fat, oil and grease

As determined by the analytical methods used by the CYDNA Scientific Services Laboratory of Johannesburg Water (SOC) Ltd.

It is important that the sewer system is protected against acidic effluents and the charge for pH is therefore punitive. Similarly, metals are detrimental to the environment and the metal charge is also punitive. In addition, the discharge of excessive quantities of fat, oil and grease (FOG) into the sewer system causes blockages which is a public nuisance, a health risk and impedes the proper operation of the City's Waste Water Treatment Works. Hence the FOG charge is also punitive. Therefore, in cases where the Water Services By-laws are violated, pH will be assessed on the lowest and metals and FOG on peak values recorded during a six monthly period, irrespective of whether the industrial effluent volume discharged during that period is less than the value stipulated in clause 4.2 below.

7.2 In the case of any trade or industry in respect of which the average monthly volume of trade or industrial effluent generated during the previous half-year period was less than 100 kilolitres, the charge shall be: R 34.25 per kilolitre except where punitive charges are applied.

7.3 In respect of domestic effluent discharged from the premises of any trade or industry for which a charge was levied in terms of clause C (1) above, the charge shall be: R 34.25 per kilolitre.

In the absence of direct measurement, the domestic effluent will be estimated as follows:

- (a) 1,0 kilolitre per full-time staff member per month.
- (b) 4,0 kilolitre per resident per month {not included in (i) above}.
- (c) For staff canteens: 0,15 kl per meal served per month.

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(d) The working month will be based on a 5-day working week. In cases where the working week deviates from 5 days, a pro rata adjustment will be made).

7.4 Where the average monthly volume of trade or industrial effluent generated during the previous half-year period was more than 50 kilolitres, rebates under A above to be granted under conditions specified by the Council as follows–

- (a) 10% if discharge occurs at specified times only;
- (b) 15% if flow is balanced and discharged evenly over seven days at specified times only;
- (c) 20% if effluent contains readily bio-degradable carbon beneficial to the Council's treatment processes; and
- (d) 50% maximum if (c) occurs with (a) and (b).

7.5 For the disposal of organic industrial wastes delivered by tanker to the wastewater treatment works: R20.13 per kilogram of COD.

8. CHARGES FOR GARBAGE GRINDERS:

8.1 For each rated 0.75kW or part thereof of the drive motor of each grinder:
R 717.53 per month.

9. SUNDRY CHARGES

9.1 Charges for work carried out by Johannesburg Water (SOC) Ltd:

(a) Re-inspection fee, per inspection	R 4,249.85
(b) Sealing opening, per connection	R 6,567.54
(c) Re-opening sealed connections and re-Connecting drainage installation to the Sewer, per connection	R 6,567.54
(d) Alterations to gullies, per gully	R 3,374.88

10. DAMAGES TO MUNICIPAL WATER PIPE SYSTEM AND OR WATER INSTALLATIONS TARIFFS:

10.1 Any damages to the municipal water system and or installation: Actual costs of repairs plus cost of water lost. The cost of water lost will be charged as indicated below:

- a. Pipe with a diameter of 50mm or less R12,534.36
- b. Pipe with a diameter larger than 50mm but less than or equal to 100mm R25,070.40.
- c. Pipe with a diameter larger than 100mm but less than or equal to 250mm R37,607.58
- d. Pipes with diameters larger than 250mm but less than or equal to 400mm

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- R50,140.76
- e. Pipes with diameters larger than 400mm but less than or equal to 700mm
R100,281.54
 - f. Pipes with diameters larger than 700mm R 137,884.62

10.2 The above tariffs will be levied per incident reported:

- (a) The reporting should be done as soon as the incident is known to both City of Johannesburg Call Centre wherein the reference number will be given and a Water Service Regional Manager or a Customer Care Manager. It is up to the person working within City of Johannesburg to obtain the necessary contact details.
- (b) If the incident was not reported but was found by the City/Johannesburg Water a surcharge of 10% will be applied.
- (c) For a repeated offender in a project or area, within a 12 month period, a surcharge will be levied as follows:
 - i. For a second transgression 5% will be levied above the tariff as determine previously based on the size of water pipe inclusive of water losses and cost or repairs.
 - ii. Third transgression 10% surcharge to be levied.
 - iii. Fourth transgression 15% surcharge to be levied.
 - iv. Fifth transgression 25% surcharge to be levied.
 - v. For any transgression above five, 50% surcharge will be levied,
 - 1. In this circumstance Johannesburg Water/ City of Johannesburg reserves the right to review contractual relationship if the transgressor is the service provider.
 - 2. If the transgressor is not contractual bound to Johannesburg Water/City of Johannesburg, the municipality reserves the right to request the transgressor to cease operations within 24 hours.

11. Rebates/ Expanded Social Package

11.1 Rebates

A person qualifying for a rebate on Assessment Rates in terms of Section 15 of the Local Government Municipal Property Rates Act 6 of 2000 as amended, will be entitled to be charged for domestic sewage at the charge applicable to an erf to 300 m². (R 234.05 per month).

11.2 Residential Indigent Consumers

11.2.1 A reduction in tariff will be given to a consumer who is having a drainage installation, connected to Johannesburg Water's sewer network and who is declared indigent in terms of the Council's Expanded Social Package policy resolution:

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Indigent Category	Score on Prevailing COJ Poverty Index	Reduction in Sewerage tariff
Band 1	1-34	70%
Band 2	35-70	100%
Band 3	70-100	100%

Note :

- a. Band 1 refers to individuals / households within a vulnerability range defined by the approved CoJ Poverty index of the ESP policy.
- b. Band 2 refers to individuals / households with some formal income that nonetheless falls below the survival range threshold set by the approved CoJ Poverty index of the ESP policy.
- c. Band 3 refers to individuals/ households with no formal income from either grants or employment, or incomes below the individual survival level as set by CoJ Expanded Social Package policy.

12. VALUE ADDED TAX

All the above charges are **exclusive** of VAT.