



## SCHEDULE "H"

### EKURHULENI METROPOLITAN MUNICIPALITY

#### TARIFFS: SEWERAGE DISPOSAL SERVICES AND INCIDENTAL CHARGES

In terms of the relevant legislation the Ekurhuleni Metropolitan Municipality at a meeting held on 30 May 2002, resolved to approve its Tariffs for Waste Water with effect from 1 July 2002, which tariffs were further amended by Ekurhuleni Metropolitan Municipality at a meeting held on 29 May 2008 with effect from **1 July 2008** as follows:

#### SEWERAGE DISPOSAL SERVICES AND INCIDENTAL CHARGES

**Start date: 01 JULY 2008**  
**End date: 30 JUNE 2009**

**VAT NOT INCLUDED**  
**MAINTENANCE LEVY OF 2% INCLUDED**

The amounts due for water services for the 2008-2009 financial year BE PAID on dates as indicated on accounts which will be rendered from 1 July 2008.

- The Tariffs as listed include a 2% "ring-fenced" maintenance levy to be used for critical Sewage Disposal Services maintenance only.
- The Sewerage Charges will be linked to the account where the water connection is billed

1. ALL TARIFFS LISTED BELOW, OR TO BE CALCULATED IN TERMS OF THIS SCHEDULE OF TARIFFS **EXCLUDE VAT.**

#### 2. WASTE WATER AND INDUSTRIAL EFFLUENT TARIFFS

Charges shall be levied in respect of each discharge point for sewage (as defined in the Waste Water By-laws of the Council) whether such discharge point is a drain or the Council's sewage disposal system. It is further noted that the tariffs effective to consumption as from 01 July 2008 and accounts as from those generated in July 2008 on a pro rata basis where applicable, will be levied.

#### 3. DOMESTIC EFFLUENT TARIFFS —

All references in item 3 hereof to volumes expressed in kilolitres shall mean the volume of water supplied by the Council to the relevant premises during the period for which the relevant municipal account is compiled.

All tariffs listed in items 3.1, 3.5, 3.6 as well as, 3.9, 3.10, 3.11 if not excluded in terms of the agreement, shall be applied accumulatively.

3.1 Household use:

(Tariff Code XX)

Except where the tariffs listed in items 3.3 and 3.4.1 below are applicable, the tariffs listed in this item shall be payable where water, used solely for household purposes, has been supplied. Properties zoned “Z.A.R”, “general residential “or “residential 1,2,3,4 or 5 (residential 5 - for residential purposes only)” in terms of a town-planning scheme and which are used exclusively for that purpose, including Council owned properties, shall be applicable. In the case of hostels and old age homes, every 4 beds shall be deemed to be a residential unit. Any premises zoned “Residential 1” and which is used exclusively for residential purposes, is regarded as one residential unit.

- This tariff is only applicable to properties zoned and used as detailed in 3.1 above.
- In the event that a small business is conducted as a primary right in terms of a Town Planning Scheme or home enterprise in terms of the Council’s policy from a property zoned Residential as detailed above, and the connection size is either a 15mm or 20mm connection, the tariffs in the table below shall apply. However, any connection which is greater than 20mm and the property is not exclusively used for residential purposes, shall be charged in terms of the tariffs as detailed in 3.6 below. Spaza Shops, defined as an area of a dwelling unit and or associated immovable outbuilding not more than 20m<sup>2</sup> in extent, used by the occupant of such a dwelling unit for the purposes of selling basic household goods, is also included in this tariff, provided the connection size is either a 15mm or 20mm connection.
- That an additional 3 kl free basic consumption be granted to all registered indigent account holders subject to the following conditions:
- The additional 3 kl free basic consumption is only applicable to registered indigents, as defined in the Indigent Policy, where the registered indigent is:
  - The owner of the property
  - The occupant of the property concerned
  - Has no other independent occupants on the property concerned

<b>Tariff Summary</b>	<b>Tariff R/kl</b>
Number of residential units x (0 - 6 kl / month)	<b>0,00</b>
Number of residential units x (7 - 15 kl / month)	<b>4,10</b>
Number of residential units x (16 - 30 kl / month)	<b>1,70</b>
Number of residential units x (31 - 45 kl / month)	<b>1,55</b>
Number of residential units x (46 - 60 kl / month)	<b>1,50</b>
Number of residential units x (61 or more kl/month)	<b>0,55</b>

In the case of hostels and old age homes, every 4 beds shall be deemed to be a residential unit. Any premises zoned “Residential 1” and which is used exclusively for residential purposes, is regarded as one residential unit.

3.2 Institutional Use: Tariff Code SE 0009)

(State-assisted public schools or colleges, public hospitals, churches and welfare organisations having, been registered by the National Department of Social Development or its predecessors)

The tariff payable in terms of this item is as follows:

<b>Tariff Summary</b>	<b>Tariff R/kl</b>
Fixed Rate	<b>4,30</b>

3.3 Informal Settlements: (Tariff Code SE 0008)

Tariff Summary	Tariff R/kl
This item is applicable in cases where stands and/or dwelling units are supplied with water by means of a standpipe (no stand connection available)	0,00

3.4 Tariffs payable in respect of unmetered and/or unread water connections where the Water Supply By-laws of the Council do not provide an alternative method for calculating consumption: -

3.4.1 Household use: (Tariff Code SE0018)

The applicable tariff listed below, and not the tariff listed in item 3.1, is payable where a sewage disposal system used solely for household purposes is supplied but there is no relevant water meter reading available for the relevant month, irrespective of whether or not a meter has been fitted: -

Tariff Summary	Tariff
Fixed rate per month (estimated consumption less than or equal to 15 kl / month)	R37,00
Fixed rate per month (estimated consumption exceeding 15 kl / month, but less than or equal to 30 kl / month)	R69,00
Fixed rate per month (estimated consumption exceeding 30 kl / month)	R135,00

3.4.2 Institutional Use as listed in item 3.2: (Tariff Code SE0021)

The tariff specified below, and not the tariff specified in item 3.2, is payable where a sewage disposal system is supplied but there is no relevant water meter reading for the relevant month, irrespective of whether or not a meter has been fitted.

Tariff Summary	Tariff
Fixed rate	R161,00

3.4.3 Uses not included in items 3.1, 3.2, 3.3, 3.4.1, 3.4.2 and 3.5:

The tariff specified below, and not the tariffs listed in item 3.6, is payable where a sewage disposal system is supplied but there is no relevant water meter reading for the relevant month, irrespective of whether or not a meter has been fitted. (Tariff Code SE 0022)

Tariff Summary	Tariff
Fixed rate per month	R591,00

3.5 Flow Restriction

3.5.1 Properties zoned and used exclusively for residential purposes as defined in 3.1. For as long as the restriction implemented by the Executive Director: Infrastructure Services or his nominee in respect of the supply of water to the premises is applicable and the volume of water supplied to

the premises does not exceed the appropriate under mentioned limit set in terms of such restriction and a sewage disposal system is supplied to the relevant premises, the relevant tariff listed below shall be payable.  
(Tariff Code SE 0023)

Limit	Tariff R/kl
A maximum of 6 kl / month	<b>0,00</b>
Between 7 kl to 15 kl / month	<b>R3,00</b>
More than 16 kl / month	<b>Total Consumption as in item 3.1</b>

- 3.5.2 Registered Indigent Account Holders as defined in the Indigent Policy: If so requested by a registered indigent account holder, or deemed necessary by the Executive Director Infrastructure Services, a flow restrictor can be installed on the premises, subject to such Indigent being:
- Registered in terms of the Indigent Policy,
  - Is the owner of the property,
  - Is the occupant of the property concerned and has no other independent occupants on the property concerned.

The registered indigent will receive the allocated 9 kl free basic water per month on a daily pro rata basis where after the tariff in 3.5.1 will be applicable.

- 3.6 The tariffs listed in this item are payable in respect of all zonings and uses not listed in items 3.1, 3.2, 3.3, 3.4.1, 3.4.2, 3.5 and 7.

These tariffs apply to e.g. the following uses: business, commercial, industrial, government, mining, private schools, crèches, sport clubs, private hostels, clinics. This includes council owned properties, where the usage is not defined as in paragraphs 3.1, 3.2 or 3.3.

(Tariff Code SE0011)

Tariff Summary	Tariff R/kl
0 - 200 kl / month	<b>4,45</b>
201 - 1 000 kl / month	<b>3,50</b>
1 001- 2 500 kl/ month	<b>2,05</b>
2 501 - 5 000 kl / month	<b>1,00</b>
5 001 – 25 000 kl / month	<b>0,90</b>
25 001 - 50 000 kl / month	<b>0,85</b>
50 001 or more kl / month	<b>0,45</b>

In respect of each sewer connection provided to the premises on which a use intended in this item is being exercised, the relevant tariffs listed in this item shall be levied accumulatively.

- 3.7 High Water Meter Readings

In case of exceptionally high meter readings of water consumption, due to bona fide leaks from a private internal water pipeline, the Executive Director Infrastructure Services, may determine that the following effluent tariff shall be levied as follows on the excess consumption for a maximum period of three months, the commencement date of such period to be determined in the entire discretion of the said Executive Director: -

<b>Tariff Summary</b>	<b>Tariff R</b>
Fixed Rate	<b>1,85</b>

### 3.8 Basic Charges

Any premises where the Council does not supply a wastewater service, but where the premises can connect to the Council's wastewater reticulation system, including vacant stands which can connect or are connected to the wastewater reticulation, but where there is no consumption registered on the water meter:

#### 3.8.1 Residential / Domestic Uses:

(Tariff Code SE0025)

<b>Tariff Summary</b>	<b>Tariff R</b>
Fixed Rate per month	<b>81,00</b>

#### 3.8.2 Institutional Uses:

(Tariff Code SE0026)

<b>Tariff Summary</b>	<b>Tariff R</b>
Fixed Rate per month	<b>161,00</b>

#### 3.8.3 Informal Settlements:

Tariff as per item 3.3.

#### 3.8.4 Other Uses:

(Tariff Code SE0027)

<b>Tariff Summary</b>	<b>Tariff R</b>
Fixed Rate per month	<b>538,00</b>

### 3.9 Sports Clubs with existing lease agreements with the Council:

The tariffs specified in the agreement shall apply until the expiry date of the relevant agreement. Thereafter, and unless amended, the tariffs listed in item 3.4.3 or specified in item 3.6 as the case may be, shall be payable.

### 3.10 Special tariff agreements / contracts with the Council:

The tariffs specified per such agreement shall apply until the expiry date of the relevant agreement. Thereafter, and unless amended, the tariff(s) specified in the appropriate item contained in this schedule of tariffs shall be payable.

### 3.11 Service Rendered Outside the Municipal Area

3.11.1 Where water is supplied by the Council to the premises situated outside the municipality from which sewage is disposed into the sewage disposal system of the Council, the tariffs payable shall be as set out in item 3.2 plus an administration fee of 15%, unless a different tariff or different tariffs are listed in this schedule for the relevant use in which event the latter tariff(s) plus an administration fee of 15% will apply.

3.11.2 Where water is not supplied by the Council to those premises situated outside the municipality and such premises dispose of sewage into the sewage disposal system of the Council, the tariffs payable shall be

negotiated directly with the party concerned, by the Executive Director Infrastructure Services, plus an administration fee of 15% will apply.

- 3.12 In addition to any other tariffs payable in terms of this schedule of tariffs an amount of **R205,00** per month shall be payable in respect of any discharge point discharging waste water and / or industrial effluent into the Council's sewage disposal system through a grease, oil, silt or sand trap.
- 3.13 Discharge of certain effluent where an industrial discharge permit as intended in section 34 of the Council's Waste-Water By-laws is required.
- 3.13.1 In cases where water is supplied and metered by the Council and such water is used exclusively in an industrial process for which a valid and applicable industrial effluent discharge permit has been issued in terms of section 34 of the Waste Water By-laws of the Council, the tariffs specified in item 3 hereof shall not apply. Where the permit referred to above has been issued the tariffs intended in item 7, as the case may be, will be payable from the first day of the month following the month in which the permit is issued.
- 3.13.2 In cases, such as complexes housing different businesses, where the quantity of water used in an industrial process, for which a permit, as referred to in 3.13.1 hereof is required, cannot readily be determined or at reasonable cost be metered by the Council, the Executive Director: Infrastructure Services may, subsequent to receipt of a written application submitted to him and containing sufficient information for his purposes, in his entire discretion, estimate the average monthly utilization of water for industrial purposes, to be reflected as a constant percentage of the water consumed on the premises, and in such event the tariffs specified in item 3 shall apply to the balance of the monthly water consumption: Provided that such estimate, as well as the application of the tariffs intended in item 3 hereof to the balance of the monthly water consumption, shall only be effective from the first day of the month following the month in which the estimate was made. Where the permit referred to above has been issued the tariffs intended in item 7, as the case may be, will be payable from the first day of the month following the month in which the certificate is issued.
- 3.14 Discharge of certain effluent where no industrial effluent discharge permit as intended in section 3 of the Council's Waste Water By-laws is required.
- 3.14.1 In cases where:
- (i) the consumption of water supplied and metered by the Council exceed 150 kl per month; and
  - (ii) Subsequent to receipt of a written application submitted to him, the Executive Director: Infrastructure Services has issued to the Chief Financial Officer of the Council, a certificate confirming that all such water is utilized exclusively for industrial / manufacturing purposes producing effluent which may be discharged into the sewer disposal system of the Council without it being required to obtain permission as intended in section 34 of the Waste Water By-laws of the Council the tariffs specified in item 3 hereof shall not apply to the water thus consumed from the first day of the

month following the month in which the certificate as foresaid was issued. Where the said certificate has not been issued, the tariffs specified in item 3 hereof shall be payable. Where the certificate referred to above has been issued the tariffs intended in items 7.3.3 and 7.3.4, as the case may be, will be payable on the balance of the consumption calculated after the percentage lost in the industrial / manufacturing process, as indicated in the certificate, has been subtracted, from the first day of the month following the month in which the certificate is issued.

3.14.2 In cases such as complexes, residential units and different businesses where: -

- (i) the consumption of water supplied and metered by the council exceeds 150 kl per month;
- (ii) subsequent to receipt of a sufficiently detailed written application submitted to him, the Executive Director: Infrastructure Services has issued to the Chief Financial Officer of the Council, a certificate confirming that such water is mainly utilized for industrial / manufacturing purposes which produce effluent which may be discharged into the sewer disposal system of the Council without it being required to obtain permission as intended in section 34 of the Waste Water By-laws of the Council, the executive Director: Infrastructure Services, may in his entire discretion, estimate the average monthly utilization of water for industrial/manufacturing purposes, to be reflected as a constant percentage of the water consumed on the premises, and in such event the tariffs specified in item 3 shall apply to the balance of the monthly metered water consumption: Provided that such estimate as well as the application of the tariffs intended in item 3 hereof to the balance of the monthly water consumption, shall only be effective from the first day of the month following the month in which the said estimate was made. Where the said certificate has not been issued, the tariffs specified in item 3 hereof shall be payable. Where the certificate referred to above has been issued the tariffs intended in items 7.3.3 and .3.4, as the case may be, will be payable on the balance of the consumption calculated after the percentage lost in the industrial / manufacturing process, as indicated in the certificate, has been subtracted, from the first day of the month following the month in which the certificate is issued

3.15 The initial application for the certificate as envisaged in item 3.13 or the estimate required in terms of item 3.13.2 shall be free of charge, and all subsequent applications, shall be accompanied by a non-refundable fee of **R375,00**.

#### **4. SEWER CONNECTIONS OR UPGRADING OF UNAUTHORISED SEWER CONNECTIONS**

4.1 Where a connection to the Council's sewage disposal system is to be installed, the following charge shall be levied and will be payable in advance: (The charge excludes VAT)

<b>Description</b>	<b>Amount</b>
100mm diameter connection onto a 100mm or 150mm diameter pipe (no road crossing)	<b>R3 765,00</b>
150mm diameter connection onto a 150mm diameter pipe (no road crossing)	<b>R4 410,00</b>
100mm diameter connection requiring a road crossing, whether partial or whole	<b>R8 490,00</b>
150mm diameter connection requiring a road crossing, whether partial or whole	<b>R10 265,00</b>

Where connections are provided in lieu of a discontinued bucket system, vacuum tank service, ablution block, chemical toilets or such other facility as the Executive Director: Infrastructure Services may determine, the charges listed in item 4.1 shall not be payable.

#### 4.2 Charges in respect of services for which no tariffs are listed

In cases where a connection to or service in respect of the sewage disposal system is required and for which a charge has not been listed above, the party applying for such connection or service shall pay the cost of such work plus an administration fee of 15%, such cost to be determined by the Executive Director: Infrastructure Services or his nominee in advance.

### 5. INSPECTION FEES

#### 5.1 In respect of a specific contravention of the Waste Water By-laws or notices of the Council whether continuous or interrupted during a period of 12 months:

1 <sup>st</sup> inspection	<b>No charge</b>
1 <sup>st</sup> follow-up inspection subsequent to a notice of rectification	<b>R700,00</b>
2 <sup>nd</sup> follow-up inspection subsequent to the notice of rectification intended above	<b>R1 500,00</b>
3 <sup>rd</sup> or subsequent follow-up inspection subsequent to the notice of rectification intended above	<b>R4 280,00</b>

#### 5.2 In respect of locating Council manholes, private connections and acceptance by the Council of new sewer infrastructure, installations and connections during a period of 12 months: -

1 <sup>st</sup> inspection on a site	<b>No charge</b>
1 <sup>st</sup> follow-up inspection on the site intended above	<b>R700,00</b>
2 <sup>nd</sup> follow-up inspection on the site intended above	<b>R1 500,00</b>
3 <sup>rd</sup> or subsequent follow-up inspection on the site intended above	<b>R4 280,00</b>

### 6. READING OF EFFLUENT METERS ON REQUEST

Should any party require that a meter be read at any time other than the time appointed by the Executive Director: Infrastructure Services or his nominee, a charge of **R 135, 00** shall be paid for each such reading.

## 7. INDUSTRIAL EFFLUENT

- 7.1 Industrial Effluent Discharge Permit (Section 34 of the Waste Water By-laws of the Council)

**No charge.**

- 7.2 In respect of industrial effluent, the highest of the tariffs calculated in terms of item 7.3.2 or specified in items 7.3.3 or 7.3.4 shall be payable.

- 7.3 Industrial Effluent Treatment and conveyance charge

7.3.1 Calculation of Industrial Effluent Treatment and Conveyance Charge

***The following provisions apply with regard to and for purposes of calculating the treatment and conveyance charge provided for in paragraph 7.3.2.***

- (a) In addition to any other charges provided for in these tariffs or in any other law, a charge calculated in accordance with the provisions of these tariffs shall be payable to the Council in respect of each month during which industrial effluent is discharged from any premises.
- (b) Each user of the Council's sewerage disposal system (hereinafter referred to as "the said user") discharging effluent into such system shall test such industrial effluent, on a regular schedule as provided for in the permit to discharge industrial effluent, and report the results to the Council.
- (c) The Council shall in its entire discretion conduct analysis of industrial effluent at random. The values obtained by the Council shall be taken as correct and used to calculate the treatment and conveyance charge. Whenever the Council takes a sample, one half thereof shall be made available to the said user, if required at the time when the sample is taken.
- (d) The average of the values of the different analysis results of 24 hourly composite or grab samples of the effluent, taken during the relevant month and as prescribed in terms of the permit referred to in subparagraph (b) above will be used to determine the treatment charge payable.

Should the said user not accept the values obtained from the said analysis intended in this subparagraph the said user may request further tests at the cost of the said user to be done by a laboratory acceptable to the Council and the said user.

- (e) In the total absence of a sample, the said user shall pay to the Council the higher of the amounts as determined per items 7.3.3 or 7.3.4 hereof per month plus such other applicable tariffs prescribed herein.
- (f) Should the said user fail to submit to the Council timeously the results required in terms of subparagraph (b) above, the results

obtained by the Council from the last test results submitted in terms of the provisions of subparagraph (b) shall remain applicable: Provided further that the Council may apply the provisions of subparagraph (c) above for the purposes of calculating the charges payable: Provided further that should the result of the formula in item 7.3.2 be less than the amount specified in items 7.3.3 or 7.3.4 the highest amount calculated will be payable for the relevant month.

- (g) In the absence of any direct measurement, the quantity of industrial effluent discharged during a period shall be determined by the Council taking into consideration the quantity of water consumed on the premises during that period, the quantity of the water consumed on the premises for domestic purposes, the quantity lost to the atmosphere during the process of manufacture and the quantity present in the final product produced on the premises. Thus calculated, the quantity of industrial effluent discharged will be reflected as a constant percentage of the water consumed on the premises.
- (h) If a meter metering the quantity of water consumed on the premises is proven to be defective, the appropriate adjustments shall be made to the quantity of effluent discharged when calculated as prescribed in subparagraph (g) and the defective meter shall be repaired or replaced as soon as possible.
- (i) For the purpose of calculation of the quantity of effluent discharged from each point of discharge of effluent as aforesaid, the total quantity of water consumed on the premises shall be allocated among the several points of discharge as accurately as is reasonably practical after consultation between the Council and the said users of the relevant premises.
- (j) The owner or occupier of premises where an effluent meter is installed shall ensure that the meter is calibrated annually.
- (k) In the absence of both direct measurement and water consumption, the quantity of industrial effluent discharged during a period shall be determined by the Council taking a six month average of the direct measurement or a six month average of the water consumption for calculation of the quantity of effluent as prescribed in subparagraph (g)

### 7.3.2 Treatment and Conveyance Charge

In addition to any other fee or charges payable in terms of this schedule of tariffs, there shall be payable to the Council, in respect of any premises on which any trade or industry is carried out and from which, as a result of such trade or industry or of any process incidental thereto, any effluent (hereinafter referred to as "industrial effluent") is discharged into the Council's sewage disposal system, a treatment and conveyance charge, being an amount calculated on the industrial effluent discharged, the strengths and the permitted (allowed) concentrations of the industrial effluent discharged during the relevant month and in accordance with the following formula:

$$T_i = \frac{C}{12} \left( \frac{Q_i}{Q_t} \right) \left[ a + b \left( \frac{COD_i}{COD_t} \right) + d \left( \frac{P_i}{P_t} \right) + e \left( \frac{N_i}{N_t} \right) + f \left( \frac{SS_i}{SS_t} \right) \right]$$

Where

$T_i$  = Charges due per month for the treatment and conveyance of industrial effluent.

$C$  = R 230 800 000, 00

$Q_i$  = sewage flow (as defined in the Council's Waste Water by-laws) originating from the relevant premises in kilolitres per day determined for the relevant month;

$Q_t$  = five year average of total sewage inflow (as defined in the Council's Waste Water By-laws) to the Council's sewage disposal system in kilolitre per day;

$COD_i$  = average chemical oxygen demand of the sample originating from the relevant premises in milligrams per litre determined for the relevant month;

$COD_t$  = five year annual average chemical oxygen demand of the sewage in the total inflow to the Council's sewage disposal system in milligrams per litre;

$P_i$  = average Ortho-phosphate concentration originating from the relevant premises in milligrams phosphorus per litre determined for the relevant month;

$P_t$  = annual average Ortho-phosphate concentration of the sewage in the total inflow to the Council's sewage disposal system in milligrams phosphorus per litre;

$N_i$  = average ammonia concentration originating from the relevant premises in milligrams nitrogen per litre determined for the relevant month;

$N_t$  = five year annual average ammonia concentration of the sewage in the total inflow to the Council's sewage disposal system in milligrams nitrogen per litre;

$SS_i$  = average suspended solids concentration originating from the relevant premises in milligrams per litre determined for the relevant month;

- SSt = five year annual average suspended solids concentration of the sewage in the total inflow to the Council's sewage disposal system in milligrams per litre;
- a = portion of the fixed cost of treatment and conveyance;
- b = portion of the costs directly related to the removal of chemical oxygen demand;
- d = portion of costs directly related to the removal of phosphates;
- e = portion of the costs directly related to the removal of ammonia;
- f = portion of the costs directly related to the removal of suspended solids

For calculating of the treatment charges according to the above formula the following system values will apply: -

<b>Qt</b>	<b>505 150</b>
<b>CODt</b>	<b>831</b>
<b>Pt</b>	<b>5,7</b>
<b>Nt</b>	<b>25,1</b>
<b>SSt</b>	<b>316</b>
<b>-a</b>	<b>0,82</b>
<b>-b</b>	<b>0,26</b>
<b>-d</b>	<b>0,16</b>
<b>-e</b>	<b>0,15</b>
<b>-f</b>	<b>0,14</b>

### 7.3.3 Volume Charge

Where the discharging of effluent per volume per month as indicated in the table below occurs, the appropriate tariff set out in the table below shall be payable and the said appropriate tariff shall also apply where a certificate has been issued as intended in item 3.13 hereof:

<b>Volume of Effluent Discharged</b>	<b>Tariff R / kl Effluent</b>
0 - 200 kl / month	<b>4,40</b>
201 - 1000 kl / month	<b>4,10</b>
1001 - 2 500 kl / month	<b>3,75</b>
2501 - or more kl / month	<b>2,15</b>

### 7.3.4 Minimum charges: Effluent

**R 675, 00** per month

## 7.4 Additional Tariff Payable In Respect of the Discharge of Effluent having a Value Contrary to the Discharge Limits

7.4.1 The acceptable discharge limits are as specified in Schedule "A" hereof.

- 7.4.2 Where effluent contrary to the limits specified in Schedule “A” is discharged, treatment and conveyance charges being the higher of **R 0, 75** per kilolitre industrial effluent discharged during the relevant month or **R 740, 00** per month for each individual parameter deviating from the acceptable parameters specified in Schedule “A”, shall be payable to the Council in addition to all other charges payable to the Council in terms of this schedule of tariffs.

## 8. VACUUM TANK SERVICES

All existing and new customers receiving or requiring a vacuum tank service will be required to register with the Council prior to any service being rendered, at the relevant Service Delivery Centre.

Where the Council, in its entire discretion, is willing to provide a vacuum tank service, the following charges shall be levied and payable: -

**Note:** In the event the quality of the effluent does not conform to the standards as determined in Section 7 above, the Council reserves the right not to collect the effluent, or impose a penalty for the non conforming quality of effluent. In the event a penalty is imposed, the amount will be to the sole discretion of the Executive Director (Infrastructure Services). In the event Council exercises its right not to collect the non conforming effluent, the user will be obliged to treat the effluent, so as to conform to the standards set out in Section 7, and all costs in this regard will be for the users account.

### 8.1.1 Domestic Sewerage

In cases where the premises can, but is not connected to the Council’s sewage disposal system, in the case of domestic sewerage, and the existing sewerage reticulation is adjacent to the said erf:

The user of the vacuum tank service pays a charge of **R 700, 00** per call out irrespective of the quantity of wastewater removed for that call out.

(Tariff Code: SUVAC2)

For the purposes of item 8 “Domestic Sewage” shall mean sewage removed from residential premises, as defined in 3.1 above, including agricultural holdings and farm portions (only if such holdings or farm portions are primarily used for residential purposes), sport fields and old age homes.

### 8.1.2 Other Sewerage

In cases where the premises can, but is not connected to the Council’s sewage disposal system, in the case of the property zoned all other uses, excluding uses as defined in 3.1 above, and the existing sewerage reticulation is adjacent to the said erf:

The user of the vacuum tank service pays a charge of **R1 065, 00** per call out irrespective of the quantity of wastewater removed for that call out.

(Tariff Code: SUVAC3)

In cases where the premises cannot be connected to the sewer disposal system (where the existing sewer reticulation is not adjacent to the said erf):

### 8.2.1 Domestic Sewage

A charge of **R 183, 00** per callout (max of 5 kl), thereafter **R 183, 00** per trip

(Tariff Code: SUVAC4)

For the purposes of item 8 “Domestic Sewage” shall mean sewage removed from residential premises, as defined in 3.1 above, including agricultural holdings and farm portions (only if such holdings or farm portions are primarily used for residential purposes), sport fields and old age homes.

### 8.2.2 Other Sewage

In the case of the property zoned all other uses, excluding uses as defined in 3.1 above, and the existing sewerage reticulation is not adjacent to the said erf:

A charge of **R 380, 00** per callout (max of 5 kl), thereafter **R 380, 00** per trip

(Tariff Code :SUVAC5)

## 9. **DISCHARGING OF WASTEWATER INTO RETICULATION BY A PRIVATE CONTRACTOR**

The contractor is required to enter into a license agreement, with a monthly fee of **R 1 290, 00** payable for permission to discharge into the mainlines and **R 96, 75** for every discharge of 5 kl made, The main lines will be identified by the Chief Area Engineer or his representative and only those may be used as the discharge point. Any deviation from the agreed point of discharge will result in a penalty of **R 2 690, 00** being levied, per incident. The company will be required to enter into a license agreement to discharge.

The Council reserves the right to take samples of the discharge at any time, and if the quality is deemed to be outside the standards as defined in Section 8 above, a penalty may be enforced, and the council reserves the right to terminate the contractor's permission to discharge into the reticulation. The penalty in the event of non conforming quality of effluent discharged, shall be to the sole discretion of the Executive Director: Infrastructure Services. The penalty shall be charged as detailed in Section 7 above.

## 10. **DISCHARGING OF WASTEWATER INTO RETICULATION BY COUNCIL APPOINTED ANNUAL CONTRACTOR**

The contractor is required to enter into a license agreement, with a monthly fee of **R 1 290, 00** payable for permission to discharge into the main lines. The main lines will be identified by the Chief Area Engineer or his representative and only those may be used as the discharge point. Any deviation from the agreed point of discharge will result in a penalty of **R 2 690, 00** being levied, per incident. The company will be required to enter into a license agreement to discharge.

## 11. **INCORRECT SEWER ACCOUNT**

11.1 In the event a miscalculation was made and charged for by the Council for sewerage services rendered due to a factor or coupling error related to the water meter, the rectified charges applicable shall be calculated as follows, upon approval by the Executive Director: Infrastructure Services:

The charges applicable shall be the levy ERWAT charges the municipality (at that point in time, including the WRC levy), + 15% levy, for the duration that the incorrect charges was rendered, up to a maximum of 36 months backdated based on the average monthly consumption registered over three succeeding metered periods after the factor or coupling error was rectified.

11.2 In the event sewerage charges are levied where water supplied by the Council to any premises is in any way taken by the consumer without such water passing through the water meter of the Council, the Council may for the purpose of rendering an account for sewerage, estimate the quantity of water supplied to the consumer during the period from the last previous reading of the water meter, back dated not longer than 36 months, until the date it is discovered that water is so taken by the consumer. This estimate of the quantity of water supplied to a consumer shall be based on, as the Executive Director: Infrastructure Services may decide —

- The average monthly consumption of water on the premises during any three consecutive metering periods during the twelve months period prior to the date on which the taking of the water mentioned above was discovered; or
- The average monthly consumption on the premises registered over three succeeding metered periods after the date of discovery of the way the water was taken.

11.3 Where a water meter becomes dysfunctional and ceases to register the quantity of water supplied to a consumer, the quantity of water supplied during the period between the date of the last reading of the water meter (prior to the reading consequent on which the failure was discovered) and the date of its repair or replacement, shall for purposes of determining a sewerage charge, be estimated, as the Executive Director: Infrastructure Services may decide, on either of the following basis —

- The average daily consumption of water registered by the water meter, which has ceased to register, calculated on the preceding three meter readings taken before the meter ceased to register;
- The average daily consumption of water registered by the replaced or repaired water meter, calculated on two successive meter readings taken after the repair or replacement of the defective water meter; or
- The consumption of water at the same water connection recorded for the corresponding period in the previous year.

**THE FOLLOWING SHALL BE NOTED:**

1. The figures quoted in this Schedule of Tariffs **DO NOT INCLUDE** Value Added Tax.
2. These tariffs shall be read in conjunction with the By-laws for the Supply of Wastewater Services published by the Ekurhuleni Metropolitan Municipality.

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1.	File Council Resolution Publication Local Authority Notice Number	5/5/1/16 Item MI 120-2002(C) CM 30/05/2002
2.	Amended by Council Resolution Publication Local Authority Notice Number	Item A-MI (9-2003) CM 15/05/2003
3.	Amended by Council Resolution Publication Local Authority Notice Number	Item A-MI (34-2004) CM 20/05/2004
4.	Amended by Council Resolution Publication Local Authority Notice Number	Item A-MI (4-2005) CM 24/02/2005

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| 5. | Amended by Council Resolution<br>Publication<br>Local Authority Notice Number | Item A- F (21-2006) dated 25 May 2006<br>Gazette Number 255 dated 19 July 2006<br>1972   |
| 6. | Amended by Council Resolution<br>Publication<br>Local Authority Notice Number | Item A-IS (29-2006)MI dated 30 November 2006<br>Gazette Number 47 dated 14 February 2007<br>351                                |
| 7. | Amended by Council Resolution<br>Publication<br>Local Authority Notice Number | Item A-F(19-2007) CM 31/05/2007 and A-CL (9-2007) CM 26/07/2007<br>Gauteng Provincial Gazette No 217 dd 15 August 2007<br>2039 |
| 8. | Amended by Council Resolution<br>Publication<br>Local Authority Notice Number | A-F (18-2008) CM 29/05/2008<br>No 201 dd 6 August 2008<br>1759   |

## ANNEXURE "A"

### ACCEPTABLE DISCHARGE LIMITS

#### (i) GENERAL:

Determinants	Lower limits of concentrations
pH at 25°C	6,0 pH Units

Determinants	Upper limits of concentrations
pH at 25°C	10,0 pH Units
Electrical conductivity at 25°C	500 mS/m
Caustic alkalinity (expressed as CaCO <sub>3</sub> )	2000 mg/l
Substances not in solution (including fat, oil, grease, waxes and like substances) and where the volume of effluent discharged per month does not exceed 10 000 kl	1000 mg/l
Substances not in solution (including fat, oil, grease, waxes and like substances) and where the volume of effluent discharged per month does exceed 10 000 kl	500 mg/l
Fat, oil grease, waxes and like substances soluble in petroleum ether	500 mg/l
Sulphides, (expressed as S)	10 mg/l
Hydrogen sulphide (expressed as H <sub>2</sub> S)	5 mg/l
Substances from which hydrogen cyanide can be liberated in the drainage installation, sewer and sewage treatment works (expressed as HCN)	20 mg/l
Formaldehyde (expressed as HCHO)	50 mg/l
Non-organic solids in suspension	100 mg/l
Chemical oxygen demand (COD)	5000 mg/l
All sugars and/or starch (expressed as glucose)	1500 mg/l
Available chlorine (expressed as Cl)	100 mg/l
Sulphates (expressed as SO <sub>4</sub> )	1800 mg/l
Fluorine-containing compounds (expressed as F)	5 mg/l
Sodium (expressed as Na)	500 mg/l
Anionic surface active agents	500 mg/l

Ammonium Nitrogen as N	200 mg/l
Orthophosphate as P	50 mg/l
Phenols	150 mg/l
Chloride (Cl <sup>-</sup> )	500 mg/l

**(ii) METALS AND OTHER ELEMENTS:**

**Group A**

Determinants	Upper limits of concentrations
Nickel (expressed as Ni)	20 mg/l
Zinc (expressed as Zn)	20 mg/l
Cobalt (expressed as Co)	20 mg/l
Chromium (expressed as Cr)	20 mg/l

Should the total collective concentration of all metals in Group A (expressed as indicated above) in any sample of the effluent exceed 40 mg/l, or the concentration of any individual metal in any sample exceed the upper limits as indicated above, the provisions of items 5.1 and 7.4.2 shall apply.

**Group B**

Determinants	Upper limits of concentrations
Lead (expressed as Pb)	5 mg/l
Copper (expressed as Cu)	5 mg/l
Cadmium (expressed as Cd)	5 mg/l
Arsenic (expressed as As)	5 mg/l
Boron (expressed as B)	5 mg/l
Selenium (expressed as Se)	5 mg/l
Mercury (expressed as Hg)	5 mg/l
Molybdenum (expressed as Mo)	5 mg/l

Should the total collective concentration of all metals and elements in Group B (expressed as indicated above) in any sample of the effluent exceed 20 mg/l, or the concentration of any individual metal or elements in any sample exceed the upper limits as indicated above, the provisions of items 5.1 and 7.4.2 shall apply.

**Group C**

Determinants	Upper limits of concentrations
Aluminium (expressed as Al)	20 mg/l
Iron (expressed as Fe)	20 mg/l
Silver (expressed as Ag)	20 mg/l
Tungsten (expressed as W)	20 mg/l
Titanium (expressed as Ti)	20 mg/l
Manganese (expressed as Mn)	20 mg/l

Should the individual concentration of all metals in Group C (expressed as indicated above) in any sample of the effluent exceed the upper limits as indicated above, the provisions of items 5.1 and 7.4.2 shall apply.

**(iii) RADIO-ACTIVE WASTE:**

Radio-active waste must comply to safety standards as contemplated in section 36 of the National Nuclear Regulation Act, 1999.