Ekurhuleni
METROPOLITAN MUNICIPALITY

SCHEDULE "4"

EKURHULENI METROPOLITAN MUNICIPALITY

TARIFFS: SEWERAGE DISPOSAL SERVICES AND INCIDENTAL CHARGES

In terms of the relevant legislation the Ekurhuleni Metropolitan Municipality at a meeting held 31 May 2012 resolved to amend its Tariffs for Sewerage Disposal Services and Incidental Charges with effect from 1 July 2012 as follows:

Start date: 01 JULY 2012 VAT EXCLUDED
End date: 30 JUNE 2013

The amounts due for waste water services for the 2012/2013 financial year BE PAID on dates as indicated on accounts which will be rendered from **1 July 2012**

- The Sewerage Charges will be linked to the account where the water connection is billed. Where water is supplied and metered by Rand Water or any other legal entity to premises connected to the Council's Waste Water Reticulation System, the readings supplied by Rand Water or other legal entity will be used to calculate and render a waste water account to the owner/tenant concerned.
- Reference to "per month" in the tariffs is based on a meter reading period of 30.4375 days with regard to the calculation of a charge for the free consumption portion.
- ALL TARIFFS LISTED BELOW, OR TO BE CALCULATED IN TERMS OF THIS SCHEDULE OF TARIFFS **EXCLUDE VAT.**

2. WASTE WATER AND INDUSTRIAL EFFLUENT CHARGES

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 2012 and accounts as from those generated in July 2012 on a pro rata basis where applicable, will be levied.

1. WASTE WATER AND INDUSTRIAL 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, 3.2, 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:

Household Use:	**(TariffCodeSE0017)**
Household use: Municipal	**(Tariff Code SE0010)**
Household Use: Old Age Homes	**(Tariff Code SE0013)**
Household Use: Hostels	**(Tariff Code SE0029)**

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, including temporary connections for this purpose, has been supplied. In the case of hostels and old age homes, every 4 beds shall be deemed to be a residential unit. Where the Housing Department officially accommodates two or three beneficiaries (families) per stand, each beneficiary (family) is deemed to be a residential unit.

This tariff is only applicable to properties used exclusively for household purposes.

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 used for household purposes, 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 20m² 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 stipulations of the Council's approved Indigent Policy.

Tariff Summary	**Tariff R/kl**
Number of residential units x (0 - 6 kl / month)	**0, 00**
Number of residential units x (7 - 15 kl / month)	**7, 11**
Number of residential units x (16 - 30 kl / month)	**3, 02**
Number of residential units x (31 - 45 kl / month)	**2, 78**
Number of residential units x (46 - 60 kl / month)	**2, 58**
Number of residential units x (61 or more kl/month)	**0, 94**

3.2 INSTITUTIONAL USE:

Institutional **(Tariff Code SE 0009)**
Churches **(Tariff Code SE 0002)**
Public Schools **(Tariff Code SE 0015)**
Welfare Organizations **(Tariff Code SE 0019)**
Public Hospitals **(Tariff Code SE 0032)**

Public Benefit Organizations, Non Governmental Organizations and Cultural Organizations approved in terms of section 30 of the Income Tax Act 58 of 1962, read with items 1, 2 and 4 of the ninth Schedule to the Act; Welfare organizations registered in terms of the National Welfare Act, 1978 (Act No 100 of 1978), State Assisted Public Schools or Colleges, Public Hospitals and Churches.

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

Tariff Summary	**Tariff R/kl**
0-200 kl per month	**5, 59**
201- 2500 kl per month	**5, 15**
2501 and more kl per month	**4, 51**

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 UN-METERED AND /OR UNREAD CONNECTIONS:

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 or estimating consumption for purposes of interim charges: -

3.4.1 Household Use:
Household Use: Municipal

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	Household	Municipal
Fixed rate per month (estimated consumption less than or equal to 15 kl / month	**64, 00**	**SE7000**	**SE7100**
Fixed rate per month (estimated consumption exceeding 15 kl / month, but less than or equal to 30 kl / month)	**109, 00**	**SE7005**	**SE7105**
Fixed rate per month (estimated consumption exceeding 30 kl / month	**164, 00**	**SE7010**	**SE7110**

3.4.2 Institutional Use as listed in item 3.2: (Tariff Code SE7200)

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	**559,00**

3.4.3 Business & Other Uses not included in items 3.1, 3.2, 3.3, 3.4.1, 3.4.2 and 3.5:
(Tariff Code SE7300)
Business and Other Uses Municipal (Tariff Code SE7400)

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 Summary	**Tariff**
Fixed rate per month	**807, 00**

3.5 FLOW RESTRICTION/WATER CONSUMPTION MANAGEMENT METER

(Tariff Code SE0022)

3.5.1 Properties used exclusively for household purposes as defined in 3.1. For as long as the restriction implemented by the Chief Director; Water and Sanitation or his nominee in respect of the supply of water to the relevant premises is applicable and a sewage disposal system is supplied to the relevant premises, the tariff listed as per 3.1 shall be payable.

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 Chief Director; Water and Sanitation or his nominee a flow restrictor/water consumption management meter can be installed on the premises, subject to such Indigent being registered in terms of the Indigent Policy.

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 3.1 will be applicable.

3.6 BUSINESS AND OTHER USES: (Tariff Code SE0001)
BUSINESS AND OTHER USES MUNICIPAL: (Tariff Code SE0035)

The tariffs listed in this item are payable in respect of all 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 including sport clubs whose lease agreements with Council have expired, private hostels, private hospitals and clinics, agriculture, temporary connections for building or business use, fire hydrant use including Council owned properties, where the usage is not defined as in paragraphs 3.1, 3.2 or 3.3.

Tariff Summary	Tariff R/kl
0- 5 000 kl /month	**5, 38**
5 001- 25 000 kl/month	**2, 19**
25 001 or more kl/month	**1, 24**

The tariffs listed in this item shall be levied 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 MINIMUM BASIC CHARGES

3.7.1 Minimum Basic Household Use: (Tariff Code BS0080)
Minimum Basic Household Use Municipal: (Tariff Code BS0081)

Any premises, including vacant stands, where a Council Waste Water Disposal Service is available, which is not directly connected to the Council's waste water reticulation system, the monthly minimum basic charge below will be levied until such time that the relevant premises including vacant stands, have been connected where after the tariff sliding scale in item 3.1 will apply.

Tariff Summary	Tariff R
Fixed Rate per month	**64, 00**

3.7.2 Minimum Basic Institutional Uses: (Tariff Code BS0082)

Any premises, including vacant stands, where a Council Waste Water Disposal Service is available, which is not directly connected to the Council's waste water reticulation system, the monthly minimum basic charge below will be levied until such time that the relevant premises including vacant stands, have been connected where after the fixed tariff in item 3.2 will apply.

Tariff Summary	Tariff R
Fixed Rate per month	**112, 00**

3.7.3 Minimum Basic Informal Settlements: (Tariff Code BS0083)

Tariff as per item 3.3.

3.7.4 Business and Other Uses: (Tariff Code BS0084)
Business and Other Uses Municipal: (Tariff Code BS0085)

Any premises, including vacant stands, where a Council Waste Water Disposal Service is available, which is not directly connected to the Council's waste water reticulation system, the monthly minimum basic charge below will be levied until such time that the relevant premises including vacant stands, have been connected where after the tariff sliding scale in item 3.6 will apply.

Tariff Summary	Tariff R
Fixed Rate per month	**215, 00**

3.8 PRIVATE INTERNAL WATER LEAKS (Tariff Code SE0006)

In case of exceptionally high meter readings of water consumption, due to bona fide leaks from a private internal water pipeline, the

Director Income Finance or his nominee 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 Director-

Tariff Summary	Tariff R
Fixed Rate	**1,90**

3.9 SPORTS CLUBS WITH EXISTING UNEXPIRED LEASE AGREEMENTS WITH THE COUNCIL:

(Tariff Code SE8110)

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:

(Tariff Code SE 8100)

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 - excluding industrial effluent - 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.

(Tariff Code SE8200)

3.11.2 Where water is not supplied by the Council to those premises situated outside the municipality and such premises dispose of sewage — excluding industrial effluent - into the sewage disposal system of the Council, the tariffs payable shall be negotiated directly with the party concerned, by the Chief Director; Water and Sanitation or his nominee plus an administration fee of 15% will apply.

(Tariff Code SE8300)

3.11.3 Where water is supplied by the Council to the premises situated outside the municipality from which industrial effluent is disposed into the sewage disposal system of the Council paragraphs 3.12, 3.13, 3.14, 5, 6 and 7 will apply. Where tariffs are applicable in these paragraphs an additional administration fee of 15% will apply. **(Tariff Code SE8230)**

3.11.4 Where water is not supplied by the Council to those premises situated outside the municipality and such premises dispose of industrial effluent into the sewage disposal system of the Council, the tariffs payable shall be negotiated directly with the party concerned, by the Chief Director; Water and Sanitation or his nominee, plus an administration fee of 15% will apply **(Tariff Code SE8310)**

3.12 GREASE, OIL, SILT or SAND TRAP (**Tariff Code SE 9000)**

In addition to any other tariffs payable in terms of this schedule of tariffs an amount of **R 358, 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.

(Tariff Code refer Item 7)

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 Chief Director; Water and Sanitation or his nominee 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.

(Tariff Code: Refer item 7)

3.14 DISCHARGE OF CERTAIN EFFLUENT WHERE NO INDUSTRIAL EFFLUENT DISCHARGE PERMIT AS INTENDED IN SECTION 34 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 exceeds 150 kl per month; <u>and</u>

(ii) Subsequent to receipt of a written application submitted to him, the Chief Director; Water and Sanitation or his nominee 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: Provided that Council may require the information and calculations indicated in said application, to be done and certified by an independent professional engineer, at the cost of the said user. **(Tariff Code: Refer item 7)**

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 where: -

(i) the consumption of water supplied and metered by the council exceeds 150 kl per month for a specific business in a complex housing individual businesses on the same stand, <u>and</u>

(ii) subsequent to receipt of a sufficiently detailed written application submitted to him, the Chief Director; Water and Sanitation or his nominee 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 Chief Director; Water and Sanitation or his nominee , 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 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. **(Tariff Code: Refer item 7)**

4. SEWER CONNECTIONS OR UPGRADING OF UNAUTHORISED SEWER CONNECTIONS

1.1 **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)

Description	Amount	Tariff Code
100mm diameter connection onto a 100mm or 150mm diameter pipe (no road crossing	**6 263,00**	**SUS100**
150mm diameter connection onto a 150mm diameter pipe (no road crossing)	**7 335,00**	**SUS110**
100mm diameter connection requiring a road crossing, whether partial or whole	**14 122,00**	**SUS150**
150mm diameter connection requiring a road crossing, whether partial or whole	**17 073,00**	**SUS160**

Where connections are provided in lieu of a discontinued bucket system, vacuum tank service, ablution block, chemical toilets or such other facility as the Chief Director; Water and Sanitation or his nominee 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 Chief Director; Water and Sanitation 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:

1st inspection	**No charge**
1st follow-up inspection subsequent to a notice of rectification **Tariff Code SUS200**	**1 059,00**
2nd follow-up inspection subsequent to the notice of rectification intended above **Tariff Code SUS210**	**2 268,00**
3rd or subsequent follow-up inspection subsequent to the notice of rectification intended above **Tariff Code SUS220**	**6 473,00**

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: -

1st inspection on a site	**No charge**
1st follow-up inspection on the site intended above **Tariff Code SUS200**	**1 059,00**
2nd follow-up inspection on the site intended above **Tariff Code SUS210**	**2 268,00**
3rd or subsequent follow-up inspection on the site intended above **Tariff Code SUS220**	**6 473,00**

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 Chief Director; Water and Sanitation or his nominee, a charge of **R224, 00** shall be paid for each such reading. **(Tariff Code SUS300)**

7. INDUSTRIAL EFFLUENT

7.1 Issuing of an 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 industrial effluent into such system shall test such industrial effluent, in accordance with any provisions stipulated in their permit to discharge industrial effluent, and report the results to the Council.

(c) The Council shall, in its entire discretion, conduct analysis on composite or grab samples of the industrial effluent, taken 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 industrial effluent, taken during the relevant month, as referred to in subparagraph (c) above, will be used to determine the treatment charge payable.

In cases where only one set of analysis were performed on a user's industrial effluent during a specific month and some or all of the values obtained from the said analysis, as intended in this paragraph, is considered incorrect or if the said user successfully proves the incorrectness of any values obtained from said analysis, those values will be substituted by averages of the values taken over the previous three consecutive months.

In cases where multiple sets of analysis were performed on a said user's industrial effluent during a specific month, only the specific set of analysis, containing the incorrect values, may be deleted without substitution with averages, provided that it be

considered that if all the sets of analysis during a specific month are incorrect, all sets of analysis for the specific month be deleted and substituted by a set of averages of the values taken over the previous three consecutive months.

In the event of a said user having own analysis conducted on the industrial effluent and in the event that the said user requests that these analysis results also be included in the determination of the treatment charge payable, it will only be included in the calculations subject to the following provisions:

i. Analysis must be conducted by an accredited laboratory.
ii. All the analysis results conducted during the relevant month must be submitted to Council, timeously at the end of each month.
iii. The averages of the values thus provided by the said user will be used as a single set of results to be included with all the Council's own sets of analysis results for the specific month, in calculating the treatment charge.
iv. The Council reserves the right to refuse the inclusion of such analysis results as referred to in sub-subparagraph (d) iii should any interference in the samples or validity of the results be suspected.

(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) In the absence of any direct measurement, by industrial effluent meter, 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. The Council may request that such calculation be done and certified by an independent professional engineer at the cost of the set user.

(g) If a Council water 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 industrial effluent discharged when calculated as prescribed in subparagraph (f) by using the average consumption over the three month period prior to the meter becoming defective until the defective meter has been repaired or replaced

(h) For the purpose of calculation of the quantity of industrial effluent discharged from each point of discharge of industrial 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.

The Council shall, in its entire discretion, decide if a composite sample shall be taken proportional to the industrial effluent discharged from each point of discharge, as calculated in this subparagraph or if each discharge point should be sampled individually.

(i) In the event of direct measurement the owner or occupier of a premises where an industrial effluent meter is installed, shall ensure that the said meter is calibrated every second year, provided that the Council reserves the right to require calibration at any time, at its absolute discretion.

(j) In the event of unavailability of a representative industrial effluent meter reading, due to malfunction or through circumstances preventing the reading being taken, the quantity of industrial effluent discharged for a period shall be determined by using the average of the direct measurements over the three month period prior to the meter becoming defective.

In the event of a defective industrial effluent meter, or circumstances preventing the reading being taken, the meter shall be repaired or replaced within three months or Council, at its own discretion, will resort back to calculation of the quantity of industrial effluent as prescribed in subparagraph (f)

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:

$$Ti = \frac{C}{12}\left(\frac{Qi}{Qt}\right)\left[a + b\left(\frac{CODi}{CODt}\right) + d\left(\frac{Pi}{Pt}\right) + e\left(\frac{Ni}{Nt}\right) + f\left(\frac{SSi}{SSt}\right)\right]$$

Where

Ti = Charges due per month for the treatment and conveyance of industrial effluent.
C = R 601 600 000, 00
Qi = 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
Qt = 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;
CODi = average chemical oxygen demand of the sample originating from the relevant premises in milligrams per litre determined for the relevant month;
CODt = 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;
Pi = average Ortho-phosphate concentration originating from the relevant premises in milligrams phosphorus per litre determined for the relevant month;
Pt = annual average Ortho-phosphate concentration of the sewage in the total inflow to the Council's sewage disposal system in milligrams phosphorus per litre;
Ni = average ammonia concentration originating from the relevant premises in milligrams nitrogen per litre determined for the relevant month;
Nt = 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;
SSi= 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: -

Qt	**639 280**
CODt	**812**
Pt	**5,3**
Nt	**22,7**
SSt	**318**
-a	**0,40**
-b	**0,26**
-d	**0,16**
-e	**0,15**
-f	**0,14**

7.3.3 Volume Charge (Tariff Code SE2000)

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:

Volume of Effluent Discharged	Tariff R / kl Effluent
0 – 5 000 kl / month	**6, 38**
5 001- 50 000 kl / month	**3, 73**
50 001 – or more kl / month	**3, 14**

7.3.4 Minimum charges: Effluent R1 196, 00 (Tariff Code SE2200)

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 **R1, 31** per kilolitre industrial effluent discharged during the relevant month or **R1 296, 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 Chief Director; Water and Sanitation or his nominee. 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 (Tariff Code: SUS400)

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 **R1 227, 00** per call out irrespective of the quantity of wastewater removed for that call out.

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 (Tariff Code: SUS410)

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 865, 00** per call out irrespective of the quantity of wastewater removed for that call out.

8.2.1 Domestic Sewage (Tariff Code: SUS420)

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):

A charge of **R437, 00** per callout (max of 5 kl), thereafter **R437, 00** per trip

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 (Tariff Code: SUS430)

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 **R665, 00** per callout (max of 5 kl), thereafter) **R665, 00** per trip

9. DISCHARGING OF WASTE WATER INTO COUNCIL'S WASTE WATER RETICULATION BY A PRIVATE CONTRACTOR

The contractor is required to enter into a license agreement, with a monthly fee of **R2 000, 00** payable for permission to discharge into the mainlines. 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 **R5000, 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 Chief Director; Water and Sanitation or his nominee. The penalty shall be charged as detailed in Section 7 above.

License Fee	**(R2 000, 00 per month)**	**(Tariff Code SE9100)**
Discharge Penalty	**(R5000, 00 per incident)**	**(Tariff Code SUS450)**

10. DISCHARGING OF WASTE WATER INTO COUNCIL'S WASTE WATER RETICULATION BY COUNCIL APPOINTED ANNUAL CONTRACTOR

The contractor is required to enter into a license agreement, with a monthly fee of **R2 000, 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 **R5 000, 00** being levied, per incident. The company will be required to enter into a license agreement to discharge.

License Fee	**(R2 000, 00 per month)**	**(Tariff Code SE9150)**
Discharge Penalty	**(R5000, 00 per incident)**	**(Tariff Code SUS450)**

11.1 Coupling or Factor Errors

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 Chief Director; Water and Sanitation or his nominee.

The charges applicable shall be **R1, 90 per kl** levy, for the duration that the incorrect charges was rendered, up to a maximum of 36 months backdated. Should accurate readings not be available the

charges will based on the average monthly consumption registered over three succeeding metered periods after the factor or coupling error was rectified.

11.2 Non Measurement by Water Meter

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 Chief Director; Water and Sanitation or his nominee, 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 Dysfunctional Water Meter

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 Chief Director; Water and Sanitation or his nominee 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.

12 Unlawful Discharge of Storm Water into Sewage Disposal System

The charge for the unlawful discharge of storm water into the sewage disposal system:

Household	**R 1 494, 00**	**SUS600**
Business and Other (including Institutional)	**R 5 534, 00**	**SUS610**

Inspection fees stipulated in Paragraph 5 to be applied after 21 days of the initial charge being levied

13 Unlawful Discharge of Swimming Pool Water

The charge for discharging or permitting to discharge the water from any swimming pool directly or indirectly over any road or into a gutter, storm water drain, watercourse, open ground or private premises instead of the waste water reticulation system on the premises of the owner of such swimming pool.

Household	**R 1 494, 00**	**SUS600**
Business and Other (including Institutional)	**R 5 534, 00**	**SUS610**

Inspection fees stipulated in Paragraph 5 to be applied after 21 days of the initial charge being levied

14 DAMAGES TO THE MUNICIPAL SEWER PIPE SYSTEM AND/OR SEWER

INSTALLATIONS

Any damages to the municipal pipe system and/or installation: Actual costs of repairs calculated as follows:

a) Pipes with diameter of 50mm or less R5,534, 00
b) Pipes with diameter larger than 50mm but less than or equal to 100mm R11,068, 00
c) Pipes with diameter larger than 100mm but less than or equal to 250mm R16,602, 00
d) Pipes with diameter larger than 250mm but less than or equal to 400mm R22,136, 00
e) Pipes with diameter larger than 400mm but less than or equal to 700mm R44,272, 00
f) Pipes with diameter larger than 700mm R60,874, 00

	1st Offence	**2nd Offence**	**3rd Offence**	**4th Offence**	**5th Offence**
<50mm	SUS510	SUS520	SUS530	SUS540	SUS550
<100mm	SUS511	SUS521	SUS531	SUS541	SUS551
<250mm	SUS512	SUS522	SUS532	SUS542	SUS552
<400mm	SUS513	SUS523	SUS533	SUS543	SUS553
<700mm	SUS514	SUS524	SUS534	SUS544	SUS554
+700mm	SUS515	SUS525	SUS535	SUS545	SUS555

14.1 The above tariffs will be levied per incident REPORTED.
14.2 The reporting should be done as soon as the incident is known to both the Ekurhuleni Call Centre wherein a reference number will be given and a Water Services Chief Area Engineer or a Customer Care Area Manager. It is up to the person working within Ekurhuleni to obtain the necessary contact details.
14.3 If the incident was not reported but was found by Ekurhuleni, a surcharge of 10% will be applied.
14.4 For repeat offenders a surcharge will be levied as follows. For a second transgression, 5% will be levied above the tariffs mentioned in 1 above. For subsequent transgressions the following surcharges will be applied.
14.4.1 Third transgression, 10% surcharge to be levied.
14.4.2 Fourth transgression, 15% surcharge to be levied.
14.4.3 Fifth transgression, 20% surcharge to be levied.
14.4.4 For any transgressions above 5, a 30% surcharge will be levied.
14.4.4.1 In this circumstance Ekurhuleni reserves a right to review the contractual relationship if the transgressor is a service provider.
14.4.4.2 If the transgressor is not contractually bound to Ekurhuleni, the municipality reserves a right to request the transgressor to cease operations within 24 hours.

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.

ANNEXURE "A"

ACCEPTABLE DISCHARGE LIMITS

(i) GENERAL:

Determinants	**Lower limits of concentrations**
pH at 25℃	6,0 pH Units

Determinants	**Upper limits of concentrations**
pH at 25℃	10,0 pH Units
Electrical conductivity at 250	500 mS/m
Caustic alkalinity (expressed as $CaCo_3$)	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 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_2S)	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_4)	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)	500 mg/l

(ii) METALS AND OTHER ELEMENTS:

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) <u>RADIO-ACTIVE WASTE:</u>

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

1.	Amended Council Resolution	A-F (30-2011) CM 20/04/2011
	Publication	Provincial Gazette Extra-Ordinary No 107 dd 1 June 2011
	Local Authority Notice Number	688
2.	Amended by Council Resolution	A-F (20a-2012) CM 31 May 2012
	Publication	Gauteng Provincial Gazette Extra-Ordinary 159 dd 13 June 2012
	Local Authority Notice number	766