SCHEDULE 8

CALCULATION OF RECOVERY RATE AND THE RECYCLING RATE

1. Calculation Of The Recovery Rate Prior To 31 March 2015

1.1 The Recovery Rate is calculated in the following manner.

1.2 The Recovery Rate, measured by weight (in tonnes) as a percentage of Municipal Waste (M) for the relevant Contract Year, will be as follows.

\[
\frac{A - B}{M} \times 100
\]

Where

\( A = A_1 + A_2 + A_3 + A_4 \) and where:

\( A_1 \) is the weight of Municipal Waste (for the relevant Contract Year) received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

\( A_2 \) is the weight of Municipal Waste (for the relevant Contract Year), other than Contract Waste, which has been weighed prior to Processing and which is then subsequently processed at an Energy Recovery Plant, being Waste on which the WDA has made payment to a third party for Processing that Waste.\( A_3 \) is the weight of Municipal Waste (for the relevant Contract Year) received from Kerbside Schemes and from Bring Schemes and Recyclable Materials separated by the Contractor from Household Waste at the HWRS and which has been Recycled by the Contractor;

\( A_4 \) is the weight of Household Waste (for the relevant Contract Year), other than Contract Waste, collected by any WCA or third party from Kerbside Schemes and
from Bring Schemes all of which has been Recycled, being Household Waste on which the WDA has paid recycling credits or other payment to the collector (WCA or third party) for Recycling that Household Waste;

B is:

the weight of Process Waste Residue derived from A₁ and A₂ (for the relevant Contract Year) calculated in accordance with paragraph 3 of this Schedule 8.

M is:

the weight (in tonnes) of Municipal Waste arising within the administrative areas of the Councils (for the relevant Contract Year)

2. Calculation Of The Recovery Rate From 1 April 2015

2.1 In terms of measuring the Contractor’s performance the Recovery Rate is calculated in the following manner.

2.2 The Recovery Rate, measured by weight (in tonnes) as a percentage of Household Waste (H) for the relevant Contract Year, will be as follows;

\[
\frac{A-B}{H} \times 100
\]

Where

A = A₁ + A₂ + A₃ + A₄ and where:

A₁ is the weight of Household Waste (for the relevant Contract Year) received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

A₂ is the weight of Household Waste (for the relevant Contract Year), other than Contract Waste, which has been weighed prior to Processing and which is then subsequently processed at an Energy Recovery Plant, being Waste on which the WDA has made payment to a Third Party for Processing that Waste.

A₃ is the weight of Household Waste (for the relevant Contract Year) received from Kerbside Schemes and from Bring Schemes and Recyclable Materials separated by the Contractor from Household Waste at the HWRS and which has been Recycled by the Contractor;
A₄ is the weight of Household Waste (for the relevant Contract Year), other than Contract Waste, collected by any WCA or third party from Kerbside schemes and from Bring Schemes all of which has been Recycled being Household Waste on which the WDA has paid recycling credits or other payment to the collector (WCA or third party) for Recycling that Household Waste;

B is:

the weight of Process Waste Residue derived from A₁ and A₂ (or the relevant Contract Year) calculated in accordance with paragraph 3 of this Schedule 8.

H is:

the weight in tonnes of Household Waste delivered to the Contractor (or the relevant Contract Year)

3. **Calculation Of The Recycling Rates**

3.1 **Calculation of the Recycling Rate for the WDA Areas**

3.1.1 The Recycling Rate for Brighton and Hove City Council as a WDA measured by weight (in tonnes) as a percentage of Household Waste will be:

\[
\frac{P_{BH}}{H_{BH}} \times 100
\]

Where

\[P_{BH} = P_{1BH} + P_{2BH} + P_{3BH}\] and where:

\[P_{1BH}\] is the weight of Household Waste received by the Contractor from Brighton & Hove City Council Kerbside Schemes and Bring Schemes that has been Recycled;

\[P_{2BH}\] is the weight of Household Waste, other than Contract Waste, collected by any third party from Kerbside Schemes and from Bring Schemes within the administrative area of Brighton & Hove City Council all of which has been Recycled being Household Waste on which the WDA has paid recycling credits or other payment to the collector for Recycling that Household Waste;

\[P_{3BH}\] is the weight of Household Waste Recycled by the Contractor from Contract Waste received at the Household Waste Recycling Sites within the administrative area of Brighton & Hove City Council
$H_{BH}$ is:

the weight (in tonnes) of Household Waste arising in the Brighton & Hove City Council administrative area for the relevant Contract Year.

3.1.2 The Recycling Rate for East Sussex County Council measured by weight (in tonnes) as a percentage of Household Waste will be:

$$\frac{P_{ES} \times 100}{H_{ES}}$$

Where

$P_{ES} = P_{1ES} + P_{2ES} + P_{3ES}$ and where:

$P_{1ES}$ is the weight of Household Waste received by the Contractor from WCAs within the ESCC administrative area, through collected Kerbside Schemes and from Bring Schemes that has been Recycled;

$P_{2ES}$ is the weight of Household Waste, other than Contract Waste, collected by any WCA or third party from Kerbside Schemes and from Bring Schemes within the administrative area of East Sussex County Council, all of which has been Recycled being Household Waste on which the WDA has paid recycling credits or other payment to the collector (WCA or third party) for Recycling that Household Waste;

$P_{3ES}$ is the weight of Household Waste Recycled by the Contractor from Contract Waste received at the Household Waste Recycling Sites within the administrative area of East Sussex County Council.

$H_{ES}$ is:

the weight (in tonnes) of Household Waste arising within the administrative area of East Sussex County Council for the relevant Contract Year.

3.2 Calculation of the Recycling Rate for the WCA Areas

3.2.1 The calculation in paragraph 2.4 shall be carried out for each WCA in the administrative area of East Sussex County Council and shall be measured and compared against the WCA targets.
The Recycling Rate for each WCA within the administrative area of East Sussex County Council measured by weight (in tonnes) as a percentage of Household Waste shall be:

\[
\frac{P_{\text{WCA}}}{H_{\text{WCA}}} \times 100
\]

Where

\[P_{\text{WCA}} = P_{\text{WCA1}} + P_{\text{WCA2}}\]

and where:

\[P_{\text{WCA1}}\] is the weight of collected Household Waste received by the Contractor from Kerbside Schemes and from Bring Schemes from the relevant WCA area, which has been Recycled:

\[P_{\text{WCA2}}\] is the weight of Household Waste, other than Contract Waste, collected by the relevant WCA or third party from Kerbside Schemes and from Bring Schemes all of which has been Recycled, on which the WDA has paid recycling credits or other payment to the collector (WCA or third party) for Recycling that Household Waste;

\[H_{\text{WCA}}\]: the weight (in tonnes) of Household Waste arising within the administrative area of that WCA for the relevant Contract Year.

3.2.2 The Recycling Rate for Brighton and Hove City Council as a WCA measured by weight (in tonnes) as a percentage of Household Waste shall be:

\[
\frac{P_{\text{WCABH}}}{H_{\text{WCABH}}} \times 100
\]

Where

\[P_{\text{WCABH}} = P_{\text{WCABH1}} + P_{\text{WCABH2}}\]

and where:

\[P_{\text{WCABH1}}\] is the weight of collected Household Contract Waste received by the Contractor from Kerbside Schemes and from Bring Schemes from the B&HCC area, which has been Recycled by the Contractor:
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P_{WCABH2} is the weight of Household Waste, other than Contract Waste, collected by Brighton and Hove WCA or third party from Kerbside Schemes and from Bring Schemes all of which has been Recycled, on which B&HCC has paid recycling credits or other payment to the collector for Recycling that Waste;

H_{WCABH}: the weight (in tonnes) of Household Waste arising within the administrative area of that WCA for the relevant Contract Year.


4.1 Calculation of Contract Waste Process Waste Residue

The weight of Contract Waste Process Waste Residue derived from Municipal Waste (for the relevant Contract Year) shall be calculated on a pro rata basis relative to all residues that is Process Waste Residue, such that;

\[
\begin{align*}
ME & = MR \quad \text{and} \quad MR = ME \times WR \\
WE & = WR
\end{align*}
\]

Where:

ME = the weight (in tonnes) of Contract Waste arising within the administrative areas of the Councils for the relevant Contract Year received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

WE = the weight (in tonnes) of waste for the relevant Contract Year received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

MR = the weight (in tonnes) of Process Waste Residue derived from ME

WR = the weight (in tonnes) of Process Waste Residue resulting from the Processing of WE at an Energy Recovery Plant.

4.2 Calculation Of Process Waste Residue Post 31 March 2015

The weight of Contract Waste Process Waste Residue derived from Household Waste (for the relevant Contract Year) shall be calculated on a pro rata basis relative to all residues that is Process Waste Residue, such that;

\[
\begin{align*}
MEH & = MRH \quad \text{and} \quad MRH = MEH \times WRH \\
WEH & = WRH
\end{align*}
\]
Where:

MEH = the weight (in tonnes) of Household Contract Waste arising within the administrative areas of the Councils for the relevant Contract Year received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

WEH = the weight (in tonnes) of waste for the relevant Contract Year received by the Contractor and weighed prior to Processing which is then subsequently Processed at an Energy Recovery Plant;

MRH = the weight (in tonnes) of Process Waste Residue derived from ME

WRH = the weight (in tonnes) of Process Waste Residue resulting from the Processing of WEH at an Energy Recovery Plant.