

Date received:	11 th March 2024
Date responded:	9 th April 2024
Subject:	Refuse Collection and Kerbside Collection

Questions and Responses:

A. Household Residual Waste:

The Appendix to the Council FOI response dated 27 September 2023 entitled 'Kerbside Recycling, Household Waste and Civic Amenity Site Waste amounts in kg deposited', includes:

- **Table 3 data on 'amount in kg of household waste (black bins) collected in 12 months prior to the introduction of fortnightly waste collection (Nov 21-Oct 22).**
- **Table 4 data on 'amount in kg of household waste (black bins) collected in 12 months following introduction of fortnightly waste collection' (Nov 22 – Aug 23).**

Please provide the following additional information:

- 1. Table 4: The amount in kg of 'household waste (black bins) collected' in September 2023 and October 2023:**

Waste (Kg)/ Month	Sep-23	Oct-23
Total Refuse Collected	611,742.00	654,753.00

- 2. For Table 3 and for Table 4 plus the additional data for Sept 23 and Oct 23:**

- a) the type(s) of premises from which the waste reported as 'household waste' was collected e.g. individual residential house, individual residential flat, room in a shared residential house, residential homes, schools, charity shops or sites operated by charities; libraries; Douglas Town Hall:**

Individual residential house, individual residential flat, room in a shared residential house, residential homes, schools, charity shops or sites operated by charities.

- b) the classification of individual residential households from which the 'household waste' was collected, listed by:**

- (i) type e.g. detached house with/without garden, flat with/without garden:**

This information is not held by the Council.

- (ii) Number of households in each of the classification types. Where this is an actual figure please indicate the source for that information. Where this is an estimate please indicate how this estimate has been made.**

This information is not held by the Council.

- c) Weight, in kg, of waste collected from residential households with and without an individual refuse/residual waste bin. Please indicate:**
(Where actual figures are provided please indicate the source for that information. Where figures are estimated please indicate how the estimates have been made.)

- (i) the number of residential households in Douglas with;**

- a) An individual residual waste bin:**

Approximately 8,232 (source: 2021 census).

<https://www.gov.im/media/1375604/2021-01-27-census-report-part-i-final-2.pdf>

- b) A communal/shared refuse/residual waste bin.**

Approximately 3,574 (source: 2021 census).

<https://www.gov.im/media/1375604/2021-01-27-census-report-part-i-final-2.pdf>

- (ii) the total amount in kg of waste collected from households type (a) and households type (b):**

- weekly Nov 2021 – Oct 2022 inclusive (i.e. all residual waste collection rounds completed in one week)
- every two weeks (i.e. all collection rounds completed over a two week period) Nov 2022 to Oct 2023 inclusive

This information is not held by the Council.

Although the Council has bin weighing capability, the Council does not separate waste collection data by dwelling type or bin size. For example, some communal bins are 240L, the same size as a typical dwelling house.

- d) In the event the Council is unable to provide the data requested in c) i and ii, please provide the following:**

- (i) the total number of residential households in Douglas:**

Approximately 11,806 (source: 2021 census).

<https://www.gov.im/media/1375604/2021-01-27-census-report-part-i-final-2.pdf>

(ii) the total weight, in kgs, of waste collected from these households:

- weekly from Nov 2021 – Oct 2022 inclusive (i.e. all residual waste collection rounds completed in one week)**

Waste collection data is analysed on a monthly basis in line with the reconciliation undertaken with the Government's Waste Management Unit and the Energy from Waste Plant. Table 3 from FOI 27 Sept 2023 provides the monthly weight for household waste.

http://douglas.gov.im/index.php/component/docman/doc_download/1014-foi-response-27-09-2023-appendix?Itemid=

- every two weeks from Nov 2022 to Oct 2023 inclusive (i.e. all collection rounds completed over a two week period)**

As described above, waste collection data is analysed on a monthly basis, table 4 from FOI 27 Sept 2023 provides the monthly weight for household waste, with additional data FOR Sept and Oct 23 provided at A1 above.

http://douglas.gov.im/index.php/component/docman/doc_download/1014-foi-response-27-09-2023-appendix?Itemid=

B. Kerbside Recycling

The Appendix to the Council FOI response dated 27 September 2023 entitled 'Kerbside Recycling, Household Waste and Civic Amenity Site Waste amounts in kg deposited' includes in Tables 1 and 2 weights of materials collected for recycling.

Please provide the following additional information:

- 1. Table 2: 'amount in kg of kerbside recycling (excluding garden waste) in 12 months following introduction of fortnightly waste collection', please supply the data for September 2023 and October 23.**

Material (kg)/Month	Sep-23	Oct-23
Paper	12,000.00	13,870.00
Cardboard	7,000.00	4,750.00
Plastic & Cans	11,800.00	10,910.00
Glass	27,420.00	25,720.00

- 2. Source for the data on the weight of recyclable materials: please confirm how the weights of recyclable materials are obtained. For example are they: weights on collection (on board weighing); weights on delivery to the**

Council’s sorting/transfer facility; weights on export from the facility; weights on acceptance by the recycling facility.

All weights are obtained at the Council’s waste transfer station weighbridge.

3. Contamination rates: please provide the contamination rates in each of the material types collected for recycling for Nov 21-Oct 22, and Nov 22 – Oct 23. Please indicate how these have been calculated:

Contamination rates are not recorded by the Council. The feedback from end processors as to the quality of material provided by the Council is good.

4. Recycling facilities: please list the location of the facilities to which materials collected through the Council’s kerbside scheme were transported for recycling Nov 21 – Oct 23:

J & A Young (Leicester) Ltd
Smurfit Kappa
UPM- Kymmene (UK) Limited
Tandom Metallurgical Group
Allan Morris
AD Recycling

5. Cost of recycling: please provide the monthly average cost/income per tonne of each recyclable material sent to the recycling facility for the months Nov 21 to Oct 23 inclusive:

Data is not currently recorded in this manner. You can view the budget for the Council’s recycling operation in the following link: [2024BudBook.pdf \(douglas.im\)](#)

This includes the cost of physical collection and processing including haulage, together with the income from the sale of recyclables.

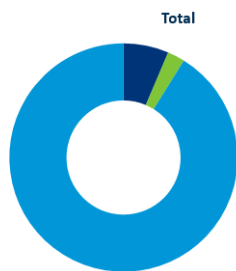
6. Environmental Impact of Recycling. Provide a copy of any technical report, assessment or study which has been undertaken in the past four years to calculate the Environmental Impact/Carbon Impact (including scope 3 emission) of the Council’s kerbside collection scheme:

There was no requirement to carry out an Environmental/ carbon impact assessment in the past 4 years. However, in conjunction with the Carbon Trust the Council annually calculates Carbon emissions, including a scope 3 calculation of our overall waste emissions, an extract from the 2023 report is shown below.

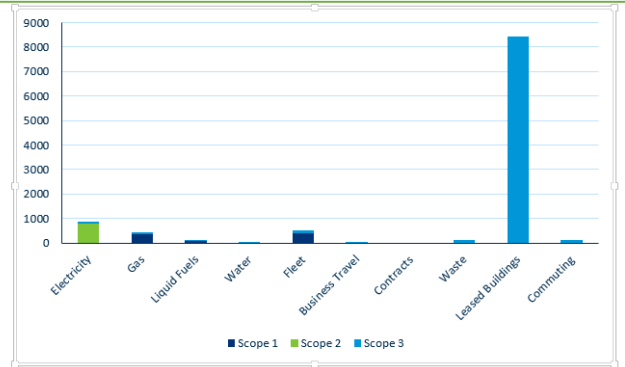
Key Figures

Scope	Emissions (tCO ₂ e)
Scope 1	866.03
Scope 2	807.37
Scope 3	8,917.73
Total	10,591.13

Emission Totals *(Make sure to refresh right hand graph)*



■ Sum of Scope 1
■ Sum of Scope 2
■ Sum of Scope 3



Category Emissions by Scope

C. Green waste collection service January 2023 to 31 November 2023.

Please provide the following information:

1. The number of individual residential households issued with a Green Waste Bin (GWB) to participate in the kerbside green waste collection scheme:

4640.

2. The total amount in kg of green waste collected from households per green waste collection cycle i.e. green waste collection rounds completed over a two week period. Data to be provided for the timescale January 2023 to November 2023 inclusive:

Waste Collection data is analysed on a monthly basis. Monthly statistics are as follows:

Jan 2023 - Nov 2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
garden waste (kg)	1,300.00	20,640.00	29,960.00	57,780.00	104,660.00	70,940.00	67,720.00	83,280.00	77,160.00	63,480.00	43,760.00

Note: No collection was carried out in January 2023

3. the facility to which the green waste collected under the kerbside green waste scheme is delivered including the:

a) facility location:

Middle Park

b) facility/process accreditation for its composting process:

The Company has advised that their operation is regularly inspected by DEFA and undergoes annual testing in accordance with BSI PAS 100:201. Test certificates have been supplied to the Council on demand. The company has stated that it does not re-sell the product to the public.

c) gate fee charged per tonne for accepting green waste:
£35 p/t.

d) contamination rate of material delivered by the Council:

This information is not recorded, however the arrangement is that it's the responsibility of the collection crew to sort and remove any contaminants, primarily plastic bags and place in the bin which is provided on site.

4. Environmental Impact of Green Waste Recycling. Provide a copy of any technical report, assessment or study which has been undertaken in the past four years to calculate the Environmental Impact/Carbon Impact (including scope 3 emissions) of the Council's green waste kerbside collection scheme.

There is no requirement for the Council to carry out an Environmental impact assessment when the service was introduced. Legislation passed in January 2024 will require the Council to complete this within the next three years.

D. Collection of recyclable materials from commercial premises.

Please confirm whether the Council provides a service for the collection of recyclable materials from commercial premises/businesses in Douglas. If yes, please state:

Yes.

1. The types of recyclable materials collected:

Paper, cardboard, cans and plastic type 1, 2 & 5.

2. The frequency materials can be collected i.e. daily, weekly:

Generally weekly, but some have twice weekly collections.

3. The vehicle(s) used for collecting these materials:

Both RCV and Kerbside collection vehicles are used.

4. The cost to commercial users for this recycling service:

£2.80 per site visit.

5. Where the materials collected are sorted/bulked-up prior to recycling:

Council's waste transfer station.

6. The total monthly weight, in kg, of each recyclable material collected by the Council during the months Nov 21 to Oct 23 inclusive.

As the service is not a cost per weight or lift, but a cost per attendance, the bins are not fitted with Radio Frequency Identification Devices (chipping device) and collections are embedded in domestic recycling collection rounds therefore this data is not held.

E. Report 'Twelve month review following the change in waste service'

Please provide a copy of the Report referred to as 'Twelve month review following the change in waste service' presented by the Senior Engineering and Waste Services Manager to the Environmental Services Committee at its meeting on 15th January 2024, and listed under the proceedings of the Environmental Service Committee presented to, and received by, the Council at its meeting on 14th February 2024 (item 10, 261. 14th February 2024).

Please see attached at appendix 2.