

## Annex D

# Waste Flow Table

**No. EP/SP/61/10 of Organic Resources Recovery Centre (Phase 1)**  
**Monthly Summary Waste Flow Table**

| Month          | Chemical Waste | Waste Generated from Pretreatment Process |                     |   |                       | General Refuse                           |       |                     |       |   |       |                       |       |
|----------------|----------------|---|---------------------|---|-----------------------|--|-------|---------------------|-------|---|-------|-----------------------|-------|
|                |                | Disposed of at Landfill (see Note 1)      | Metals (see Note 2) | Paper/ cardboard packaging (see Note 2) | Plastics (see Note 3) | Disposed of at Landfill (see Note 1 & 4) |       | Metals (see Note 2) |       | Paper/ cardboard packaging (see Note 2) |       | Plastics (see Note 3) |       |
|                | Litre          | tonne                                     | tonne               | tonne                                   | tonne                 | No. of collection                        | tonne | No. of collection   | tonne | No. of collection                       | tonne | No. of collection     | tonne |
| March 2019     | 1,200          | 477.08                                    | 0                   | 0                                       | 0                     | 26                                       | 1.50  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| April 2019     | 0              | 455.60                                    | 0                   | 0                                       | 0                     | 22                                       | 1.27  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| May 2019       | 1,000          | 528.22                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 1                     | 0.39  |
| June 2019      | 0              | 459.23                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| July 2019      | 0              | 521.79                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| August 2019    | 40             | 441.05                                    | 0                   | 0                                       | 0                     | 27                                       | 3.11  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| September 2019 | 1,800          | 576.28                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| October 2019   | 0              | 441.22                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| November 2019  | 1,600          | 451.57                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| December 2019  | 1,009          | 488.13                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| January 2020   | 0              | 388.20                                    | 0                   | 0                                       | 0                     | 23                                       | 2.65  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| February 2020  | 4,525          | 372.97                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| March 2020     | 1,200          | 351.71                                    | 0                   | 0                                       | 0                     | 27                                       | 3.11  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| April 2020     | 0              | 363.92                                    | 0                   | 0                                       | 0                     | 21                                       | 2.42  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| May 2020       | 800            | 294.36                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| June 2020      | 0              | 347.23                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| July 2020      | 200            | 852.07                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| August 2020    | 0              | 700.25                                    | 0                   | 1.20                                    | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| September 2020 | 400            | 579.64                                    | 0                   | 5.31                                    | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| October 2020   | 0              | 840.75                                    | 0                   | 5.83                                    | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| November 2020  | 0              | 688.20                                    | 0                   | 0.80                                    | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| December 2020  | 766            | 685.47                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| January 2021   | 1,800          | 634.00                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| February 2021  | 6,120          | 377.72                                    | 0                   | 0                                       | 0                     | 21                                       | 2.42  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| March 2021     | 6,000          | 325.21                                    | 0                   | 0                                       | 0                     | 27                                       | 3.11  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |

| Month          | Chemical Waste | Waste Generated from Pretreatment Process |                     |   |                       | General Refuse                           |       |                     |       |   |       |                       |       |
|----------------|----------------|---|---------------------|---|-----------------------|--|-------|---------------------|-------|---|-------|-----------------------|-------|
|                |                | Disposed of at Landfill (see Note 1)      | Metals (see Note 2) | Paper/ cardboard packaging (see Note 2) | Plastics (see Note 3) | Disposed of at Landfill (see Note 1 & 4) |       | Metals (see Note 2) |       | Paper/ cardboard packaging (see Note 2) |       | Plastics (see Note 3) |       |
|                | Litre          | tonne                                     | tonne               | tonne                                   | tonne                 | No. of collection                        | tonne | No. of collection   | tonne | No. of collection                       | tonne | No. of collection     | tonne |
| April 2021     | 9,700          | 651.29                                    | 0                   | 0                                       | 0                     | 22                                       | 2.53  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| May 2021       | 4,000          | 671.03                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| June 2021      | 0              | 558.72                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| July 2021      | 0              | 382.74                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| August 2021    | 3,420          | 687.05                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| September 2021 | 2,400          | 304.01                                    | 0                   | 0                                       | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| October 2021   | 0              | 342.38                                    | 0                   | 0                                       | 0                     | 23                                       | 2.65  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| November 2021  | 2,000          | 394.26                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| December 2021  | 0              | 392.44                                    | 0                   | 0.67                                    | 0                     | 22                                       | 2.53  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| January 2022   | 0              | 359.27                                    | 0                   | 0                                       | 0                     | 23                                       | 2.65  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| February 2022  | 0              | 260.57                                    | 0                   | 0                                       | 0                     | 21                                       | 2.42  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| March 2022     | 0              | 253.75                                    | 0                   | 0                                       | 0                     | 23                                       | 2.65  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| April 2022     | 1,240          | 253.45                                    | 0                   | 0                                       | 0                     | 22                                       | 2.53  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| May 2022       | 0              | 354.94                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| June 2022      | 0              | 383.41                                    | 1.73                | 0.08                                    | 0                     | 25                                       | 2.88  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| July 2022      | 0              | 430.90                                    | 4.87                | 1.15                                    | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| August 2022    | 1,000          | 427.52                                    | 0.00                | 0.00                                    | 0                     | 23                                       | 2.65  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| September 2022 | 0              | 476.92                                    | 0                   | 0                                       | 0                     | 21                                       | 2.42  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| October 2022   | 0              | 615.87                                    | 0                   | 0                                       | 0                     | 24                                       | 2.76  | 0                   | 0     | 0                                       | 0     | 0                     | 0     |
| November 2022  | 0              | 585.38                                    | 0                   | 0                                       | 0                     | 26                                       | 3.00  | 1                   | 0.020 | 1                                       | 0.035 | 1                     | 0.020 |
| December 2022  | 0              | 666.42                                    | 0                   | 0                                       | 0                     | 31                                       | 3.57  | 1                   | 0.001 | 1                                       | 0.040 | 1                     | 0.050 |
| January 2023   | 1,200          | 581.55                                    | 0.969               | 0.000                                   | 0.021                 | 23                                       | 2.650 | 0                   | 0.000 | 1                                       | 0.004 | 0                     | 0.000 |
| February 2023  | 5,540          | 643.75                                    | 0.000               | 0.360                                   | 0.000                 | 24                                       | 2.765 | 1                   | 0.003 | 0                                       | 0.000 | 1                     | 0.015 |
| March 2023     | 0              | 682.00                                    | 0.000               | 0.000                                   | 0.000                 | 27                                       | 3.110 | 2                   | 0.011 | 2                                       | 0.065 | 2                     | 0.012 |
| April 2023     | 0              | 578.25                                    | 0.260               | 0.000                                   | 0.000                 | 21                                       | 2.419 | 0                   | 0.000 | 1                                       | 0.015 | 1                     | 0.012 |
| May 2023       | 0              | 662.27                                    | 0.000               | 0.000                                   | 0.000                 | 25                                       | 2.880 | 0                   | 0.000 | 0                                       | 0.000 | 2                     | 0.130 |

|       |           |           |      |       |      |       |        |   |       |   |       |   |       |
|-------|-----------|-----------|------|-------|------|-------|--------|---|-------|---|-------|---|-------|
| Total | 58,960.00 | 25,242.02 | 7.83 | 15.40 | 0.02 | 1,244 | 140.54 | 5 | 0.035 | 6 | 0.159 | 9 | 0.629 |
|-------|-----------|-----------|------|-------|------|-------|--------|---|-------|---|-------|---|-------|

Notes:

1. General refuse was disposed of at NENT by subcontractors.
2. Metal and paper/cardboard packaging were collected by recycler for recycling.
3. Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material collected by recycler for recycling.
4. It was assumed that four 240-litre bins filled with 80% of general refuse were collected at each collection. The general refuse density was assumed to be around 0.15 kg/L.