

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 |
| 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 | 383.35 | 1.73 | 0.08 | 0 | 25 | 2.88 | 0 | 0 | 0 | 0 | 0 | 0 |
| July 2022 | 0 | 430.89 | 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 |
| Total | 58,960 | 24,001.43 | 7.57 | 15.40 | 0.02 | 1,198 | 135.24 | 5 | 0.035 | 5 | 0.144 | 6 | 0.487 |

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.