ERM

ANNEX D WASTE FLOW TABLE

MONTHLY SUMMARY WASTE FLOW TABLE

Month	Chemical Waste	Waste Generated from Pre-treatment Process				General Refuse							
		Disposed of at Landfill [1]	Metals [2]	Paper / cardboard packaging [2]	Plastics [3]	Disposed of at Landfill [1, 4]		Metals [2]		Paper / cardboard packaging [2]		Plastics [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

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		Disposed of at Landfill [1]	Metals [2]	Paper / cardboard packaging [2]	Plastics [3]	Disposed of at Landfill [1, 4]		Metals [2]		Paper / cardboard packaging [2]		Plastics [3]	
	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
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

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		Disposed of at Landfill [1]	Metals [2]	Paper / cardboard packaging [2]	Plastics [3]	Disposed of at Landfill [1,4]		Metals [2]		Paper / cardboard packaging [2]		Plastics [3]	
	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
March 2021	6,000	325.21	0	0	0	27	3.11	0	0	0	0	0	0
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

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		Disposed of at Landfill [1]	Metals [2]	Paper / cardboard packaging [2]	Plastics [3]	Disposed of at Landfill [1, 4]		Metals [2]		Paper / cardboard packaging [2]		Plastics [3]	
	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
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	0	0	23	2.65	0	0	0	0	0	0
September 2022	0	476.92	0	0	0	21	2.419	0	0	0	0	0	0
October 2022	0	615.87	0	0	0	24	2.765	0	0	0	0	0	0
November 2022	0	585.38	0	0	0	26	2.995	1	0.020	1	0.035	1	0.020
December 2022	0	666.42	0	0	0	31	3.571	1	0.001	1	0.040	1	0.050
January 2023	1,200	581.55	0.969	0	0.021	23	2.650	0	0	1	0.004	0	0
February 2023	5,540	643.75	0	0.360	0	24	2.765	1	0.003	0	0	1	0.015
March 2023	0	682.00	0	0	0	27	3.110	2	0.011	2	0.065	2	0.012
April 2023	0	579.34	0.260	0	0	21	2.419	0	0	1	0.015	1	0.012

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		Disposed of at Landfill [1]	Metals [2]	Paper / cardboard packaging [2]	Plastics [3]	Disposed of at Landfill [1,4]		Metals [2]		Paper / cardboard packaging [2]		Plastics [3]	
	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
May 2023	0	682.27	0	0	0	25	2.88	0	0	0	0	2	0.130
June 2023	1,000	653.92	0	0.040	0	25	2.880	1	0.015	1	0.060	1	0.035
July 2023	0	713.68	0	0	0	24	2.765	0	0	2	0.080	1	0.005
August 2023	0	677.43	0	0	0	27	3.110	2	0.015	2	0.090	2	0.025
September 2023	4,459	721.42	0	1.250	0	23	2.650	2	0.010	0	0	2	0.006
October 2023	0	919.56	0	0	0	23	2.650	2	0.006	2	0.022	2	0.020
November 2023	1,440	1,016.43	0	0	0	26	2.995	0	0	1	0.100	0	0
December 2023	0	1,006.03	0	0	0	24	2.765	1	0.001	2	0.009	2	0.006
January 2024	1,200	830.42	0	0	0	26	2.995	1	0.006	2	0.100	1	0.020
February 2024	400	901.23	0	0	0	22	2.534	1	0.005	2	0.090	1	0.010
March 2024	0	1,037.81	0	0	0	24	2.765	1	0.001	2	0.045	1	0.005
April 2024	0	946.15	0	0	0	20	2.304	1	0.001	2	0.030	1	0.003
May 2024	1,700	1300.62	0	0	0	25	2.880	0	0	2	0.070	2	0.007

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	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
June 2024	1,200	1,199.51	0	0	0	25	4.080	1	0.002	1	0.010	2	0.040
July 2024	18,496	1,391.16	0	0	0	26	2.995	0	0	2	0.080	1	0.005
August 2024	1,200	1,160.32	0	0	0	27	3.110	1	0.001	2	0.035	1	0.002
September 2024	0	1,106.69	0	0	0	24	2.765	2	0.002	2	0.042	2	0.005
October 2024	0	1,398.65	0	0	0	25	2.880	2	0.012	2	0.035	2	0.020
November 2024	0	1,341.30	0	0	0	26	2.995	0	0	2	0.046	2	0.006
December 2024	1,020	1,246.81	0	0	0	24	2.765	0	0	2	0.040	1	0.005
January 2025	0	1,267.22	0	0	0	23	2.650	0	0	2	0.040	2	0.015
February 2025	2,297	1,143.59	0	0	0	24	2.765	0	0	2	0.032	2	0.007
March 2025	34,800	548.97	0	0	0	26	2.995	2	0.001	2	0.027	2	0.003
April 2025	0	616.80	0	0	0	22	2.534	1	0.001	2	0.035	1	0.003
May 2025	0	506.36	0	0	0	24	2.765	0	0	2	0.044	2	0.010
June 2025	16,020	641.69	0	0	0	25	2.880	0	0	2	0.030	0	0

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	Litre	tonne	tonne	tonne	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne	No. of collection	tonne
July 2025	8,000	657.84	0	0	0	26	2.995	0	0	2	0.027	0	0
August 2025	0	755.72	0	0	0	26	2.995	0	0	2	0.023	2	0.008
Total	152,192.30	50,949.35	7.83	16.69	0.02	1906	218.01	26	0.114	55	1.401	47	0.900

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.

5. June 2024 general refuse also includes ad-hoc disposal of 1.2 tonnes, in addition to 2.880 tonnes collected during regularly scheduled disposals, for a total of 4.080 tonnes.