

# Appendix L

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## Waste Flow Table

### Monthly Summary Waste Flow Table (2021)

Month	Actual Quantities of Inert C&D Materials Generated Monthly				Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity of Inert C&D Materials Generated <sup>2 3</sup> (A)	Reused in the Contract <sup>3</sup> (B)	Reused in other Projects <sup>3</sup> (C)	Disposed as Public Fill <sup>3</sup> (D)	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Others, e.g. general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )
Total (2019)	2.284	0.0000	0.0000	2.284	0.0000	0.0000	0.0000	0.0000	0.0358
Total (2020)	130.0518	0.0000	75.3533	54.6985	49.1912	3.1500	0.0219	4.2240	0.2613
Jan	14.5751	0.0000	7.1632	7.4119	0.0020	0.0000	0.0000	0.0000	0.0210
Feb	28.9735	0.0000	5.0064	23.9671	0.0020	0.3700	0.0070	0.0000	0.0223
Mar	48.8382	0.0000	28.7197	20.1185	0.0030	0.5100	0.0030	0.8800	0.0294
Apr	44.1959	0.0000	44.0006	0.1953	0.0060	0.3000	0.0064	0.8800	0.0361
May	54.184	0.0000	54.1432	0.0408	0.0130	0.2870	0.0240	1.0560	0.0355
Jun	53.1209	0.0000	53.1177	0.0032	0.0020	0.3900	0.0020	4.4000	0.0625
Sub-Total (2021)	243.8876	0.0000	192.1508	51.7368	0.0280	1.8570	0.0424	7.2160	0.2068
Jul	59.4543	0.0000	59.3124	0.1419	0.0024	0.2000	0.0021	3.6960	0.0638
Aug	61.0077	0.0000	60.2823	0.7255	0.0210	0.2550	0.0098	3.6960	0.0594
Sep	61.0355	0.0000	60.2860	0.7495	0.0066	0.1700	0.0078	2.4640	0.0619
Oct	41.5818	0.0000	40.9318	0.6500	0.0097	0.5350	0.0095	4.7520	0.0338
Nov	57.7724	0.0000	56.9633	0.8091	0.0071	0.1650	0.0077	0.0000	0.0286
Dec	46.3612	0.0000	39.6288	6.7324	0.0094	0.2100	0.0067	3.6960	0.0373
Total (2021)	571.1005	0.0000	509.5554	61.5452	0.0842	3.3920	0.0860	25.5200	0.4916
Total accumulated waste quantity	703.4363	0.0000	584.9087	118.5277	49.2754	6.5420	0.1079	29.7440	0.7887

Notes:

1. Following assumption is made for calculation:

- i) 1m<sup>3</sup> of inert material weight 2.2 tonne;
- ii) 1m<sup>3</sup> of non-inert material weight 1.6 tonne;
- iii) 1m<sup>3</sup> of chemical waste weight 0.88 tonne;

2. Total Quantity of Inert C&D Materials (A) should reflect total quantities of C&D materials (including rock, broken concrete, soil, asphalt, slurry and bentonite) generated from site;

3. Disposed as Public Fill (D) = Total Quantity of Inert C&D Materials Generated (A) – Reused in the Contract (B) – Reused in other Projects (C)

4. Construction waste record had been updated according to latest information from Contractor in December 2021