

Appendix L

Waste Flow Table

Monthly Summary Waste Flow Table (2023)

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 ^{2 3} (A)	Reused in the Contract ³ (B)	Reused in other Projects ³ (C)	Disposed as Public Fill ³ (D)	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Others, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)
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
Total (2021)	571.1005	0.0000	509.5554	61.5452	0.0842	3.3920	0.0860	25.5200	0.4916
Total (2022)	472.7173	7.9374	320.6842	137.2021	0.0726	3.5310	0.1382	44.9046	0.7432
Jan	53.2818	0.0000	50.2477	3.0341	0.0033	0.1650	0.0120	0.0000	0.0688
Feb	72.6005	0.0000	65.6327	6.9677	0.0058	0.1300	0.0088	2.8160	0.0900
Mar	61.8141	0.6882	52.2268	8.8991	0.0056	0.1400	0.0098	5.2448	0.1094
Apr	30.5641	0.5191	19.4473	10.5977	0.0045	0.5000	0.0101	1.9360	0.1094
May	49.9648	0.0676	36.2894	13.6078	0.0042	0.4700	0.0070	0.7040	0.1594
Jun	50.8995	0.5987	42.9123	7.3885	0.0048	0.1600	0.0092	0.0000	0.1563
Sub-Total (2023)	319.1248	1.8736	266.7562	50.4949	0.0282	1.5650	0.0569	10.7008	0.6933
Jul	33.1173	0.0000	23.8764	9.2409	0.0107	0.0000	0.0263	0.0000	0.1865
Aug	23.7191	0.1214	15.5295	8.0682	0.0062	0.2700	0.0120	2.8160	0.2912
Sep	19.0242	0.0446	17.0439	1.9357	0.0093	0.0000	0.0168	0.0000	0.1706
Oct	26.0330	2.2207	20.6945	3.1177	0.0025	0.2600	0.0022	5.6320	0.3106
Nov	40.8191	0.0882	36.2573	4.4736	0.0069	0.8600	0.0169	0.0000	0.4663
Dec	16.3710	0.0000	12.6630	3.7081	0.0100	0.2350	0.0063	0.0000	0.4017
Total (2023)	478.2085	4.3485	392.8208	81.0391	0.0738	3.1900	0.1374	19.1488	2.5202
Total accumulated waste quantity	1654.3621	12.2859	1298.4137	336.7689	49.4218	13.2630	0.3835	93.7974	4.0521

Notes:

1. Following assumption is made for calculation:

- i) 1m³ of inert material weight 2.2 tonne;
- ii) 1m³ of non-inert material weight 1.6 tonne;
- iii) 1m³ 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).

