

Appendix F

Waste Flow Table

Monthly Summary Waste Flow Table (2024)

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
Total (2023)	478.2085	4.3485	392.8208	81.0391	0.0738	3.1900	0.1374	19.1488	2.5202
Jan	4.1266	0.0000	2.8955	1.2311	0.0065	0.3400	0.0189	0.0000	0.4086
Feb	5.3527	0.0000	1.1942	4.1586	0.0081	0.2000	0.0155	0.0000	0.3571
Mar	5.6098	0.0000	1.7477	3.8621	0.0113	0.4700	0.0113	0.0000	0.3599
Apr	3.3904	0.0000	1.5641	1.8263	0.0113	0.4410	0.0113	4.2240	0.3544
May	2.2268	0.0000	0.7182	1.5086	0.0130	0.2300	0.0220	0.0000	0.3088
Jun	2.0695	0.0000	0.5609	1.5086	0.0142	0.3200	0.0283	0.0000	0.3231
Sub-Total (2024)	22.7758	0.0000	8.6806	14.0953	0.0644	2.0010	0.1073	4.2240	2.1119
Jul	1.5382	0.0000	0.2382	1.3000	0.0096	0.0000	0.0164	0.0000	0.3844
Aug	0.8414	0.0000	0.1668	0.6745	0.0048	0.0000	0.0189	4.0480	0.5088
Sep	0.4205	0.0000	0.0323	0.3882	0.0079	0.0000	0.0136	0.0000	0.1325
Oct	0.3818	0.0000	0.1768	0.2050	0.0023	0.0000	0.0142	0.0000	0.0956
Nov	0.6718	0.0000	0.1164	0.5555	0.0000	0.0000	0.0000	3.6608	0.1200
Dec	0.0545	0.0000	0.0273	0.0273	0.0010	0.0000	0.0050	0.0000	0.0775
Total (2024)	26.6840	0.0000	9.4384	17.2458	0.0900	2.0010	0.1754	11.9328	3.4307
Total accumulated waste quantity	1681.0461	12.2859	1307.8521	354.0147	49.5118	15.2640	0.5589	105.7302	7.4828

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).

4. The figure was updated according to the latest data.