

Appendix L

Waste Flow Table

Monthly Summary Waste Flow Table (2022)

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)	2.2840	0.0000	0.0000	2.2840	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
Jan	33.0835	0.0000	25.3038	7.7797	0.0081	0.2860	0.0040	3.1680	0.0528
Feb	17.2623	0.0000	11.7800	5.4823	0.0035	0.3200	0.0104	3.3440	0.0200
Mar	23.0532	0.0782	20.4250	2.5500	0.0000	0.1450	0.0000	3.8808	0.0438
Apr	35.9891	3.0068	30.7500	2.9800	0.0047	0.3050	0.0098	0.0000	0.0384
May	39.8455	1.8614	23.14	12.6914	0.0031	0.3600	0.0057	6.5120	0.0308
Jun	49.8	0.6682	14.6968	33.8541	0.0085	0.4700	0.0117	6.3518	0.0581
Sub-Total (2022)	199.0336	5.6146	126.0956	65.3375	0.0279	1.8860	0.0416	23.2566	0.2439
Jul	52.1995	0.5409	23.4573	27.2195	0.0101	0.1200	0.0181	0.0000	0.0435
Aug	34.1768	0.1591	25.4436	7.9632	0.0055	0.4800	0.0099	9.1520	0.0598
Sep	34.8341	1.3205	15.7423	16.0914	0.0081	0.1400	0.0219	3.1680	0.0505
Oct	45.3936	0.3023	37.7436	7.3477	0.0068	0.1850	0.0196	3.8720	0.0914
Nov	49.1432	0.0000	43.3268	5.8164	0.0074	0.5200	0.0102	1.9360	0.1110
Dec	57.9365	0.0000	48.8750	7.4264	0.0068	0.2000	0.0169	3.5200	0.1431
Total (2022)	472.7173	7.9374	320.6842	137.2021	0.0726	3.5310	0.1382	44.9046	0.7432
Total accumulated waste quantity	1176.1536	7.9374	905.5929	255.7298	49.3480	10.0730	0.2461	74.6486	1.5319

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)