

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	0.0000	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	2.2591	30.7500	2.9800	0.0047	0.3050	0.0098	0.0000	0.0384
May	35.8314	0.0000	23.14	12.6914	0.0031	0.3600	0.0057	6.5120	0.0308
Jun	48.5509	0.0000	14.6968	33.8541	0.0085	0.4700	0.0117	2.4640	0.0581
Sub-Total (2022)	193.7704	2.3373	126.0956	65.3375	0.0279	1.5660	0.0416	19.3688	0.2439
Jul									
Aug									
Sep									
Oct									
Nov									
Dec									
Total (2022)	193.7704	2.3373	126.0956	65.3375	0.0279	1.5660	0.0416	19.3688	0.2439
Total accumulated waste quantity	897.2067	2.3373	711.0043	183.8652	49.3033	8.1080	0.1495	49.1128	1.0326

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)