

Appendix L

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 ^{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
Jan	14.4522	0.0000	7.0543	7.3979	0.0020	0.0000	0.0027	0.0000	0.0210
Feb	30.0391	0.0000	6.0723	23.8545	0.0000	0.3000	0.0021	0.0000	0.0223
Mar	48.8381	0.0000	28.7195	20.1186	0.0000	0.2000	0.0020	1.1364	0.0294
Apr	44.2117	0.0000	44.0164	0.1953	0.0020	0.2000	0.0020	1.1364	0.0361
May	53.5866	0.0000	53.5305	0.0561	0.0130	0.2870	0.0240	1.3636	0.0355
Jun	53.3927	0.0000	53.3895	0.0032	0.0010	0.2000	0.0020	0.0000	0.0625
Sub-Total (2021)	244.5204	0.0000	192.7825	51.7379	0.0180	1.1870	0.0348	3.6364	0.2068
Jul	59.5029	0.0000	59.3127	0.1902	0.0024	0.2000	0.0021	3.6960	0.0638
Aug	61.0078	0.0000	60.2823	0.7255	0.0010	0.2000	0.0020	0.0000	0.0594
Sep	61.0383	0.0000	60.2868	0.7495	0.0025	0.2000	0.0020	2.4640	0.0619
Oct	43.5205	0.0000	42.8705	0.6500	0.0030	0.2000	0.0020	1.5000	0.0338
Nov									
Dec									
Total (2021)	469.5879	0.0000	415.5348	54.0531	0.0269	1.9870	0.0429	11.2964	0.4257
Total accumulated waste quantity	601.9237	0.0000	490.8881	111.0356	49.2181	5.1370	0.0648	15.5204	0.7228

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)