

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2015**

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract (Note 8)	Reused in Other Projects (Note 8)	Disposed as Public Fill (Note 6)	Imported Fill (Note 6)	Metals	Paper / Cardboard Packaging	Plastics (Note 3)	Chemical Waste	Others, e.g. general refuse (Note 8)
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
Jan	48.460	0.000	33.635	14.687	0.138	3.380	7.500	0.000	0.000	0.000	0.189
Feb	28.973	0.000	8.313	20.634	0.026	19.826	2.700	0.400	0.000	0.000	0.130
Mar	41.562	0.000	21.776	19.786	0.000	35.687	2.800	0.000	0.000	0.000	0.098
Apr	40.002	0.000	12.304	27.698	0.000	22.723	8.970	0.000	0.000	1.239	0.150
May	46.877	0.000	11.038	35.839	0.000	37.790	6.780	0.750	0.000	0.000	0.176
Jun	7.659	0.000	7.659	0.000	0.000	71.856	3.210	0.000	0.000	0.000	0.228
Sub-total	213.533	0.000	94.725	118.644	0.164	191.262	31.960	1.150	0.000	1.239	0.969
Jul	12.324	0.000	12.324	0.000	0.000	63.589	6.620	0.250	0.000	0.000	0.390
Aug	3.097	0.000	3.097	0.000	0.000	38.259	9.447	0.000	0.000	0.000	0.332
Sep	6.468	0.000	5.846	0.000	0.622	9.458	2.101	0.000	0.000	0.000	0.390
Oct	3.977	0.000	3.865	0.000	0.112	13.171	6.211	0.650	0.000	0.000	0.462
Nov	See Note 9	0.000	3.919	17.036	0.128	See Note 9	10.300	0.300	0.000	1.023	0.462
Dec	See Note 9	0.000	See Note 9	19.815	0.456	See Note 9	9.812	0.000	0.000	0.000	0.410
Sub- total	25.866	0.000	29.051	36.851	1.318	124.476	44.491	1.200	0.000	1.023	2.444
Total	See Note 9	0.000	See Note 9	155.495	1.482	See Note 9	76.451	2.350	0.000	2.262	3.413

Forecast of Total Quantities of C&D Materials to be Generated from the Contract*										
Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in Other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
310.805	21.788	224.130	40.265	24.622	1362.000	10.000	4.600	0.500	3.400	2.350

- Notes:
- (1) The performance target are given in ER Appendix 8J Clause 14
  - (2) The waste flow table shall also include C&D materials that are not specified in the Contract to be imported for use at the Site
  - (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
  - (4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m<sup>3</sup>.
  - (5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for recycling.
  - (6) Conversion factors for reporting purpose:  
excavated (bulk): rock = 2.0 tonnes/m<sup>3</sup>; soil = 1.8 tonnes/m<sup>3</sup>; sand=1.9tonnes/m<sup>3</sup> Metal=7.85tonnes/m<sup>3</sup>
  - (7) Numbers are rounded off to the nearest three decimal places
  - (8) 30T dump truck carries C&D waste of 8.0m<sup>3</sup>; 24T dump truck carries C&D waste of 6.5m<sup>3</sup>
  - (9) The actual quantities of inert C&D material generated in November and December 2015 will be updated in Monthly EM&A Report for January 2016.