

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2018**

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	33.109	0.000	3.896	22.373	6.840	15.246	11.340	0.000	0.000	0.000	2.503
Feb	8.294	0.000	3.304	1.774	3.216	0.000	19.130	0.000	0.000	0.000	0.871
Mar	12.043	0.000	3.056	4.643	4.344	0.000	10.540	0.000	0.000	0.000	1.274
Apr	7.064	0.000	2.568	0.656	3.840	0.822	19.760	0.000	0.000	0.000	1.931
May	3.176	0.000	2.408	0.512	0.256	1.003	22.430	0.000	0.000	0.000	1.554
Jun	2.948	0.000	1.648	0.732	0.568	0.927	28.750	0.000	0.000	0.000	0.728
Sub-total	66.634	0.000	16.880	30.690	19.064	17.998	111.950	0.000	0.000	0.000	8.860
Jul	14.004	0.000	1.792	11.364	0.848	0.094	10.210	0.000	0.000	0.000	0.975
Aug	9.502	0.000	1.418	5.268	2.816	2.649	13.540	0.000	0.000	0.000	1.684
Sep	3.068	0.000	1.228	0.000	1.840	0.000	12.337	0.000	0.000	0.000	1.203
Oct	4.417	0.000	1.317	1.668	1.432	3.501	10.593	0.000	0.000	0.000	0.676
Nov	3.398	0.000	1.118	0.624	1.656	0.981	8.378	0.000	0.000	0.000	0.488
Dec	1.494	0.000	0.890	0.156	0.448	1.728	3.140	0.000	0.000	0.000	0.410
Sub- total	35.883	0.000	7.763	19.080	9.040	8.953	58.198	0.000	0.000	0.000	5.435
Total	102.517	0.000	24.643	49.770	28.104	26.951	170.148	0.000	0.000	0.000	14.295



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>