

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2014**

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	6.396	0.000	6.396	0.000	0.000	127.813	0.000	0.000	0.000	0.000	0.163
Feb	10.568	0.000	10.568	0.000	0.000	98.249	0.000	0.000	0.000	0.000	0.124
Mar	7.136	0.000	7.136	0.000	0.000	83.389	0.000	0.000	0.000	0.000	0.208
Apr	9.577	0.000	9.577	0.000	0.000	74.044	0.000	0.000	0.000	1.181	0.156
May	9.874	0.000	9.874	0.000	0.000	76.189	0.000	0.000	0.000	0.000	0.221
Jun	25.226	0.000	25.226	0.000	0.000	85.577	0.000	0.000	0.000	0.000	0.169
Sub-total	68.776	0.000	68.776	0.000	0.000	545.261	0.000	0.000	0.000	1.181	1.040
Jul	23.282	0.000	23.282	0.000	0.000	77.122	0.000	0.000	0.000	0.675	0.228
Aug	37.111	0.000	37.111	0.000	0.000	69.887	0.000	0.000	0.000	0.000	0.182
Sep	34.055	0.000	34.055	0.000	0.000	130.476	0.000	0.000	0.000	0.000	0.156
Oct	35.464	0.000	35.464	0.000	0.000	146.324	0.000	0.000	0.000	0.000	0.221
Nov	37.703	0.000	37.703	0.000	0.000	58.109	0.000	0.000	0.000	0.000	0.189
Dec	33.553	0.000	33.553	0.000	0.000	0.000	0.000	0.000	0.000	0.600	0.221
Sub- total	201.167	0.000	201.167	0.000	0.000	481.919	0.000	0.000	0.000	1.275	1.196
Total	269.943	0.000	269.943	0.000	0.000	1027.180	0.000	0.000	0.000	2.456	2.236

**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	15.778	0.000	15.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.189
Feb	6.949	0.000	6.949	0.000	0.000	15.059	0.000	0.000	0.000	0.000	0.130
Mar											
Apr											
May											
Jun											
Sub-total	22.727	0.000	22.727	0.000	0.000	15.059	0.000	0.000	0.000	0.000	0.319
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Sub- total											
Total	22.727	0.000	22.727	0.000	0.000	15.059	0.000	0.000	0.000	0.000	0.319

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=1.9 tonnes/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>