

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2016**

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	39.443	0.000	6.108	33.336	0.000	0.000	5.203	0.500	0.000	0.000	0.475
Feb	21.122	0.000	2.808	18.314	0.000	0.000	11.764	0.400	0.000	0.000	0.475
Mar	30.254	0.000	1.752	28.374	0.128	0.000	4.956	0.250	0.000	0.000	0.468
Apr	61.096	0.000	2.488	58.440	0.168	0.000	9.168	0.000	0.000	0.800	0.618
May	49.255	0.000	3.448	45.447	0.360	0.000	9.238	0.000	0.000	0.000	0.429
Jun	36.997	0.000	3.184	33.357	0.456	0.000	3.577	0.000	0.000	0.000	0.436
Sub-total	238.167	0.000	19.788	217.267	1.112	0.000	43.906	1.150	0.000	0.800	2.899
Jul	31.205	0.000	3.616	27.397	0.192	0.000	3.264	0.000	0.000	0.000	0.468
Aug	38.615	0.000	3.848	34.199	0.568	0.000	4.832	0.000	0.000	0.510	0.390
Sep	73.499	1.159	4.408	67.212	0.720	0.000	12.142	0.000	0.000	0.000	0.481
Oct	91.194	4.589	3.216	82.365	1.024	0.000	18.958	0.000	0.000	0.000	0.423
Nov	63.524	4.497	2.576	55.659	0.792	0.000	19.671	0.200	0.000	0.000	0.845
Sub- total	298.037	10.245	17.664	266.832	3.296	0.000	58.867	0.200	0.000	0.510	2.607
Total	536.204	10.245	37.452	484.100	4.408	0.000	102.773	1.350	0.000	1.310	5.506

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> Metal=7.85 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>  
(9) The actual quantities of inert C&D materials generated in December 2016 will be updated in Monthly EM&A Report for January 2017.