

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2019**

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	2.309	0.000	1.725	0.000	0.584	8.048	4.627	0.000	0.000	0.000	0.371
Feb	3.040	0.000	1.536	0.000	1.504	0.000	2.915	0.000	0.000	0.000	0.247
Mar	1.798	0.000	1.030	0.000	0.768	1.476	1.180	0.000	0.000	0.000	0.228
Apr	1.203	0.000	0.715	0.000	0.488	1.413	2.161	0.000	0.000	0.000	0.169
May	1.027	0.000	0.827	0.000	0.200	1.385	0.918	0.000	0.000	0.000	0.098
Jun	1.036	0.000	0.508	0.000	0.528	3.126	1.158	0.000	0.000	0.000	0.189
Sub-total	10.413	0.000	6.341	0.000	4.072	15.448	12.959	0.000	0.000	0.000	1.300
Jul	0.753	0.000	0.721	0.000	0.032	0.990	0.840	0.000	0.000	0.000	0.176
Aug	0.533	0.000	0.429	0.000	0.104	0.360	0.281	0.000	0.000	0.000	0.143
Sep	0.314	0.000	0.226	0.000	0.088	0.045	0.385	0.000	0.000	0.000	0.137
Oct	1.952	0.000	0.792	0.000	1.160	0.243	1.420	0.000	0.000	0.000	0.481
Nov	0.150	0.000	0.134	0.000	0.016	0.639	0.511	0.000	0.000	0.000	0.124
Dec	0.841	0.000	0.249	0.000	0.592	0.045	0.771	0.000	0.000	0.000	0.254
Sub- total	4.543	0.000	2.551	0.000	1.992	2.322	4.208	0.000	0.000	0.000	1.313
<b>Total</b>	<b>14.956</b>	<b>0.000</b>	<b>8.892</b>	<b>0.000</b>	<b>6.064</b>	<b>17.770</b>	<b>17.167</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>2.613</b>

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>

**MONTHLY SUMMARY WASTE FLOW TABLE**

Name of Department: HyD

Contract No.: HY/2011/03

**Monthly Summary Waste Flow Table for 2020**

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	(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	0.043	0.000	0.019	0.000	0.024	0.009	0.102	0.000	0.000	0.000	0.085
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.026
Mar											
Apr											
May											
Jun											
Sub-total	0.043	0.000	0.019	0.000	0.024	0.009	0.102	0.000	0.000	0.000	0.111
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Sub- total											
Total	0.043	0.000	0.019	0.000	0.024	0.009	0.102	0.000	0.000	0.000	0.111

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