## MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

Contract No.: <u>HY/2011/03</u>

## **Monthly Summary Waste Flow Table for 2017**

	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly					
Month	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 '000m³)	(in '000m <sup>3</sup> )	(in '000m³)	(in '000m <sup>3</sup> )	(in '000m³)	(in '000m³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)	
Jan	15.114	0.000	2.656	10.522	1.936	0.000	10.614	0.000	0.000	0.000	0.741	
Feb	5.494	0.000	3.320	0.910	1.264	0.000	13.291	0.000	0.000	0.000	0.663	
Mar	11.228	0.000	2.496	7.540	1.192	0.000	14.439	0.000	0.000	0.000	1.034	
Apr	12.782	0.000	3.696	8.350	0.736	0.000	14.871	0.000	0.000	0.000	0.819	
Мау	26.734	0.000	4.576	21.006	1.152	0.000	13.363	0.000	0.000	0.000	1.144	
Jun	77.205	0.000	3.424	72.469	1.312	0.000	15.565	0.000	0.000	0.900	1.983	
Sub-total	148.557	0.000	20.168	120.797	7.592	0.000	82.143	0.000	0.000	0.900	6.383	
Jul	36.924	0.000	3.888	31.732	1.304	0.000	18.490	0.600	0.000	0.000	1.027	
Aug	18.245	0.000	4.120	12.853	1.272	9.006	18.230	0.000	0.000	0.900	0.975	
Sep	6.291	0.000	4.120	1.267	0.904	10.352	19.365	0.000	0.000	0.000	1.209	
Oct												
Nov												
Dec	010.015	0.000	22.222	100.015	11.070	10.050	100.000	0.000	0.000	4.000	0.504	
Sub- total	210.017	0.000	32.296	166.649	11.072	19.358	138.228	0.600	0.000	1.800	9.594	
Total												

Forecast of Total Quantities of C&D Materials to be Generated from the Contract*											
Total Quantity Generated	Hard Rock and Large Broken Concrete	Relised	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 '000m³)	(in '000m³)	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)	
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/m³; soil = 1.8 tonnes/m³ sand=1.9 tonnes/m³ Metal=7.85 tonnes/m³
- (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>