

Name of Department: HyD

Contract No. / Works Order No.: HY/2012/08

Monthly Summary Waste Flow Table for August 2014 [to be submitted not later than the 15<sup>th</sup> day of each month following reporting month]

(All quantities shall be rounded off to 3 decimal places.)

Month	Actual Quantities of <u>Inert</u> Construction Waste Generated Monthly				
	(a)=(b)+(c)+(d)+(e) Total Quantity Generated	(b) Hard Rock and Large Broken Concrete	(c) Reused in the Contract	(d) Reused in other Projects	(e) Disposed of as Public Fill
	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)
2013 Sub-total	3.718	0.000	0.000	0.000	3.718
Jan	9.012	0.000	0.000	0.000	9.012
Feb	0.000	0.000	0.000	0.000	0.000
Mar	0.105	0.000	0.000	0.000	0.105
Apr	0.022	0.000	0.000	0.000	0.022
May	1.016	0.000	0.000	0.000	1.016
Jun	4.393	0.000	0.000	0.000	4.393
Sub-total	14.548	0.000	0.000	0.000	14.548
Jul	14.405	0.000	0.000	0.000	14.405
Aug	12.728	0.000	0.000	0.000	12.728
Sep					
Oct					
Nov					
Dec					
2014 Total	45.399	0.000	0.000	0.000	45.399

Month	Actual Quantities of <u>Inert</u> Construction Waste Generated Monthly							
	Imported Fill to WA 23 & Reclamation Area (Rockfill 400)	Imported Fill to WA 23 & Reclamation Area (Rockfill 200)	Imported Fill to WA 23 & Reclamation Area (Rockfill Type A)	Imported Fill to Reclamation Area (Public Fill) (by Barge)	Imported Fill to Reclamation Area (Public Fill) (by Truck)	Imported Fill to Barging Point	Marine Disposal (Cat. L)	Marine Disposal (Cat. M <sub>P</sub> & M <sub>F</sub> )
	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )
2013 Sub-total	211.541	2.508	19.460	0.000	0.000	45.472	61.600	18.200
Jan	177.300	4.050	8.544	0.000	0.000	124.412	34.000	12.500
Feb	143.891	27.825	5.371	0.000	0.000	81.296	18.500	24.500
Mar	257.304	53.388	27.958	113.789	0.000	63.961	37.300	40.450
Apr	198.245	10.186	41.702	191.094	0.000	26.640	28.600	15.400
May	236.816	4.612	65.308	150.749	43.718	15.165	18.700	29.150
Jun	233.430	2.856	37.103	108.667	25.433	0.000	40.700	7.700
Sub-total	1246.986	102.917	185.986	564.299	69.151	311.474	177.800	129.700
Jul	177.859	0.000	65.758	161.817	22.958	0.000	37.950	7.150
Aug	174.710	23.110	33.127	351.703	40.379	0.000	12.100	0.000
Sep								
Oct								
Nov								
Dec								
2014 Total	1811.096	128.535	304.331	1077.819	132.488	356.946	289.450	155.050

Month	Actual Quantities of <u>Non-inert</u> Construction Waste Generated Monthly								
	Metals		Paper/ cardboard packaging		Plastics (see Note 3)		Chemical Waste		Others, e.g. General Refuse disposed at Landfill
	(in '000kg)		(in '000kg)		(in '000kg)		(in '000kg)		(in '000ton)
	generated	recycled	generated	recycled	generated	recycled	generated	recycled	generated
2013 Sub-total	0.000	0.000	0.380	0.380	0.000	0.000	0.000	0.000	0.172
Jan	0.000	0.000	0.130	0.130	0.000	0.000	0.000	0.000	0.045
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.020	0.028
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036
Apr	0.000	0.000	0.160	0.160	0.000	0.000	0.000	0.000	0.026
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.030	0.030
Sub-total	0.000	0.000	0.290	0.290	0.000	0.000	0.050	0.050	0.207
Jul	0.000	0.000	0.300	0.300	0.000	0.000	0.000	0.000	0.033
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022
Sep									
Oct									
Nov									
Dec									
2014 Total	0.000	0.000	0.970	0.970	0.000	0.000	0.050	0.050	0.434

Forecast of Total Quantities of Construction and Demolition 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 of as Public Fill	Imported Fill	Marine Disposal (Cat. L)	Marine Disposal (Cat. M)
(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 ton)	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )
5.000	0.000	0.000	0.000	5.000	180.000	5.000	40.000

Forecast of Total Quantities of Construction and Demolition Materials to be Generated from the Contract*				
Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	General Refuse disposed of at Landfill
(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
0.000	0.050	0.000	0.000	0.100

- Notes:
- (1) The performance targets are given in the **ER Appendix 8J Clause 14** and the EM & A Manual(s).
  - (2) The waste flow table shall also include C&D materials 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 total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m<sup>3</sup>. (**ER Part 8 Clause 8.8.5 (d) (ii)** refers).