

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				
	a.Total Quantity Generated (see Note 8)	b. Hard Rock and Large Broken Concrete (see Note 9)	c. Reused in the Contract	d. Reused in Other Projects (see Note 12)	e. Disposed as Public Fill (see Note 10)	f. Imported Fill	g. Metals (see Note 5)	h. Paper / Cardboard Packaging (see Note 5)	i. Plastics (see Note 3) (see Note 5)	j. Chemical Waste	k. Others, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
January	24.799	0.000	0.000	12.018	12.781	0.000	29.910	0.314	0.000	1.440	0.044
February	12.073	0.000	0.000	5.159	6.914	0.000	20.850	0.473	0.003	0.000	0.022
March	15.990	0.000	0.000	4.489	11.501	0.000	90.810	0.673	0.000	2.400	0.047
April	7.596	0.000	0.000	1.606	5.990	0.000	79.070	0.669	0.000	0.000	0.066
May	14.012	0.000	3.608	6.521	3.883	0.000	8.630	0.000	0.000	2.560	0.048
June	58.988	0.000	0.010	56.981	1.997	0.000	154.600	0.586	0.000	0.000	0.057
Sub-total	133.458	0.000	3.618	86.774	43.066	0.000	383.870	2.715	0.003	6.400	0.284
July	28.566	0.000	0.000	27.504	1.062	0.000	49.660	0.912	0.000	0.000	0.044
August	40.872	2.038	0.000	37.956	2.916	0.000	58.210	0.840	0.000	1.120	0.103
September ⁽¹¹⁾	72.653	2.109	0.000	70.353	2.300	0.000	78.240	1.764	0.000	0.000	0.074
October											
November											
December											
Total	275.549	4.147	3.618	222.587	49.344	0.000	569.980	6.231	0.003	7.520	0.505

Total C&D waste generated = a+b+f+g+h+i+j+k

Total C&D waste generated (excluded excavated material) = g+h+i+j+k

Total C&D waste recycled = c+d+g+h+i

% of recycled C&D waste = (Total C&D waste generated - Total C&D waste recycled) / Total C&D waste generated

- Notes:
- (1) The performance target are given in PS Clause 6(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 50,000m³.
 - (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:
 - in-situ: rock = 2.5 tonnes/m³; soil = 2.0 tonnes/m³
 - excavated: rock = 2.0 tonnes/m³; soil = 1.8 tonnes/m³; broken concrete and bitumen = 2.4 tonnes/m³
 - C&D Waste = 0.9 tonnes/m³; bentonite slurry = 2.8 tonnes/m³
 - Diesel density: 0.8kg/l
 - (7) Numbers are rounded off to the nearest three decimal places.
 - (8) The "Total Quantity Generated" equals to the sum of "Reuse in the Contract", "Reuse in Other Projects" and "Disposed as Public Fill".
 - (9) The "Hard Rock and Large Broken Concrete" were disposed as public fill.
 - (10) The amount in "Disposed as Public Fill" included the "Hard Rock and Large Broken Concrete" disposed as public fill.
 - (11) The actual quantity of Metals (Item g) and Paper/Cardboard Packaging (Item h) generated from the Contractor in September 2015 have been updated according to the latest information provided by the Contractor in October 2015.
 - (12) The item d "Reused in Other Project" includes the quantities of treated excavated sediment, sand, etc. Other project refers to Contract No. HY/2010/02.

Monthly Summary of Marine Sediment for 2015

Month	a. Estimated Volume of Marine Sediment Generated (m³)	b. Estimated Volume of Accumulated Treated Marine Sediment (m³)	c. Reused in the Contract (m³)	d. Estimated Volume of Reused Marine Sediment in Other Project (m³)⁽²⁾	e. Estimated Volume of Treated Marine Sediment Stored on Site (Unused) (m³)
Jan 2015	5,516	11,970	0	11,970	0
Feb 2015	3,227	5,159	0	5,159	0
Mar 2015	3,402	4,489	0	4,489	0
Apr 2015	2,716	1,606	0	1,606	0
May 2015	1,120	3,496	0	3,496	0
June 2015	539	2,841	0	1,641	1,200
July 2015	0	0	0	0	1,200
Aug 2015	0	0	0	0	1,200
Sept 2015	0	0	0	0	1,200
Total	16,520	29,561	0	28,361	1200⁽¹⁾

Note: (1) It presents the quantity of unused treated marine sediment stored on site during the reporting month.

(2) Other project refers to Contract No. HY/2010/02.