Name of Department: Highways Department

Contract No.: HY/2013/01



Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly b. Hard e. k. Others, Rock d. Reused h. Paper / a.Total c. Reused Disposed i. Plastics f. Imported and Large in Cardboard Chemical e.q. Quantity a. Metals Month in the as Public (see Note 3) Other Fill Waste (see Note 5) Packaging general Broken Generated (see Note 5) Contract Fill (see Note 8) **Projects** (see Note 5) Concrete refuse (see Note 10) (see Note 9) (in '000m³) (in '000m³) (in '000m³) (in '000kg) (in '000kg) (in '000kg) (in '000kg) (in '000m³) (in '000m³) (in '000m³) (in '000m³) 55.920 0.046 0.046 0.000 0.000 0.046 0.000 1.564 0.000 0.000 0.707 January February 0.364 0.000 0.364 56.790 1.785 0.000 0.000 0.625 0.364 0.000 0.000 0.000 1.477 March 0.957 0.957 0.000 0.957 3.152 85.350 0.000 0.000 0.813 April 0.487 0.487 0.000 0.000 0.487 30.030 144.450 1.412 0.000 0.090 0.709 1.807 1.807 0.000 0.000 1.807 0.000 46.300 0.000 0.000 0.000 0.737 Mav 3.140 3.140 0.000 0.000 3.140 0.000 117.810 0.000 0.000 0.000 0.595 June 6.801 6.801 0.000 0.000 6.801 33.182 506.620 6.238 0.000 0.090 4.186 Sub-total 1.780 1.780 0.000 0.000 0.000 0.664 1.780 177.660 2.856 0.000 0.800 July 0.000 0.000 0.740 0.000 August 1.190 1.190 0.000 1.190 0.000 21.140 1.168 0.679 0.000 0.679 September 0.679 0.000 0.000 36.090 1.516 0.000 0.000 1.015 October* 0.000 0.000 0.000 8.310 0.000 0.000 0.000 1.200 0.410 0.410 0.410 1.068 1.068 0.000 0.000 1.068 0.000 57.750 2.028 0.000 0.000 1.441 November December 0.000 807.570 11.928 11.928 0.000 11.928 33.182 13.806 0.000 0.890 9.246 Total

Monthly Summary Waste Flow Table for 2017

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

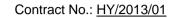
Total C&D waste generated (excluded excavated material) = g+h+i+j+k

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

Monthly Summary Waste Flow Table for 2017

Name of Department: Highways Department





Notes: * The items (a) and (e) had been updated for October 2017. The updates on quantities of items (a) and (e) have been confirmed with the Contractor and RSS.

- (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

Monthly Summary Waste Flow Table for 2017