

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 | 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 | 72.653 | 2.109 | 0.000 | 70.353 | 2.300 | 0.000 | 47.380 | 0.880 | 0.000 | 0.000 | 0.074 |
| October | | | | | | | | | | | |
| November | | | | | | | | | | | |
| December | | | | | | | | | | | |
| Total | 275.549 | 4.147 | 3.618 | 222.587 | 49.344 | 0.000 | 539.120 | 5.347 | 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