

Name of Department: HyD

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

Monthly Summary Waste Flow Table for December 2013 [to be submitted not later than the 15th 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 | Imported Fill to WA 23 & Reclamation Area (Rockfill 400) | Imported Fill to WA 23 & Reclamation Area (Rockfill Type A) | Imported Fill to RTT Barging Point | 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 ton) | (in '000 ton) | (in '000 m ³) | (in '000 m ³) |
| Jan | | | | | | | | | | |
| Feb | | | | | | | | | | |
| Mar | | | | | | | | | | |
| Apr | | | | | | | | | | |
| May | | | | | | | | | | |
| Jun | | | | | | | | | | |
| Sub-total | | | | | | | | | | |
| Jul | | | | | | | | | | |
| Aug | | | | | | | | | | |
| Sep | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.820 | 0.788 | 0.000 | 0.000 | 0.000 |
| Oct | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 18.667 | 3.328 | 0.000 | 0.000 | 0.000 |
| Nov | 2.835 | 0.000 | 0.000 | 0.000 | 2.835 | 45.929 | 1.520 | 0.000 | 21.100 | 13.200 |
| Dec | 0.883 | 0.000 | 0.000 | 0.000 | 0.883 | 145.125 | 13.824 | 45.472 | 40.500 | 5.000 |
| Total | 3.718 | 0.000 | 0.000 | 0.000 | 3.718 | 211.541 | 19.460 | 45.472 | 61.600 | 18.200 |

| 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 |
| Jan | | | | | | | | | |
| Feb | | | | | | | | | |
| Mar | | | | | | | | | |
| Apr | | | | | | | | | |
| May | | | | | | | | | |
| Jun | | | | | | | | | |
| Sub-total | | | | | | | | | |
| Jul | | | | | | | | | |
| Aug | | | | | | | | | |
| Sep | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 |
| Oct | 0.000 | 0.000 | 0.120 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Nov | 0.000 | 0.000 | 0.130 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.152 |
| Dec | 0.000 | 0.000 | 0.130 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.012 |
| Total | 0.000 | 0.000 | 0.380 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.172 |

| 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 ³) | (in '000 m ³) |
| 10.000 | 0.000 | 0.000 | 0.000 | 10.000 | 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 ³) |
| 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 m³. (**ER Part 8 Clause 8.8.5 (d) (ii)** refers).