

Appendix M

Waste Flow Table

Monthly Summary Waste Flow Table

Name of Department: HyD

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

Monthly Summary Waste Flow Table for **November 2020** [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 | Monthly Break-down of <u>Inert</u> Construction & Demolition Materials (i.e. Public Fill Materials) | | | | |
|--------------------------|---|--|-------------------------------|---------------------------------|-----------------------------------|
| | (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) |
| Sub-total | 3008.812 | 0.000 | 336.902 | 889.467 | 1782.443 |
| Jan-2020 | 174.69 | 0.000 | 0.000 | 0.000 | 174.69 |
| Feb-2020 | 1.455 | 0.000 | 0.000 | 0.000 | 1.455 |
| Mar-2020 | 3.252 | 0.000 | 0.000 | 0.000 | 3.252 |
| Apr-2020 | 4.200 | 0.000 | 0.000 | 0.000 | 4.200 |
| May-2020 | 7.015 | 0.000 | 0.000 | 0.000 | 7.015 |
| Jun-2020 | 2.670 | 0.000 | 0.000 | 0.000 | 2.693 |
| Half Year Sub-total | 193.282 | 0.000 | 0.000 | 0.000 | 193.305 |
| Jul-2020 | 1.440 | 0.000 | 0.000 | 0.000 | 1.440 |
| Aug-2020 | 1.159 | 0.000 | 0.000 | 0.000 | 1.159 |
| Sep-2020 | 0.074 | 0.000 | 0.000 | 0.000 | 0.074 |
| Oct-2020 | 0.253 | 0.000 | 0.000 | 0.000 | 0.253 |
| Nov-2020 | 0.251 | 0.000 | 0.000 | 0.000 | 0.251 |
| Dec-2020 | | | | | |
| Project Total Quantities | 3205.271 | 0.000 | 336.902 | 889.467 | 1978.925 |

| 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 | Disposed | generated |
| Sub-total | 9890.77 | 9890.77 | 14.64 | 14.64 | 16.84 | 16.84 | 85.807 | 85.807 | 21.943 |
| Jan-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 |
| Feb-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.349 |
| Mar-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.226 |
| Apr-2020 | 22.14 | 22.14 | 1.30 | 1.30 | 0.00 | 0.00 | 6.40 | 6.40 | 0.521 |
| May-2020 | 6.2 | 6.2 | 0.54 | 0.54 | 0.00 | 0.00 | 0.60 | 0.60 | 0.536 |
| Jun-2020 | 0.00 | 0.00 | 0.74 | 0.74 | 0.00 | 0.00 | 1.00 | 1.00 | 0.303 |
| Half Year Sub-total | 28.34 | 28.34 | 2.58 | 2.58 | 0.00 | 0.00 | 8.00 | 8.00 | 5.475 |
| Jul-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.140 |
| Aug-2020 | 0.00 | 0.00 | 1.06 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.110 |
| Sep-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.100 |
| Oct-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.145 |
| Nov-2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.167 |
| Dec-2020 | | | | | | | | | |
| Project Total Quantities | 9919.11 | 9919.11 | 18.28 | 18.28 | 16.84 | 16.84 | 93.807 | 93.807 | 28.070 |

| 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 |
| (in '000 ton) | (in '000 ton) | (in '000 ton) | (in '000 ton) | (in '000 ton) |
| 3200.000 | 0.000 | 350.000 | 1000.000 | 2000.000 |

| 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 '000 ton) |
| 10000.00 | 20.00 | 18.00 | 120.00 | 30.000 |

- 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).