## MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD
Monthly Summary Waste Flow Table for 2018

| Month | Actual Quantities of Inert C\&D Materials Generated Monthly |  |  |  |  |  | Actual Quantities of C\&D Wastes Generated Monthly |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract (Note 8) | Reused in Other Projects (Note 8) | Disposed as Public Fill (Note 6) | Imported Fill <br> (Note 6) | Metals | Paper / <br> Cardboard <br> Packaging | Plastics (Note 3) | Chemical Waste | Others, e.g. general refuse (Note 8) |
|  | (in ${ }^{(0000}{ }^{3}$ ) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\text {2 }} 000 \mathrm{~kg}$ ) | (in ${ }^{\prime} 000 \mathrm{~kg}$ ) | (in ${ }^{\prime} 000 \mathrm{~kg}$ ) | (in '000kg) | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) |
| Jan | 33.109 | 0.000 | 3.896 | 22.373 | 6.840 | 15.246 | 11.340 | 0.000 | 0.000 | 0.000 | 2.503 |
| Feb | 8.294 | 0.000 | 3.304 | 1.774 | 3.216 | 0.000 | 19.130 | 0.000 | 0.000 | 0.000 | 0.871 |
| Mar | 12.043 | 0.000 | 3.056 | 4.643 | 4.344 | 0.000 | 10.540 | 0.000 | 0.000 | 0.000 | 1.274 |
| Apr | 7.064 | 0.000 | 2.568 | 0.656 | 3.840 | 0.822 | 19.760 | 0.000 | 0.000 | 0.000 | 1.931 |
| May | 3.176 | 0.000 | 2.408 | 0.512 | 0.256 | 1.003 | 22.430 | 0.000 | 0.000 | 0.000 | 1.554 |
| Jun |  |  |  |  |  |  |  |  |  |  |  |
| Sub-total | 63.686 | 0.000 | 15.232 | 29.958 | 18.496 | 17.071 | 83.200 | 0.000 | 0.000 | 0.000 | 8.132 |
| Jul |  |  |  |  |  |  |  |  |  |  |  |
| Aug |  |  |  |  |  |  |  |  |  |  |  |
| Sep |  |  |  |  |  |  |  |  |  |  |  |
| Oct |  |  |  |  |  |  |  |  |  |  |  |
| Nov |  |  |  |  |  |  |  |  |  |  |  |
| Dec |  |  |  |  |  |  |  |  |  |  |  |
| Sub- total |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |


| Forecast of Total Quantities of C\&D 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 as Public Fill | Imported Fill | Metals | Paper / <br> Cardboard <br> Packaging | Plastics (see Note 3) | Chemical Waste | Others, e.g. general refuse |
| (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{\text {2 }} 000 \mathrm{~m}^{3}$ ) | (in ${ }^{0} 000 \mathrm{~m}^{3}$ ) | $\begin{gathered} \text { (in } \\ \left.000 \mathrm{~m}^{3}\right) \end{gathered}$ | $\begin{gathered} \hline \text { (in } \\ \left.{ }^{\prime} 000 \mathrm{~m}^{3}\right) \end{gathered}$ | $\begin{array}{c\|} \hline \hline \text { (in } \\ \left.\prime 000 \mathrm{~m}^{3}\right) \\ \hline \end{array}$ | $\begin{gathered} \hline \hline \text { (in } \\ \text { '000kg) } \end{gathered}$ | (in '000kg) | (in '000kg) | $\begin{gathered} \hline \hline \text { (in } \\ \left.{ }^{\prime} 000 \mathrm{~kg}\right) \\ \hline \end{gathered}$ | (in ${ }^{\prime} 000 \mathrm{~m}^{3}$ ) |
| 310.805 | 21.788 | 224.130 | 40.265 | 24.622 | 1362.000 | 10.000 | 4.600 | 0.500 | 3.400 | 2.350 |

Notes: (1) The performance target are given in ER Appendix 8J Clause 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 $50,000 \mathrm{~m}^{3}$.
(5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for
(6) Conversion factors for reporting purpose:
excavated (bulk): rock $=2.0$ tonnes $/ \mathrm{m}^{3}$; soil $=1.8$ tonnes $/ \mathrm{m}^{3}$, sand $=1.9$ tonnes $/ \mathrm{m}^{3}$ Metal=7.85tonnes $/ \mathrm{m}^{3}$
(7) Numbers are rounded off to the nearest three decimal places
(8) 30T dump truck carries C\&D waste of $8.0 \mathrm{~m}^{3}$; 24 T dump truck carries C\&D waste of $6.5 \mathrm{~m}^{3}$

