

# Appendix K Waste Flow Table

**Monthly Summary Waste Flow Table for Year 2020**

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	Soil	Soil Reused in the Contract	Soil Reused in other Projects	Soil Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging (Note 3)	Plastics	Chemical Waste	General Refuse (Note 2)
Unit	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in m <sup>3</sup> )	(in '000m <sup>3</sup> )
Jan-20	0.280	-	0.280	-	-	0.280	-	-	-	-	-	0.015
Feb-20	0.069	-	0.069	-	-	0.069	-	-	-	-	-	0.020
Mar-20	0.089	-	0.089	-	-	0.089	-	-	-	-	-	0.025
Apr-20	0.298	-	0.298	-	-	0.298	-	-	-	-	-	0.010
May-20	0.167	-	0.167	-	-	0.167	-	-	-	-	-	0.015
Jun-20	0.004	-	0.004	-	-	0.004	-	-	-	-	-	0.010
Sub-Total	0.907	-	0.907	-	-	0.907	-	-	-	-	-	0.095
Jul-20	0.164	-	0.164	-	-	0.164	-	-	-	-	-	0.010
Aug-20	0.103	-	0.103	-	-	0.103	-	-	-	-	-	0.010
Sep-20	0.149	-	0.149	-	-	0.149	-	-	-	-	-	0.010
Oct-20	0.000	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Nov-20	0.004	-	0.004	-	-	0.004	-	-	-	-	-	0.000
Dec-20												
Total	1.327	-	1.327	-	-	1.327	-	-	-	-	-	0.125

- Note:
1. Assume the density of soil fill is 2 ton/m<sup>3</sup>.
  2. Assume the density of rock and broken concrete is 2.5 ton/m<sup>3</sup>.
  3. Assume each truck of C&D wastes is 5m<sup>3</sup>.
  4. The inert C&D materials except slurry and bentonite are disposed at Tuen Mun 38.
  5. The slurry and bentonite are disposed at Tseung Kwun O 137.
  6. The non-inert C&D wastes are disposed at NENT.
  7. Assume the density of metal is 7,850 kg/m<sup>3</sup>.
  8. Assume the density of plastic is 941 kg/m<sup>3</sup>.
  9. Assume the density of paper is 800 kg/m<sup>3</sup>.