

### Monthly Summary Waste Flow Table for 2021

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	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Others, e.g. general refuse
	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m3)
Jan	10.034	0.000	0.000	8.257	1.777	0.606	0.000	0.000	0.002	0.000	0.038
Feb	3.703	0.000	0.000	2.871	0.833	0.071	2.120	0.000	0.000	0.000	0.024
Mar	4.644	0.000	0.000	2.190	2.454	0.037	0.000	0.000	0.006	0.000	0.044
Apr	0.211	0.000	0.023	0.000	0.188	0.167	0.000	0.000	0.008	0.000	0.042
May	0.557	0.000	0.218	0.000	0.340	0.149	0.001	0.002	0.008	0.000	0.081
Jun	0.370	0.000	0.023	0.000	0.348	0.074	8.210	0.000	0.000	0.000	0.069
<b>Sub-total</b>	<b>19.519</b>	<b>0.000</b>	<b>0.263</b>	<b>13.317</b>	<b>5.939</b>	<b>1.103</b>	<b>10.331</b>	<b>0.002</b>	<b>0.023</b>	<b>0.000</b>	<b>0.299</b>
Jul	0.000	0.000	0.000	0.000	0.592	0.058	0.000	0.000	0.010	0.000	0.046
Aug											
Sep											
Oct											
Nov											
Dec											
<b>Total</b>	<b>19.519</b>	<b>0.000</b>	<b>0.263</b>	<b>13.317</b>	<b>6.531</b>	<b>1.161</b>	<b>10.331</b>	<b>0.002</b>	<b>0.033</b>	<b>0.000</b>	<b>0.344</b>

- Notes:
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 the density of general refuse is 0.9 ton/m<sup>3</sup>.
  4. Assume density of waste oil is assumed to be 0.8 kg/L.
  5. The inert C&D materials except slurry and bentonite are disposed at Tuen Mun 38.
  6. The slurry and bentonite are disposed at Tseung Kwun O 137.
  7. The non-inert C&D wastes are disposed at NENT.

**Monthly Summary Waste Flow Table for 2021**

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	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Others, e.g. general refuse
	(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 '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
Jan	0.836	0.000	0.000	0.000	0.836	0.301	21.25	0.000	0.002	0.000	0.006
Feb	0.911	0.000	0.000	0.000	0.911	0.376	39.35	0.000	0.000	0.000	0.007
Mar	0.954	0.000	0.000	0.000	0.954	0.202	0.00	0.000	0.003	0.000	0.016
Apr	0.550	0.000	0.000	0.046	0.504	0.000	0.00	0.000	0.008	0.000	0.009
May	1.368	0.000	0.000	0.149	1.220	0.000	0.00	0.000	0.008	0.000	0.012
Jun	0.670	0.000	0.000	0.074	0.596	0.000	0.00	0.010	0.000	0.000	0.012
<b>Sub-total</b>	<b>5.290</b>	<b>0.000</b>	<b>0.000</b>	<b>0.269</b>	<b>5.021</b>	<b>0.879</b>	<b>60.60</b>	<b>0.010</b>	<b>0.020</b>	<b>0.000</b>	<b>0.062</b>
Jul	2.818	0.000	0.000	0.058	2.760	0.000	0.00	0.000	0.010	0.000	0.011
Aug											
Sep											
Oct											
Nov											
Dec											
<b>Total</b>	<b>8.107</b>	<b>0.000</b>	<b>0.000</b>	<b>0.327</b>	<b>7.780</b>	<b>0.879</b>	<b>60.60</b>	<b>0.010</b>	<b>0.030</b>	<b>0.000</b>	<b>0.073</b>

- Notes:
1. Assume the density of soil fill and special waste (i.e. sediment from DSD sedimentation tank) 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 the density of general refuse is 0.9 ton/m<sup>3</sup>
  4. Density of waste oil is assumed to be 0.8 kg/L. Chemical waste includes waste oil.
  5. The inert C&D materials except slurry and bentonite are disposed at Tuen Mun 38
  6. The slurry and bentonite are disposed at Tseung Kwun O 137
  7. The non-inert C&D wastes, including general refuse & special waste (i.e. sediment from DSD sedimentation tank) are disposed at NENT

**Monthly Summary Waste Flow Table for 2021 (year)**

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	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(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 '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
Jan	9.53 T	0	0	0	9.53 T	0	0	0	0	0	
Feb	3.47T	0	0	0	3.47 T	0	0	0	0	0	
Mar	14.79T	0	0	0	14.79T	0	0	0	0	0	
Apr	7.21T	0	0	0	7.21T	0	0	0	0	0	
May	11.34T	0	0	0	11.34T	0	0	0	0	0	
June	328.08T	0	0	0	328.08T	0	0	0	0	0	
Sub-total	374.42T	0	0	0	374.42T	0	0	0	0	0	
July	579.34T	0	0	0	579.34T	0	0	0.131	0.007	0	
Aug											
Sept											
Oct											
Nov											
Dec											
<b>Total</b>	<b>953.76T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>953.76T</b>	<b>0</b>	<b>0</b>	<b>0.131</b>	<b>0.007</b>	<b>0</b>	

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/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(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 '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA

- Notes:
- (1) The performance targets are given in PS Clause 6A.27.8(14).
  - (2) The waste flow table shall also include C&D materials that are 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 total amount of C&D materials expected to be generated from the Works, together with a breakdown 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 m<sup>3</sup>. (PS Clause 6.21.7(4)(b) refer

**Monthly Summary Waste Flow Table for 2021** (year)

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	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. general refuse
	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000 kg)
Jan	230.16	0	0	0	230.16	0	0	0	0	0	1.54
Feb	175.98	0	100	0	75.98	0	0	0	0	0	3.63
Mar	11.98	0	0	0	11.98	0	0	0	0	0	1.35
Apr	0	0	0	0	0	0	0	0	0	0	1.48
May	0	0	0	0	0	0	0	0	0	0	3.25
June	0	0	0	0	0	0	0	0	0	0	2.01
Sub-total	418.12	0	100	0	318.12	0	0	0	0	0	13.26
July	0	0	0	0	0	0	0	0	0	0	4.21
Aug											
Sept											
Oct											
Nov											
Dec											
Total	418.12	0	100	0	318.12	0	0	0	0	0	17.47

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/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000 kg)
918.24	0	200	0	718.24	0	0	4.75	0	0	40.76

- Notes:
- (1) The performance targets are given in PS Clause 6.21.8(14).
  - (2) The waste flow table shall also include C&D materials that are 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