

Appendix H

Waste Flow Table

Monthly Summary Waste Flow Table

Name of Department: WSD Contract No. / Works Order No.: 13/WSD/16

Monthly Summary Waste Flow Table for January 2022

Month	Actual Quantities of <u>Inert</u> Construction Waste Generated Monthly					
	Total Quantity Generated (see Note 4)	Hard Rock and Large Broken Concrete (see Note 3)	Reused in the Contract	Reused in other Projects	Disposed of as Public Fill	Imported Fill (see Note 1)
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)
2018	1.157	0.063	0.000	0.000	1.157	0.518
2019	5.178	0.043	2.211	0.000	2.520	3.200
2020	13.173	1.506	0.291	0.000	12.878	1.323
2021	24.384	1.479	2.582	0.000	22.081	8.399
Jan-2022	2.342	0.145	0.000	0.000	2.014	0.328
Feb-2022						
Mar-2022						
Apr-2022						
May-2022						
Jun-2022						
Jul-2022						
Aug-2022						
Sep-2022						
Oct-2022						
Nov-2022						
Dec-2022						
Total for 2022	2.342	0.145	0.000	0.000	2.014	0.328

Month	Actual Quantities of <u>Non-inert</u> Construction Waste Generated Monthly				
	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. General Refuse disposed at Landfill
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
2018	0.000	0.417	0.000	0.000	0.139
2019	0.000	0.062	0.000	0.000	0.102
2020	0.000	0.606	0.000	0.000	0.043
2021	0.000	0.600	0.000	0.000	0.046
Jan-2022	0.000	0.065	0.000	0.000	0.006
Feb-2022					
Mar-2022					
Apr-2022					
May-2022					
Jun-2022					
Jul-2022					
Aug-2022					
Sep-2022					
Oct-2022					
Nov-2022					
Dec-2022					
Total for 2022	0.000	0.065	0.000	0.000	0.006

Notes:

1. The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
2. Plastic refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
3. Broken concrete for recycling into aggregate.

4. "Total Quantity Generated" only refers to the actual quantities of inert C&D materials generated monthly excluding those that will be recycled (Hard Rock and Large Broken Concrete, reused in the Contract, Reused in other Projects). Imported fill will not be included in "Total Quantity Generated" as those C&D materials are not generated from this project.
5. C&D materials in tonnes are converted to meter cube (m³) on a scale of 0.5.
6. Source and types of Imported Fill in the reporting month
 - i. K. Wah Quarry Company Limited: (Soil) 0 m³ (0 tonnes/0 cars)
 - ii. K. Wah Quarry Company Limited: (Sub-base) 176.795 m³ (353.59 tonnes/7 car)
7. Hard Rock and Large Broken Concrete are disposed to public fill, the breakdown of C&D materials disposed to public fill is shown as below:

Type of C&D Materials	Description of C&D Materials	C&D Waste Disposed (Volume) (m ³)
Inert	Bentonite	46.40
	Broken Concrete	41.10
	Broken Rock	104.25
	Mixed Construction Waste (>50% inert)	0.00
	Building Debris	0.00
	Mixed Rock and Soil	1324.55
	Reclaimed Asphalt Pavement	101.15
	Slurry	121.00
	Soil	277.85
	TOTAL =	2016.3
Non-inert	TOTAL =	5.25