Demolition/ Construction Waste Reduction

Project: Lamma Power Station Extension Civil and Building Works for Unit 13

Type of Works: Civil and Building Works

Record by: China Harbour Engineering Company Limited

Year of Record: 2025

Objective: Encourage best practices in the management of waste, including sorting, recycling, and disposal of demolition/ construction waste.

Monthly Waste Flow Table

Month	Total Quantity	Total Quantity	Actual Quantities of Inert C&D Materials Generated Monthly								Actual Quantities of C&D Materials Generated Monthly						Remarks
			Excavated Materials			Non-excavated Materials					Metals	Metals	Paper /	Plastics	Chemical	Other, e.g.	
	Generated	Generated	Disposed	Disposed in		Broken	Reused in	Reused in	Disposed	Disposed	(steel bar /	(aluminum	cardboard	(1) & (4)	waste	general	
		(Excluded Excavated	in Public	Sorting	Reused in	Concrete or	the	Other	in Public	in Sorting	metal strip)	can) (1)	packaging /		(wasted	refuse	
		Material)	Fill	Facilities	the	Constructio	Contract	Projects	Fill	Facilities	(1)		Wooden		lubricant		
		iviateriai)			Contract /	n Waste							product (1)		oil/oil		
					Other	Collected							(1)		container)		
					Projects)	by Recycled Company											
	(" - I000I -)	(" - 10001 -)	(' · 10001 ·)	('- 10001 -)	('- 10001 -)		(' - 10001 ·)	(' - 10001 -)	(" - 10001 -)	(' - 10001 -)	(': 10001 -)	(' 10001 -)	(" · 10001 ·)	(' 10001 -)	(' 1000 -)	(: 10001 -)	
	(in '000kg) a1	(in '000kg) a2	(in 000kg)	(in 000kg)	(in OUOKg)	(in '000kg)	(in 000kg)	(in '000kg)	(in 000kg)	g (in '000kg)	(in 000kg)	(in '000kg)	(in '000kg)	(in 000kg)	(in 000kg)	(in 'UUUKg) m	
Jun-25	79.76	79.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.59	0.00	0.00	0.00	0.00	64.17	
Jul-25	1928.20	3.49	0.00	0.00	1924.71	0.00	0.00	0.00	0.00	0.00	3.49	0.00	0.00	0.00	0.00	0.00	
Jul-23	1920.20	3.49	0.00	0.00	1324.71	0.00	0.00	0.00	0.00	0.00	3.43	0.00	0.00	0.00	0.00	0.00	
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Total	2007.96	83.25	0.00	0.00	1924.71	0.00	0.00	0.00	0.00	0.00	19.08	0.00	0.00	0.00	0.00	64.17	

Total C&D waste generated
Total C&D waste generated (excluded excavated materials)
Total recycled C&D waste
% of recycled C&D waste

2007.96 tonnes a1=b+c+d+e+f+g+h+i+j+k+l+m 83.25 tonne a2=c+d+e+f+g+h+i+j+k+l+m 19.08 tonne a3=c+d+e+h+i+j+k 22.92 % a4=a3/a2 x 100%

Notes:

- (1) metal, paper & plastic were collected by recycler
- (2) The performance target of waste recycling are specified in the Contract.
- (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
- (5) Broken concrete for recycling into aggregates.
- (6) Excavated materials/waste will NOT be considered as part of construction waste. It should be excluded in the calculation.
- (7) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.