## **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	Total Quantity	Actual Quantities of Inert C&D Materials Generated Monthly								Actual Quantities of C&D Materials Generated Monthly						Remarks
	Quantity		Excavated Materials			Non-excavated Materials					Metals	Metals	Paper /	Plastics	Chemical	Other, e.g.	i
	Generated		Disposed	Disposed in	Others (e.g	Broken	Reused in	Reused in	Disposed	Disposed	(steel bar /	(aluminum	cardboard	(1) & (4)	waste	general	
		(Excluded	in Public	Sorting		Concrete or	the	Other	in Public	in Sorting	metal strip)	can) (1)	packaging /		(wasted	refuse	
		Excavated	Fill	Facilities	the	Constructio	Contract	Projects	Fill	Facilities	(1)	<b>'</b>	Wooden		lubricant		
		Material)			Contract /	n Waste		,					product		oil/oil		
					Other	Collected							(1)		container)		
						by Recycled											
					,,,,,	Company											
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	
	a1	a2	b	b	b	С	d	е	f	g	h	i	j	k	I	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	1882.99	1882.99	0.00	0.00	0.00	1879.50	0.00	0.00	0.00	0.00	3.49	0.00	0.00	0.00	0.00	0.00	
Aug-25	10107.82	17.02	0.00	0.00	10090.80	0.00	0.00	0.00	0.00	0.00	3.80	0.00	0.00	0.00	0.00	13.22	
Sep-25	2317.20	2.50	0.00	0.00	2314.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	
Oct-25	3799.12	73.42	0.00	0.00	3725.70	0.00	0.00	0.00	0.00	0.00	23.85	0.00	0.00	0.00	0.00	49.57	
Total	18186.89	2055.69	0.00	0.00	16131.20	1879.50	0.00	0.00	0.00	0.00	46.73	0.00	0.00	0.00	0.00	129.46	
i Ulai	10100.09	2000.09	0.00	0.00	10131.20	107 3.30	0.00	0.00	0.00	0.00	40.73	0.00	0.00	0.00	0.00	123.40	

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

18186.89 tonnes a1=b+c+d+e+f+g+h+i+j+k+l+m 2055.69 tonne a2=c+d+e+f+g+h+i+j+k+l+m 1926.23 tonne a3=c+d+e+h+i+j+k 93.70 % 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.