

Appendix F1 - Waste Flow Table for CCGT Unit No. 1

Monthly Summary Waste Flow Table for 2021

Month	Actual Quantities of Inert C&D Materials Generated Monthly ⁽¹⁾					Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Broken Concrete ⁽⁵⁾	Reused in the Contract	Reused in other Projects	Disposed as Public Fill ⁽³⁾	Metals	Paper/ cardboard packaging	Plastics ⁽²⁾	Chemical Waste ⁽⁴⁾	Others, e.g. general refuse ⁽³⁾
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000kg)	(in '000kg)	(in '000kg)	(in'000 kg)	(in '000m ³)
Jan-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Feb-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mar-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Apr-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jul-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aug-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oct-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total (2021)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	29.871	0.554	0.048	0.000	29.269	200.162	0.004	0.750	0.180	0.303
2018	33.640	0.000	2.000	0.119	31.522	316.251	0.000	0.000	0.000	0.992
2019	72.722	0.000	4.844	0.000	67.878	730.260	0.000	0.000	0.400	2.137
2020	3.640	0.000	0.000	0.000	3.640	0.000	0.000	0.000	3.100	0.992
Cumulative	139.873	0.554	6.892	0.119	132.308	1246.673	0.004	0.750	3.680	4.425

Notes:

- (1) Inert C&D materials include bricks, concrete, building debris, rubble and excavated spoil.
- (2) Plastics refer to plastic bottles/containers, plastic sheets/foam form packaging material.
- (3) Density Assumption: 1.6(kg/l) for Public Fill and 0.9(kg/l) for General Refuse.
- (4) Chemical waste includes waste oil and spent pipes with lubricating oil. Density of waste oil is assumed to be 0.8 kg/L.
- (5) Density of broken concrete is assumed to be 2.5 ton/m³.
- (6) The cut-off data for waste management data is 31 May 2021.
- (7) The waste flow data for January 2020 has been updated based on Contractor's revised waste flow information.