

Appendix F2 - Waste Flow Table for CCGT Unit No. 2

Monthly Summary Waste Flow Table for 2021

Month	Actual Quantities of Inert C&D Materials Generated Monthly <sup>(1)</sup>					Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Broken Concrete <sup>(5)</sup>	Reused in the Contract	Reused in other Projects	Disposed as Public Fill <sup>(3)</sup>	Metals	Paper/ cardboard packaging	Plastics <sup>(2)</sup>	Chemical Waste <sup>(4)</sup>	Others, e.g. general refuse <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'000 kg)	(in '000m <sup>3</sup> )
Jan-21	3.015	0.000	1.856	0.000	1.158	9.500	0.000	0.000	0.000	0.006
Feb-21	5.791	0.000	4.641	0.000	1.150	0.000	0.000	0.000	0.000	0.016
Mar-21	1.386	0.000	0.338	0.000	1.049	0.000	0.000	0.000	1.120	0.072
Apr-21	1.578	0.000	0.000	0.000	1.578	10.850	0.000	0.000	0.000	0.009
May-21	1.512	0.000	0.000	0.000	1.512	0.000	0.000	0.000	0.000	0.023
Jun-21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Sub-total</b>	<b>13.281</b>	<b>0.000</b>	<b>6.834</b>	<b>0.000</b>	<b>6.447</b>	<b>20.350</b>	<b>0.000</b>	<b>0.000</b>	<b>1.120</b>	<b>0.126</b>
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
<b>Total (2021)</b>	<b>13.281</b>	<b>0.000</b>	<b>6.834</b>	<b>0.000</b>	<b>6.447</b>	<b>20.350</b>	<b>0.000</b>	<b>0.000</b>	<b>1.120</b>	<b>0.126</b>
<b>2020</b>	<b>7.095</b>	<b>0.602</b>	<b>5.250</b>	<b>0.001</b>	<b>1.243</b>	<b>226.030</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.029</b>
<b>Cumulative</b>	<b>20.377</b>	<b>0.602</b>	<b>12.084</b>	<b>0.001</b>	<b>7.690</b>	<b>246.380</b>	<b>0.000</b>	<b>0.000</b>	<b>1.120</b>	<b>0.155</b>

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. Density of waste oil is assumed to be 0.8 kg/L.
- (5) Density of broken concrete is assumed to be 2.5 ton/m<sup>3</sup>.
- (6) The cut-off data for waste management data is 31 May 2021.