

Monthly Summary Waste Flow Table for 2023

Contract No.: 21/WSD/21

Contract Title: Relocation of Diamond Hill Fresh Water and Salt Water Service Reservoirs to Caverns

Month	Actual Quantities of Inert C&D Materials Generated / Imported (in '000m ³)						Actual Quantities of C&D Wastes Generated					Actual Quantities of C&D Wastes Recycled				
	Total Quantity Generated	Broken Concrete (including rock for recycling into aggregates)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported C&D Material		Paper/ cardboard packaging	Plastics (bottles/containers,pla stic sheets/foam package material)	Chemical Waste	Others, e.g. general refuse		Paper/ cardboard packaging	Plastics (bottles/co ntainers,pl astic sheets/foa m package material)		
	(a+b+c+d)	(a)	(b)	(c)	(d)		Metals					Metals			Yard Waste	Others
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)	(in '000m ³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)	(in '000m ³)
Jan-23	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000
Feb-23	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000
Mar-23	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.00000
Apr-23	0.05712	0.00000	0.00000	0.00000	0.05712	0.00000	0.0000	0.00000	0.00000	0.00000	0.20064	0.0000	0.00000	0.00000	0.00686	0.00000
May-23	0.95983	0.00000	0.00000	0.00000	0.95983	0.00000	0.0000	0.00000	0.00000	0.00000	0.02408	0.0000	0.00000	0.00000	0.00000	0.00000
Jun-23	0.14853	0.00000	0.00000	0.00000	0.14853	0.00000	0.0000	0.00000	0.00000	0.00000	0.03804	0.0000	0.00000	0.00000	0.00000	0.00000
Sub-total	1.16548	0.00000	0.00000	0.00000	1.16548	0.00000	0.0000	0.00000	0.00000	0.00000	0.26277	0.0000	0.00000	0.00000	0.00686	0.00000
Jul-23	0.06719	0.00000	0.00000	0.00000	0.06719	0.00000	0.0000	0.00000	0.00000	0.00000	0.00618	0.0072	0.00335	0.00980	0.00000	0.00000
Aug-23	0.18593	0.00000	0.00000	0.00000	0.18593	0.00000	0.0000	0.00000	0.00000	0.00000	0.01659	0.0058	0.02575	0.00550	0.00000	0.00000
Sep-23	0.25555	0.00000	0.00770	0.00000	0.24785	0.00000	0.0000	0.00000	0.00000	0.00000	0.01399	0.0054	0.00920	0.00420	0.00000	0.00000
Oct-23	0.12883	0.00000	0.05591	0.00000	0.07292	0.00000	0.0000	0.00000	0.00000	0.00000	0.01091	0.0057	0.01750	0.00960	0.00000	0.00000
Nov-23	0.71882	0.00000	0.10954	0.57685	0.03243	0.00000	0.0000	0.00000	0.00000	0.00000	0.00669	0.0010	0.00430	0.00890	0.00000	0.00000
Dec-23	1.42677	0.00000	0.06550	0.85759	0.50368	0.00000	0.0000	0.00000	0.00000	0.00000	0.00672	0.0000	0.00000	0.00000	0.00000	0.00000
Total	3.94857	0.00000	0.23865	1.43444	2.27548	0.00000	0.00000	0.00000	0.00000	0.00000	0.32384	0.02510	0.06010	0.03800	0.00686	0.00000
Jan-24	0.64899	0.00000	0.01815	0.27820	0.35264	0.00000	0.00000	0.00000	0.00000	0.00000	0.00416	0.00000	0.00000	0.00000	0.00000	0.00000
Feb-24	0.28763	0.00000	0.06550	0.13084	0.09129	0.00000	0.00000	0.00000	0.00000	0.00000	0.02328	0.00000	0.00000	0.00000	0.00000	0.00000
Mar-24	2.29470	0.00000	0.05850	0.93908	1.29712	0.00000	0.00000	0.00000	0.00000	0.00000	0.01264	0.00000	0.00000	0.00000	0.00000	0.00000
Apr-24	1.00905	0.00000	0.01815	0.67314	0.31777	0.00000	0.00000	0.00000	0.00000	0.00000	0.01406	0.00000	0.00000	0.00000	0.00000	0.00000
May-24	2.07282	0.00000	0.25053	0.55717	1.26513	0.00000	0.00000	0.00000	0.00000	0.00000	0.02260	0.00020	0.01110	0.00090	0.00000	0.00000
Jun-24	1.67942	0.00000	0.67445	0.62182	0.38315	0.00000	0.00000	0.00000	0.00000	0.00000	0.01661	0.00032	0.02080	0.00011	0.00000	0.00000
Jul-24																
Aug-24																
Sep-24																
Oct-24																
Nov-24																
Dec-24																
Total	7.99260	0.00000	1.08528	3.20024	3.70709	0.00000	0.00000	0.00000	0.00000	0.00000	0.09334	0.00052	0.03190	0.00101	0.00000	0.00000

Note:

1. Assume the density of soil fill is 2 ton/m³.
2. Assume the density of rock and broken concrete is 2.5 ton/m³.
3. Assume the density of non-inert C&D waste is 0.9 ton/m³.