

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Feb-23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mar-23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apr-23	0.0571	0.0000	0.0000	0.0000	0.0571	0.0000	0.0000	0.0000	0.0000	0.0000	0.2006	0.0000	0.0000	0.0000	0.0069	0.0000
May-23	0.9598	0.0000	0.0000	0.0000	0.9598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0241	0.0000	0.0000	0.0000	0.0000	0.0000
Jun-23	0.1485	0.0000	0.0000	0.0000	0.1485	0.0000	0.0000	0.0000	0.0000	0.0000	0.0380	0.0000	0.0000	0.0000	0.0000	0.0000
Sub-total	1.1655	0.0000	0.0000	0.0000	1.1655	0.0000	0.0000	0.0000	0.0000	0.0000	0.2628	0.0000	0.0000	0.0000	0.0069	0.0000
Jul-23	0.0672	0.0000	0.0000	0.0000	0.0672	0.0000	0.0000	0.0000	0.0000	0.0000	0.0062	0.0072	0.0034	0.0098	0.0000	0.0000
Aug-23	0.1859	0.0000	0.0000	0.0000	0.1859	0.0000	0.0000	0.0000	0.0000	0.0000	0.0166	0.0058	0.0258	0.0055	0.0000	0.0000
Sep-23	0.2556	0.0000	0.0077	0.0000	0.2479	0.0000	0.0000	0.0000	0.0000	0.0000	0.0140	0.0054	0.0092	0.0042	0.0000	0.0000
Oct-23	0.1288	0.0000	0.0559	0.0000	0.0729	0.0000	0.0000	0.0000	0.0000	0.0000	0.0109	0.0057	0.0175	0.0096	0.0000	0.0000
Nov-23	0.7188	0.0000	0.1095	0.5769	0.0324	0.0000	0.0000	0.0000	0.0000	0.0000	0.0067	0.0010	0.0043	0.0089	0.0000	0.0000
Dec-23	1.4268	0.0000	0.0655	0.8576	0.5037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0067	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.9486	0.0000	0.2386	1.4344	2.2755	0.0000	0.0000	0.0000	0.0000	0.0000	0.3238	0.0251	0.0601	0.0380	0.0069	0.0000
Jan-24	0.6490	0.0000	0.0182	0.2782	0.3526	0.0000	0.0000	0.0000	0.0000	0.0000	0.0042	0.0000	0.0000	0.0000	0.0000	0.0000
Feb-24	0.2876	0.0000	0.0655	0.1308	0.0913	0.0000	0.0000	0.0000	0.0000	0.0000	0.0233	0.0000	0.0000	0.0000	0.0000	0.0000
Mar-24	2.2947	0.0000	0.0585	0.9391	1.2971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0126	0.0000	0.0000	0.0000	0.0000	0.0000
Apr-24	1.0091	0.0000	0.0182	0.6731	0.3178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0141	0.0000	0.0000	0.0000	0.0000	0.0000
May-24	2.0728	0.0000	0.2505	0.5572	1.2651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0226	0.0002	0.0111	0.0009	0.0000	0.0000
Jun-24	1.7085	0.0000	0.6745	0.6509	0.3831	0.0000	0.0000	0.0000	0.0000	0.0000	0.0166	0.0032	0.0208	0.0011	0.0000	0.0000
Jul-24	0.6157	0.0000	0.0821	0.3131	0.2205	0.0000	0.0000	0.0000	0.0000	0.0000	0.0116	0.0012	0.0146	0.0016	0.0000	0.0000
Aug-24	0.5297	0.0000	0.1241	0.1820	0.2236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0281	0.0023	0.0160	0.0017	0.0000	0.0000
Sep-24	0.8353	0.0000	0.0169	0.2998	0.5185	0.0000	0.0000	0.0000	0.0000	0.0000	0.0229	0.0032	0.0133	0.0008	0.0000	0.0000
Oct-24																
Nov-24																
Dec-24																
Total	10.0023	0.0000	1.3084	4.0242	4.6697	0.0000	0.0000	0.0000	0.0000	0.0000	0.1559	0.0101	0.0758	0.0061	0.0000	0.0000

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.