

Annexure IV-Data Assessment of Solid Waste in the State of Goa, Bicholim Taluka (North Goa)

Sr.No.	V.P.	Area name	Area in sq kms	Wards	Population density /sq km	Population	Total Waste generated kg/d	Kg/capita/d	Dry actually collected in kg/d	Wet waste actually collected	Dry Waste Sorting centre	Material Recovery Facility	Organic Waste Composter	Training & Awareness		Garbage mgmt Funds in LaKhs	Waste Disposal committee	Waste Mgmt Plan	Personal Protection Equipment provided	Waste transporting vehicles	Leachate collection facility	Waste handling contractors	Bins	Black spots	Calibrated weighing devices	Form III	Form IV	Legacy dump	
														Public	Waste Collection Team														
1	V.P.	Adwalpale	5.320	5	276.7	1472	294	0.199728261	15.8	Nil	-	Nil	Nil	Yes	Yes	n.s.	Yes	Yes	Yes	Tata Ace	Nil	Sampurna Earth + GSW M	No	4	No	No	Yes		Nil
2	V.P.	Amone	6.690	7	442.89985	2963	740	0.249746878	16.2	Nil	-	No	No	Yes	Yes	n.s.	Yes	No	Yes	Ace	No	2-Sampurna earth & n.s.	No	3	No	NA	Yes		Nil
3	V.P.	Harvalem	25.52	5	97.178683	2480	148.8	0.06	35	nil	-	No	No	Yes	Yes	n.s.	yes	yes	yes	one tata ace	no	nil	no	3	no	yes	yes		nil
4	V.P.	Cotombi	9.065	9	731.8	6634	1326.8	0.2	22.8	-	-	No	No	Yes		n.s.	Yes	Yes	Yes	01 Motorized	No	Sampurna Earth	No	5	No	Yes	Yes	Nil	Nil
5	V.P.	Pale (CT)																											
6	V.P.	Cudnem	12.00	7	296.25	3555	231.3	0.065063291	45	Nil		No	No	Yes	No	n.s.	Yes	Yes	Yes	Ace	No	Nil	No	13	No	NA	Yes	Nil	Nil
7	V.P.	Dumacem	7.972	5		1677	335	0.199761479	16.62	Nil	-	No	No	Yes	Yes		Yes	No	Yes	Two Vehicle r +cycle	No	Sampurna Earth	No	2	No	Yes	Yes		No
8		Mencurem																											
9	V.P.	Latambarcem	36.510	9	184.1	6722	403	0.059952395	69.28	Nil	-	No	No	Yes	Yes	n.s.	Yes	No	Yes	Tata Ace	No	02 Sampurna Earth & n.s	No	4	No	NA	Yes		Nil
10	V.P.	Maem	24.30417	11	360.10281	8752	2188	0.25	6.62	nil	-	no	No	yes	yes	n.s.	yes	twice a	yes	motorized	no	1	no	nil	no	yes	yes		no
11	V.P.	Vainguinim																											

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12	V.P.	Aturli																mon		vehicle									
13	V.P.	Curchirem	16.996	7	246.2	4185	1046	0.249940263	13.01	Nil	-	No	No	Yes	Yes		Yes	Yes	Yes	Tata Ace	No	sampurna Earth	No	3	No	Yes	Yes	Nil	
14	V.P.	Maulinguem North																											
15	V.P.	Ona																											
16	V.P.	Mulgao	7.360	7	509.5	3750	937.5	0.25	22.95	Nil	-	No	No	Yes	Yes	n.s.	Yes	Yes	Yes	2 Tata ace	Nil	Nirma I seva	No	6	No	Yes	Yes		No
17	V.P.	Naroa	8.0	5	245.9	1967	424.25		0.215683782	5.7	Nil	-	No	No	Yes	Yes	Yes	Yes	Yes	Yes	1 Motorized veh	No	Sampurna Earth	No	2	No	NA	Yes	
18		Navelim	12.3	7	166.99187	2054	123.24	0.06	28	nil	-	no	no	nil	yes	n.s.	yes	no, twice a month collection	yes	1 tata ace	nil	2 nos.	no	6 nos.	no	nil	nil		nil
19	V.P.	Piligao	8.181	7	323.1	2643	n.s.		24.8	Nil	-	No	no	Yes	yes	-	Yes	yes	Yes	1 motorized vehicle	No	Nil	No	Nil	No	Yes	Yes		Nil
20	V.P.	Salem	10.690	7	320.57998	3427	274	0.079953312	16.14	Nil	-	No	No	Yes	Yes	n.s.	Yes	Yes	Yes	Tata Ace	No	02 n.s	No	1	No	No	Yes		Nil
21	v.P.	Karapur	16.474	11	551.5	9086	1817	0.199977988	40	Nil	-	No	No	yes	Yes	n.s.	Yes	Yes	Yes	Tata Ace	No	Nil	No	21	No	No	Yes		Nil
22		Sarvona																											

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23	V.P.	Sirigao	3.709	5	482.6	1790	447.5	0.25	15.56	Nil	-	NO	NO	Yes	Yes	n.s.	Yes	No	Yes	Tata ace	No	Sampurna earth	No	3	No	No	Yes		Nil
24	V.P.	Surla	16.936	9	225.43	3818	763.6	0.2	35.5	Nil	-	No	No	Yes	Yes	n.s.	Yes	Yes	Yes	Tata Ace	No	Sampurna Earth	No	1	No	Yes	Yes		Nil
25	V.P.	Velguem	3.242	7	807.12	2617	523.4	0.2	12	Nil		No	No	Yes	Yes	n.s.	Yes	Yes	Yes	02 motorized	No	Nil	No	2	No	No	Yes		Nil
Total			231		6268	69592	12023	3								0							73						
Average			13		369	3866	707	0.176								0							5						
Max			37		807	9086	2188	0.250								0							21						
Min			3		97	1472	123	0.060								0							1						

Note:

- wherever wet waste is mentioned as Nil it is informed to be self-composted/ in-house composted.
- "Yes" in MRF indicates Goa State Pollution Control Board Approval is available.

*For details refer GWMC template.

Single dwelling units	Restaurants	Hotels	Comm Est	Rented Rooms	Mkt Area	Multidwelling	Street vendors	Hoardings	Wedding venues	Institutes	Others
SDU	R	H	CE	RR	M	MD	SV	HD	WV	I	
472	0	1	0	0	0	0	0	0	1	0	
970	13	9	0	0	0	0	0	0	0	47	
763	1	2	22	0	0	0	0	0	0	10	
1489	9	0	115	0	0	0	0	0	0	38	
939	16	10	49	0	0	0	0	0	0	20	
4	4	8	0	1	12	0	0	0	0	5	
1631	0	29	58	0	0	0	0	0	2	26	
1815	10	28	17	3	0	0	0	0	1	11	

Single dwelling units	Restaurants	Hotels	Comm Est	Rented Rooms	Mkt Area	Multidwelling	Street vendors	Hoardings	Wedding venues	Institutes	Others
SDU	R	H	CE	RR	M	MD	SV	HD	WV	I	
925	0	31	0	2	0	0	0	0	4	0	
863	12	80	0	0	0	4	1	0	7	16	
570	4	3	7	0	0	0	0	0	0	1	
2054	0	0	39	75	0	0	0	0	3	5	
843	3	12	10	0	0	0	14	0	2	9	
870	0	0	35	0	0	0	0	0	1	13	
2461	9	17	445	6	0	6	22	0	2	22	

MATERIAL RECOVERY FACILITY CAPACITY*							
Waste generation @.54kg/capita/day	Estimated generation of dry waste @0.297kg	Vol. of storage for recyclable waste for 7 days in (m3)	3. Area req. for storage (m2)	Vol. of storage for baled waste for 7 days in (m3)	6. Storage area for baled waste(m2)	Total area required for MRF in m2 (1+2+3+4+5+6+7)	Remarks
794.88	437.184	3.060288	2.040192	9.180864	6.120576	142.1608	No details pertaining to wet waste provided by Village Panchayat
1600.02	880.011	6.160077	4.106718	18.480231	12.32015	150.4269	No details pertaining to wet waste provided by Village Panchayat
1339.2	736.56	5.15592	3.43728	15.46776	10.31184	147.7491	No details pertaining to wet waste provided by Village Panchayat
3582.36	1970.298	13.79209	9.194724	41.376258	27.58417	170.7789	No details pertaining to wet waste provided by Village Panchayat
1919.7	1055.835	7.390845	4.92723	22.172535	14.78169	153.7089	No details pertaining to wet waste provided by Village Panchayat
905.58	498.069	3.486483	2.324322	10.459449	6.972966	143.2973	No details pertaining to wet waste provided by Village Panchayat
3629.88	1996.434	13.97504	9.316692	41.925114	27.95008	171.2668	No details pertaining to wet waste provided by Village Panchayat
4726.08	2599.344	18.19541	12.130272	54.586224	36.39082	182.5211	No details pertaining to wet waste provided by Village Panchayat

