

Annexure IV-Data Assessment of Solid Waste in the State of Goa,Tiswadi 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.	Chimbel	9.853	11	1552	15289	3822	0.249983648	1.5	-	No	NO	Yes	No	n.s.	yes	Yes	Yes	Rickshaw	No	Nil	Yes only wet waste	4	No	No	Yes	Nil	
2	V.P.	Calapor	not submitted																									
3		Murda	not submitted																									
4	V.P.	Corlim	5.70	9	1186	6758	1689	0.249926014	400	Nil	-	No	No	Yes	No	n.s.	Yes	No	yes	Motorized	No	Nil	2	2	No	No	Yes	Nil
5	V.P.	Mercurim	not submitted																									
6	V.P.	Cumbarjua	not submitted																									
7	V.P.	Goa Velha	not submitted																									
8	V.P.	Jua	not submitted																									
9	V.P.	Ambarim	not submitted																									
10	V.P.	Azossim	5.998	7	745.24842	4470	1118	0.250111857	18	Nil	-	No	No	Yes	No	n.s.	Yes	Yes	Yes	Tricycle	No	Nil	No	Nil	No	Yes	Yes	Nil
11		Mandur																										
12	V.P.	Bainguinim	not																									
13	V.P.	Batim	8.242	7	279.05333	2300	575	0.25	35	Nil	-	No	No	Yes	No	n.s.	Yes	Yes	No	Ace	No	No	No	Nil	No	No	Yes	Nil
14	V.P.	Capao	not submitted																									
15	V.P.	Caraim	not submitted																									
16	V.P.	Carambolim	13.339	9	388.2629	5179	52.72727	0.010180976	29	Nil	-	3000 sq mtr Land available No Approval	No	No	No	n.s.	Yes	Yes	No	02 bicycles	No	No	No	2	No	NA	Yes	-

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17	V.P.	Chorao	not submitted									No	No	Yes	Yes	No	Yes	Yes	Yes	2 Hired vehicles	No	Nil	Yes	Nil	No	NA	Yes	
18	V.P	Bambolim	8.718	11	1241	10816	95	0.009	95	Nil	-	No	No	No	No	n.s.	Yes	Yes	Yes	Rickshaw	No	Nil	No	2	No	No	Yes	Nil
19		Curca																										
20		Talaulim																										
21	V.P	Combarjua	3.715	9	1379	5125	54.54545	0.011	30	Nil	-	No	No	Yes	No	n.s	Yes	No	No	No	No	Bhavish	4	4	No	NA	No	
22	V.P	Chodan	21.0	9	264.9	5563	1625	0.2921	40	Nil	-	No	No	NO	No	n.s.	Yes	Yes	Yes	Tricycle	No	No	No	8	No	No	Yes	No
23	V.P	Madel																										
24		Ella																										
25	V.P>	Gancim	not submitted																									
26	V.P.	Gandaulim	not submitted																									
27	V.P.	Goalim Moula	not submitted																									
28	V.P.	Goltim	8.90	7	310.9	2767	692	0.250090351	8	Nil		No	No	Yes	No	n.s.	Yes	Yes	Yes	Hand cart	No	Nil	No	Nil	No	No	Yes	Nil
29		Navelim																										
30	V.P	Malar	0.643	7	3504	2252	563	0.25	14	Nil	-	No	No	No	No	3	Yes	Yes	Yes	closed Rickshaw	No	No	No	Nil	No	No	Yes	Nil
31		Narao																										
32		Vanxim																										
33		Sao Matias																										
34		Narao	not submitted																									
35	V.P	Neura-O-Grande	7.403	7	303.0	2243	560	0.249665626	8.3	Nil	-	No	NO	Yes	Yes	3.5		Yes	Yes	Handcart	No	Nil	No	2	No	No	Yes	Nil
36	V.P	Neura-O-Pequeno																										
37	V.P	old Goa	0.164	9	15543.686	2550	8340	3.270588235	480	Nil	-	No	No	No	No	n.s.	Yes	Yes	Yes	Rickshaw & bicycle	No	No	No	1	No	NA	Yes	

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38	V.P	Siridao	7.717	7	314.0	2423	6060	2.501031779	15	Nil	_	No	No	Yes	No	n.s.	Yes	Yes	Yes	Handcart	No	No	No - only religious & educational	3	No	NA	Yes	1
39	V.P	Palem	not submitted																									
40	V.P	Taleigao	9.0	11	2868	25811	6443	0.249622254	3500	5500	Yes	No	NO	Yes	No	80	Yes	Yes	Yes	43 trucks + 1jeep	NO	No	Yes	1	No	No	Yes	Nil
41	V.P	St.Estevem	8.270	7	499.9	4134			15	Nil	_	No	No	No	No	1.5	Yes	No	Yes	Rented Rickshaw	No	No	No	7	No	NA	No	
42	V.P	St.Andre	2.390	9	1808	4322	1080	0.249884313	1000	Nil	_	No	No	Yes	No	9	_	Yes		Closed Rickshaw	No	Yes	No	3	No	NA	No	No
43	V.P.	st. Lawrence	20.0	11	250	5000	1250	0.25	500	Nil	_	No	No	No	No	n.s	No	Yes	Yes	Rickshaw	No	environmental services	No	1	No	No	Yes	No
44	V.P.	Santa Cruz	32.716	11	467.9	15306	3827	0.250032667	2000	n.s	_	No	Yes	Yes	No	n.s.	Yes	Yes	Yes	4 rickshaw +one truck	No	No	No	11	No	NO	Yes	No
45	V.P.	Merces	11.65	11	920.9	10726	2682	0.250046616	700	855		No	No	Yes	No	n.s	Yes	No	Yes	Rickshaw	No	No	Yes	3	No	NA	No	
Total			185		33825	133034	40528	9								97							47					
Average			10		1780	7002	2252	0.505								19							4					
Max			33		15544	25811	8340	3.271								80							11					
Min			0		250	2243	53	0.009								2							1					

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
8256.06	4540.833	31.78583	21.19055	95.35749	63.57166	218.7622	
3649.32	2007.126	14.04988	9.366588	42.14965	28.09976	171.4664	
2413.8	1327.59	9.29313	6.19542	27.87939	18.58626	158.7817	
1242	683.1	4.7817	3.1878	14.3451	9.5634	146.7512	
2796.66	1538.163	10.76714	7.178094	32.30142	21.53428	162.7124	

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5840.64	3212.352	22.48646	14.99098	67.45939	44.97293	193.9639	
2767.5	1522.125	10.65488	7.10325	31.96463	21.30975	162.413	
3004.02	1652.211	11.56548	7.710318	34.69643	23.13095	164.8413	
1494.18	821.799	5.752593	3.835062	17.25778	11.50519	149.3402	
1216.08	668.844	4.681908	3.121272	14.04572	9.363816	146.4851	
1211.22	666.171	4.663197	3.108798	13.98959	9.326394	146.4352	
1377	757.35	5.30145	3.5343	15.90435	10.6029	148.1372	

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1308.42	719.631	5.037417	3.358278	15.11225	10.07483	147.4331	
13937.94	7665.867	53.66107	35.77405	160.9832	107.3221	277.0962	
2232.36	1227.798	8.594586	5.729724	25.78376	17.18917	156.9189	
2333.88	1283.634	8.985438	5.990292	26.95631	17.97088	157.9612	
2700	1485	10.395	6.93	31.185	20.79	161.72	
8265.24	4545.882	31.82117	21.21412	95.46352	63.64235	218.8565	
5792.04	3185.622	22.29935	14.86624	66.89806	44.59871	193.4649	

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.