



2.4 SOLID WASTE DISPOSAL SYSTEM

As of 2004, the data show that of the sixteen (16) municipalities only one (1) has no municipal refuse collection and disposal services. In the Province, thirteen (13) percent of the households are served, while eighty seven (87) percent is unserved. Table 2-9 reflects the manner of solid waste collection and disposal, and service coverage by municipality in 2004.

Table 2-7 Service Coverage of Solid Waste Management Systems

Municipality	Total No. of Households	No. of Urban Households	No. of Households Served	Coverage of Households (%)	Coverage of Urban Households (%)
Alicia	6,033	929	350	6	38
Buug	7,489	1,807	1,500	20	83
Diplahan	5,045	1,862	606	12	33
Imelda	5,357	1,395	829	15	59
Ipil	10,316	4,260	620	6	15
Kabasalan	7,338	733	3,292	45	100
Mabuhay	5,100	1,113	386	8	35
Malangas	5,519	1,521	1,277	23	84
Naga	6,460	2,158	766	12	35
Olutanga	4,457	1,303	400	9	31
Payao	5,388	917	1,027	19	100
R. T. Lim	6,427	1,537	389	6	25
Siay	7,275	1,328	357	5	27
Talusan	3,893	1,097	966	25	88
Titay	8,174	1,294	-	-	-
Tungawan	6,860	663	300	4	45
Total	101,131	23,917	13,065	13	55

Source: Prov'l. Water Supply, Sewerage & Sanitation Sector Plan for the Province of Zamboanga Sibugay

Municipal dumping sites are still having the open type. The dump refuse is usually burned or left unattended. The respective municipal governments are still in the process of converting the open dumpsites to controlled ones within the immediate term, and to sanitary landfills in the longer term in compliance with the Republic Act 9003 or the Ecological Solid Waste Management Act of 2000.

2.7.1 CURRENT SOLID WASTE MANAGEMENT PRACTICES

The segregation in the different municipality of the Province of Zamboanga Sibugay is done at household level. Households outside collection area or in the barangay without waste collectors were observed



to dump their waste of any kind in individual pit (not burned), burning, composting (later used as fertilizer) burning, composting (later used as fertilizer), burying, feeding to animals, and other manner of garbage disposal.

Table 2-8 Households by Usual Manner of Garbage Disposal

Municipality	Usual Manner of Garbage Disposal							Total Number of Households
	Picked-up by Garbage Truck	Dumping in Individual Pit (not burned)	Burning	Composting (later used as fertilizer)	Burying	Feeding to Animals	Others	
Alicia	237	817	3,691	314	136	215	253	5,663
Buug	342	2,310	2,733	1,149	118	-	19	6,671
Diplahan	31	1,776	1,594	799	184	273	29	4,686
Imelda	1,034	1,001	1,076	348	75	125	31	3,690
Ipil	1,311	1,946	5,950	708	181	134	63	10,293
Kabasalan	695	1,540	3,867	354	300	202	258	7,216
Mabuhay	-	1,098	2,594	129	133	-	10	3,964
Malangas	546	955	3,495	414	114	-	238	5,762
Naga	107	2,493	3,337	281	74	-	176	6,468
Olutanga	38	553	2,913	89	413	11	20	4,037
Payao	40	1,693	3,039	190	176	35	208	5,381
R.T. Lim	161	504	4,526	786	97	345	59	6,478
Siay	109	1,135	3,927	230	162	534	141	6,238
Talusan	7	1,148	1,310	499	92	85	-	3,141
Titay	58	1,859	5,137	516	125	-	107	7,802
Tungawan	163	756	4,851	474	162	-	47	6,453
Total	4,879	21,584	54,040	7,280	2,542	1,959	1,659	93,943

Source: National Statistic Office

Table 2-9 Municipal Solid Waste Collection Disposal & Service Coverage

Municipality	Number of Households 2004	With Service					Without Service				Percentage of HH Served	Percentage of HH Unserved
		Number of Collection Trucks			Disposal		Dumping (Land and Water)	Burying	Composting	Total of HH Unserved		
		Open Dump Trucks	Closed Type	Total Units	No. of HH Open Dump	Total Household Served	Dumping (Land and Water)	Burying	Composting	Total HH Unserved		
Alicia	6,033	1		1	350	350	1,466	1,466	2,751	5,683	6	94
Buug	7,489	1		1	1,500	1,500	1,497	1,497	2,995	5,989	20	80
Diplahan	5,045	2		2	606	606	4,439			4,439	12	88
Imelda	5,357	1		1	829	829	1,132	1,133	2,263	4,528	15	85
Ipil	10,316	2	1	3	620	620	4,212	4,412	1,072	9,696	6	94
Kabasalan	7,338	1		1	3,292	3,292	1,294		2,752	4,046	45	55
Mabuhay	5,100	1		1	386	386	3,161	901	652	4,714	8	92
Malangas	5,519	1		1	1,277	1,277	889	1,577	1,776	4,242	23	77
Naga	6,460	2		2	766	766	1,424	1,424	2,846	5,694	12	88
Municipality		With Service					Without Service					



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		Number of Collection Trucks			Disposal		Dumping (Land and Water)	Burying	Com-posting	Total of HH Unserved		
		Open Dump Trucks	Closed Type	Total Units	No. of HH Open Dump	Total Household Served	Dumping (Land and Water)	Burying	Composting	Total HH Unserved		
Olutanga	4,457	2		2	400	400	2,937	783	337	4,057	9	91
Payao	5,388	1		1	1,027	1,027	765	3,216	380	4,361	19	81
R.T. Lim	6,427	1	1	2	389	389	4,730	1,308		6,038	6	94
Siay	7,275	1		1	357	357	3,319	2,685	914	6,918	5	95
Talusan	3,893	1		1	966	966	490	1,456	981	2,927	25	75
Titay	8,174						4,208	2,653	1,313	8,174		100
Tungawan	6,860		1	1	300	300	2,743	1,699	2,118	6,560	4	96
Total	101,131	18	3	21	13,065	13,065	38,706	26,210	23,150	88,066	13	87

Source: Provincial Water Supply, Sewerage & Sanitation Sector Plan for the Province of Zamboanga Sibugay