

資料一6-1 ごみの組成（14年度～21年度の8年間）

試料採取日		H14.5.23	H14.8.22	H14.11.22	H15.3.17	平均値	H15.5.23	H15.8.22	H15.11.21	H16.2.26	平均値	H16.5.27	H16.8.26	H16.11.25	H17.2.24	平均値	H17.4.21	H17.7.14	H17.10.20	H18.1.19	平均値
試料重量	kg	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
見掛け比重	kg/L	0.098	0.125	0.153	0.234	0.1525	0.139	0.147	0.155	0.167	0.152	0.166	0.232	0.273	0.175	0.2115	0.2258	0.2489	0.2166	0.2439	0.2338
見掛け比重(乾燥)	kg/L																0.1347	0.1305	0.13	0.1378	
3成分	水分	35.1%	24.2%	46.0%	58.4%	40.9%	50.0%	49.9%	43.8%	39.9%	45.9%	40.9%	44.9%	49.2%	38.8%	43.5%	40.2%	47.7%	40.0%	43.2%	42.8%
	灰分	4.6%	6.1%	4.9%	3.8%	4.9%	5.6%	4.9%	4.0%	5.2%	4.9%	8.8%	4.6%	4.9%	5.3%	5.9%	7.2%	8.1%	4.3%	5.4%	6.3%
	可燃物	60.3%	69.7%	49.1%	37.8%	54.2%	44.4%	45.2%	52.2%	54.9%	49.2%	50.3%	50.5%	45.9%	55.9%	50.7%	52.6%	44.2%	55.7%	51.4%	51.0%
物理的組成	紙・布類	39.3%	64.9%	56.6%	54.2%	53.8%	36.7%	50.9%	67.1%	63.5%	54.6%	50.8%	56.4%	55.2%	50.2%	53.2%	39.4%	36.0%	39.9%	42.7%	39.5%
	木・竹・わら類	5.5%	6.1%	6.1%	2.2%	5.0%	19.3%	4.8%	2.5%	4.4%	7.8%	4.4%	5.7%	3.6%	22.8%	9.1%	7.5%	8.4%	16.3%	20.1%	13.1%
	ビニール・塩ビ類	14.7%	7.2%	9.9%	17.7%	12.4%	18.3%	20.4%	13.5%	14.4%	16.7%	11.0%	15.6%	13.3%	6.9%	11.7%	8.7%	9.8%	16.7%	15.7%	12.7%
	その他合成樹脂	20.0%	19.9%	13.0%	7.2%	15.0%	6.6%	9.5%	7.9%	10.6%	8.7%	11.2%	7.2%	4.4%	7.8%	7.7%	9.4%	15.0%	5.8%	4.5%	8.7%
	生ゴム・皮革類	0.3%	0.3%	2.2%	0.1%	0.7%	0.0%	0.3%	3.9%	0.4%	1.2%	0.1%	0.8%	2.8%	3.5%	1.8%	1.1%	1.0%	0.1%	0.8%	0.8%
	容器包装(再計上)																	5.9%	4.0%	5.0%	
	厨芥類	12.3%	0.4%	8.3%	14.3%	8.8%	8.7%	8.8%	3.7%	2.1%	5.8%	10.7%	9.5%	15.6%	4.8%	10.2%	25.6%	21.9%	12.1%	12.3%	18.0%
	不燃物類	7.1%	0.4%	1.1%	0.3%	2.2%	3.2%	2.7%	0.5%	1.4%	2.0%	3.5%	1.4%	1.6%	1.1%	1.9%	4.1%	3.6%	3.1%	0.9%	2.9%
	その他	0.8%	0.8%	2.8%	4.0%	2.1%	7.2%	2.6%	0.9%	3.2%	3.5%	8.3%	3.4%	3.5%	2.9%	4.5%	4.2%	4.3%	6.0%	3.0%	4.4%
	元素	炭素	55.2%	51.7%	53.7%	50.4%	52.8%	51.6%	54.7%	54.4%	51.2%	53.0%	47.0%	50.6%	51.4%	49.4%	49.6%	52.3%	47.4%	49.6%	47.3%
水素		7.5%	7.8%	7.3%	7.1%	7.4%	7.4%	7.9%	7.5%	7.3%	7.5%	6.7%	7.6%	7.4%	6.9%	7.2%	6.4%	6.9%	7.6%	7.0%	7.0%
窒素		1.3%	0.3%	0.7%	1.2%	0.9%	0.9%	0.7%	0.4%	0.7%	0.7%	0.6%	0.4%	0.6%	1.4%	0.8%	1.3%	1.7%	0.7%	0.4%	1.0%
硫黄		0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
塩素		0.8%	1.1%	0.4%	0.4%	0.7%	0.3%	0.3%	0.4%	0.4%	0.4%	0.7%	0.4%	0.9%	0.3%	0.6%	0.2%	0.4%	0.6%	0.6%	0.5%
酸素		28.1%	30.9%	28.7%	31.8%	29.9%	28.6%	26.8%	30.2%	31.7%	29.3%	30.1%	32.7%	29.9%	33.3%	31.5%	27.2%	28.0%	34.3%	35.1%	31.2%
その他		7.0%	8.1%	9.1%	9.1%	8.3%	11.2%	9.6%	7.1%	8.7%	9.2%	14.8%	8.3%	9.7%	8.6%	10.4%	12.5%	15.5%	7.2%	9.6%	11.2%
低位発熱量		kcal/kg	3560	3570	2510	1790	2857.5	2280	2430	2680	2750	2535	2440	2440	2280	2630	2447.5	2760	1950	2300	2070
高位発熱量	kcal/kg	4040	4030	3000	2300	3342.5	2780	2940	3170	3230	3030	2900	2940	2780	3090	2927.5	3350	2610	2950	2710	2905

試料採取日		H18.5.25	H18.8.24	H18.11.22	H19.2.22	平均値	H19.5.16	H19.8.8	H19.11.14	H20.2.13	平均値	H20.5.14	H20.8.13	H20.11.12	H21.2.9	平均値	H21.5.13	H21.8.12	H21.11.11	H22.2.9	平均値
試料重量	kg	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
乾燥重量	kg	5.54	5.08	4.95	5.49	5.23	5.23	4.91	4.73	4.94											
単位容積重量	kg/m ³	169	197	233	149	187	176	214	260	259	227.25	302	314	143	160	229.75	309	330	220	199	264.5
3成分	水分	44.6%	49.2%	50.5%	45.1%	47.4%	47.8%	50.9%	52.5%	50.6%	50.5%	50.1%	55.4%	50.7%	52.0%	52.1%	53.1%	52.0%	51.3%	53.2%	52.4%
	灰分	4.8%	3.4%	4.7%	5.1%	4.5%	4.8%	6.7%	6.2%	4.2%	5.5%	4.4%	3.7%	4.9%	4.2%	4.3%	3.5%	4.5%	3.7%	4.5%	4.1%
	可燃物	50.6%	47.4%	44.8%	49.9%	48.2%	47.4%	42.4%	41.3%	45.2%	44.1%	45.2%	40.9%	44.4%	43.8%	43.6%	43.4%	43.5%	45.0%	42.3%	43.6%
物理的組成	紙・布類	61.2%	64.1%	66.2%	57.0%	62.1%	39.0%	48.0%	43.6%	41.5%	43.0%	56.2%	64.3%	59.4%	51.1%	57.8%	46.8%	58.0%	38.0%	41.0%	46.0%
	木・竹・わら類	6.6%	7.0%	5.0%	10.7%	7.3%	3.0%	4.2%	7.3%	5.9%	5.1%	15.2%	4.0%	5.6%	8.0%	8.2%	8.0%	1.9%	8.1%	2.4%	5.1%
	ビニール・塩ビ類	12.4%	15.6%	10.3%	13.4%	12.9%	14.7%	16.9%	18.8%	15.1%	16.4%	7.1%	10.2%	15.5%	9.5%	10.6%	11.8%	9.6%	10.6%	12.8%	11.2%
	その他合成樹脂	5.2%	6.5%	3.8%	4.9%	5.1%	1.1%	1.1%	0.9%	5.3%	2.1%	4.0%	4.3%	3.5%	7.1%	4.7%	3.7%	3.1%	5.4%	8.5%	5.2%
	生ゴム・皮革類	0.2%	0.2%	0.2%	0.9%	0.4%	0.7%	0.4%	3.8%	1.1%	1.5%	1.4%	0.1%	0.7%	1.8%	1.0%	0.7%	1.1%	0.6%	1.1%	0.9%
	容器包装(再計上)																				
	厨芥類	10.2%	3.7%	9.3%	6.7%	7.5%	24.3%	12.0%	11.0%	21.5%	17.2%	7.2%	7.7%	9.3%	15.8%	10.0%	16.4%	12.0%	14.0%	15.0%	14.4%
	不燃物類	2.0%	0.4%	1.1%	2.2%	1.4%	4.3%	1.2%	0.7%	1.7%	2.0%	0.4%	1.0%	0.1%	0.8%	0.6%	2.1%	0.6%	3.7%	4.4%	2.7%
	その他	2.2%	2.6%	4.1%	4.2%	3.3%	12.9%	16.2%	13.9%	7.9%	12.7%	8.5%	8.4%	5.9%	5.9%	7.2%	9.7%	8.4%	12.0%	12.4%	10.6%
	元素	炭素	49.4%	51.8%	47.3%	48.8%	49.3%	42.3%	49.8%	53.1%	51.8%	49.3%	40.7%	45.3%	48.1%	46.1%	45.1%	49.7%	43.2%	44.8%	43.9%
水素		7.0%	7.1%	6.4%	6.8%	6.8%	7.0%	8.0%	6.8%	9.0%	7.7%	5.3%	6.8%	8.1%	5.8%	6.5%	7.4%	6.4%	7.0%	6.2%	6.8%
窒素		0.5%	1.0%	0.7%	1.0%	0.8%	0.7%	0.3%	0.8%	0.4%	0.6%	0.7%	1.4%	0.5%	1.4%	1.0%	0.3%	0.3%	1.2%	0.6%	0.6%
硫黄		0.0%	0.0%	0.0%	0.0%	0.0%	0.02%	0.03%	0.02%	0.02%	0.0%	0.03%	0.03%	0.03%	0.03%	0.0%	0.02%	0.02%	0.03%	0.03%	0.0%
塩素		1.0%	0.7%	0.3%	0.3%	0.6%	0.32%	0.23%	0.43%	0.34%	0.3%	0.53%	1.38%	0.27%	0.35%	0.6%	0.42%	0.74%	0.92%	0.77%	0.7%
酸素		33.4%	32.7%	35.9%	33.9%	34.0%	40.4%	28.3%	25.8%	30.0%	31.1%	43.9%	36.8%	33.1%	37.5%	37.8%	35.0%	40.4%	38.4%	38.8%	38.2%
その他		8.7%	6.8%	9.5%	9.2%	8.5%	9.3%	13.3%	13.1%	8.4%	11.0%	8.8%	8.3%	9.9%	8.8%	9.0%	7.2%	8.9%	7.7%	9.7%	8.4%
低位発熱量		kcal/kg	2360	2200	1780	2290	2157.5	1567	1593	2243	1801	1801	1589	1567	1789	1674	1654.75	1695	1404	1738	1428
高位発熱量	kcal/kg	2840	2690	2250	2760	2635	2231	2332	2938	2604	2526.25	2176	2267	2532	2293	2317	2404	2047	2428	2095	2243.5

資料一6-2 ごみの組成 (22年度~28年度の7年間)

試料採取日	H22.5.19	H22.8.11	H22.11.17	H23.2.9	平均値	H23.5.18	H23.8.10	H23.11.9	H24.2.7	平均値	H24.5.14	H24.8.9	H24.11.8	H25.2.6	平均値	H25.5.16	H25.8.8	H25.11.14	H26.2.13	平均値	
試料重量 kg	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
見掛け比重 kg/L	200	220	170	210	200	180	240	210	170	200	230	220	230	190	217.5	180	180	180	160	175	175
見掛け比重(乾燥) kg/L	100	100	90	100	97.5	90	110	90	80	92.5	110	110	110	90	105	90	100	90	80	80	90
3成分	水分	48.0%	54.0%	45.0%	53.0%	50.0%	49.0%	52.0%	56.0%	54.0%	52.8%	52.0%	50.0%	54.0%	54.0%	52.5%	50.2%	47.0%	51.0%	50.3%	49.6%
	灰分	4.7%	4.5%	4.1%	5.6%	4.7%	5.7%	5.2%	4.6%	3.8%	4.8%	4.4%	3.4%	6.7%	4.1%	4.7%	4.6%	4.2%	4.0%	3.7%	4.1%
	可燃物	47.3%	41.5%	50.9%	41.4%	45.3%	45.3%	42.8%	39.4%	42.2%	42.4%	43.6%	46.6%	39.3%	41.9%	42.9%	45.2%	48.8%	45.0%	46.0%	46.3%
物理的組成	紙・布類	51.0%	59.0%	50.0%	55.0%	53.8%	66.2%	63.9%	56.5%	58.6%	61.3%	58.8%	55.0%	55.0%	36.0%	51.2%	64.1%	38.2%	49.9%	59.5%	52.9%
	木・竹・わら類	6.1%	8.1%	8.4%	6.3%	7.2%	4.8%	4.6%	4.3%	6.8%	5.1%	8.7%	7.0%	5.6%	9.0%	7.6%	5.0%	4.7%	0.9%	3.3%	3.5%
	ビニール・塩ビ類	17.0%	11.0%	13.0%	9.0%	12.5%	17.0%	11.0%	14.0%	13.0%	13.8%	14.0%	19.0%	22.0%	22.0%	19.3%	11.0%	16.0%	21.0%	14.0%	15.5%
	その他合成樹脂	5.9%	5.6%	7.4%	5.6%	6.1%	4.4%	4.4%	8.9%	5.8%	5.8%	5.3%	6.8%	6.7%	8.0%	6.7%	4.7%	13.7%	6.3%	6.8%	7.9%
	生ゴム・皮革類	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
	容器包装(再計上)	7.3%	6.5%	3.1%	4.8%	5.4%	5.7%	4.2%	3.5%	5.5%	4.7%	5.5%	8.0%	8.5%	7.5%	7.4%	6.8%	8.0%	11.0%	7.0%	8.2%
	厨芥類	14.0%	5.7%	6.1%	14.0%	10.0%	4.4%	7.7%	5.4%	8.8%	6.6%	5.7%	4.7%	5.0%	15.0%	7.6%	5.3%	22.0%	11.0%	10.0%	12.1%
	不燃物類	0.8%	1.8%	8.1%	4.3%	3.8%	0.1%	1.2%	2.4%	2.0%	1.4%	0.0%	3.3%	1.6%	1.8%	1.7%	1.3%	1.3%	0.1%	2.2%	1.2%
	その他	5.1%	8.7%	6.9%	5.7%	6.6%	3.0%	7.5%	8.4%	4.9%	6.0%	7.4%	4.1%	4.0%	8.1%	5.9%	8.5%	4.0%	10.7%	4.1%	6.8%
	元素	炭素	49.0%	45.0%	44.0%	43.0%	45.3%	41.0%	45.0%	45.0%	43.0%	43.5%	45.0%	45.0%	44.0%	44.3%	44.0%	44.0%	43.0%	40.0%	40.0%
水素		7.0%	8.0%	6.3%	5.8%	6.8%	6.2%	6.7%	7.6%	5.3%	6.5%	6.2%	7.0%	6.5%	5.8%	6.4%	6.3%	6.5%	5.3%	5.3%	5.9%
窒素		1.3%	0.3%	0.6%	0.3%	0.6%	1.0%	1.4%	1.1%	0.9%	1.1%	1.0%	1.0%	0.9%	1.3%	1.1%	1.3%	1.6%	0.6%	0.6%	1.0%
硫黄		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
塩素		0.4%	0.3%	0.7%	1.2%	0.7%	0.3%	0.6%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
酸素		34.0%	37.0%	41.0%	38.0%	37.5%	40.0%	35.0%	35.0%	42.0%	38.0%	39.0%	40.0%	34.0%	41.0%	38.5%	39.0%	41.0%	45.0%	46.0%	42.8%
その他		8.3%	9.4%	7.4%	11.7%	9.2%	11.5%	11.3%	10.8%	8.4%	10.5%	8.5%	6.7%	13.4%	8.5%	9.3%	9.1%	7.7%	8.9%	7.9%	8.4%
低位発熱量 kJ/kg	8300	6400	7600	5500	6950	6300	6100	6000	6100	6125	6300	7300	5700	5800	6275	6300	6900	5400	7300	6475	
高位発熱量 kJ/kg	11100	9500	10100	8100	9700	8900	8900	9100	8600	8875	9000	10200	8500	8400	9025	9000	9500	7900	9800	9050	

試料採取日	H26.5.22	H26.8.14	H26.11.13	H27.2.10	平均値	H27.5.14	H27.8.12	H27.11.12	H28.2.3	平均値	H28.6.9	H28.9.8	H28.12.1	平均値					平均値	
試料重量 kg	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
見掛け比重 kg/L	230	180	180	180	192.5	220	210	150	220	200	180	220	230	210						
見掛け比重(乾燥) kg/L	100	90	90	90	92.5	110	110	80	100	100	80	100	120	100						
3成分	水分	54.6%	52.5%	50.1%	48.8%	51.5%	52.0%	49.0%	45.0%	57.0%	50.8%	57.0%	54.0%	50.0%	53.7%					
	灰分	6.4%	4.5%	4.9%	4.2%	5.0%	4.0%	4.0%	6.0%	4.0%	4.5%	6.0%	4.0%	7.0%	5.7%					
	可燃物	39.0%	43.0%	45.0%	47.0%	43.5%	44.0%	47.0%	49.0%	39.0%	44.8%	37.0%	42.0%	43.0%	40.7%					
物理的組成	紙・布類	58.3%	57.1%	57.1%	56.2%	57.2%	58.3%	51.8%	54.2%	50.2%	53.6%	54.3%	54.0%	57.3%	55.2%					
	木・竹・わら類	6.0%	7.6%	7.0%	6.9%	6.9%	9.5%	9.0%	6.6%	7.3%	8.1%	6.9%	3.9%	4.2%	5.0%					
	ビニール・塩ビ類	17.0%	15.0%	16.0%	17.0%	16.3%	11.0%	19.0%	19.0%	16.0%	16.3%	24.0%	16.0%	9.2%	16.4%					
	その他合成樹脂	5.1%	4.1%	3.6%	4.0%	4.2%	1.3%	11.0%	8.6%	6.7%	6.9%	5.8%	12.0%	10.0%	9.3%					
	生ゴム・皮革類	1.0%	1.0%	1.0%	1.3%	1.1%	0.8%	1.1%	1.0%	2.2%	1.3%	0.5%	1.7%	3.7%	2.0%					
	容器包装(再計上)	8.5%	7.0%	8.5%	8.5%	8.1%	7.0%	7.0%	8.5%	9.0%	7.9%	11.0%	9.0%	2.1%	7.4%					
	厨芥類	7.6%	8.4%	9.4%	9.2%	8.7%	8.2%	4.9%	6.3%	6.6%	6.5%	4.7%	7.2%	5.1%	5.7%					
	不燃物類	1.5%	3.9%	3.3%	3.4%	3.0%	7.0%	0.6%	1.1%	3.3%	3.0%	1.4%	2.7%	3.9%	2.7%					
	その他	3.5%	2.9%	2.6%	2.0%	2.8%	3.9%	2.6%	3.2%	7.7%	4.4%	2.4%	2.5%	6.6%	3.8%					
	元素	炭素	43.0%	42.0%	42.0%	42.0%	42.3%	41.0%	43.0%	44.0%	41.0%	42.3%	38.0%	43.0%	39.0%	40.0%				
水素		8.1%	13.4%	6.8%	7.8%	9.0%	7.3%	9.4%	12.0%	6.4%	8.8%	5.6%	5.8%	5.7%	5.7%					
窒素		1.3%	0.6%	1.2%	1.2%	1.1%	<0.3	1.1%	0.4%	0.5%	0.7%	0.9%	0.6%	0.7%	0.7%					
硫黄		0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%					
塩素		0.4%	0.2%	0.2%	0.4%	0.3%	0.3%	0.4%	0.2%	0.2%	0.3%	0.5%	0.4%	0.3%	0.4%					
酸素		33.0%	34.0%	40.0%	40.0%	36.8%	43.0%	38.0%	34.0%	42.0%	39.3%	40.0%	40.0%	40.0%	40.0%					
その他		14.2%	9.8%	9.8%	8.5%	10.6%	8.0%	8.0%	9.4%	9.8%	8.8%	14.9%	10.1%	14.2%	13.1%					
低位発熱量 kJ/kg	5400	5500	5300	6200	5600	5200	5800	5400	5300	5425	3600	6100	5600	5100						
高位発熱量 kJ/kg	8600	9900	8100	9200	8950	8200	9100	9100	8200	8650	6300	8700	8100	7700						