

ENERGY MANAGEMENT FY1819

Carem M site		PIC	Disposal Method	Jun-15	Jun-16	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19		
Location / Site	Ton			Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used	Total Used		
Energy																																
Electricity	KWh			4,507,069	4,294,486	4,467,946	4,668,512	4,522,484	4,396,148	4,535,867	4,434,324	4,622,145	4,374,951	3,855,696	4,289,362	4,224,949	4,516,944	4,098,422	4,492,288	4,451,600	4,299,533	4,545,504	4,366,700	4,463,677	4,467,122	3,750,381	4,367,093	4,163,285				
Gas (cafeteria use only)	Kg																															
Water	M3			76,915	64,621	73,809	83,271	83,319	79,017	91,133	82,072	81,141	87,433	76,977	80,438	69,547	83,638	69,377	85,704	71,645	55,613	71,591	62,135	59,869	63,349	62,241	63,890	62,647				
Waste (broken down in to categories)																																
Cardboard	Metric Tonnes	Fac Recycling		3,111	2,337	3,010	3,200	2,900	2,900	2,800	3,200	2,700	2,900	2,800	2,810	2,910	2,840	2,750	2,820	2,910	2,850	2,830	2,920	2,820	2,850	2,830	2,820	2,850	2,100	2,200		
Paper	Metric Tonnes	Fac Recycling		0	0.04	0.03	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.03	0.03	0.02	
Wood	Metric Tonnes	Fac Reuse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Plastic	Metric Tonnes	Fac Recycling		1.41	1.05	1.25	1.20	1.21	1.23	1.20	1.32	1.20	1.35	1.22	1.30	1.22	1.30	1.22	1.26	1.23	1.25	1.28	1.26	1.30	1.28	1.26	1.10	1.10				
Aluminium	Metric Tonnes	Fac Recycling		0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.007	0.004	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.004
Metal	Metric Tonnes	EHS Recycling		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	0	0	0	0
Food wastane	Metric Tonnes	EHS Landfill		6.408	3.81	4.67	5.121	4.521	4.670	4.32	4.881	4.141	4.505	4.094	3.894	4.167	3.983	4.981	4.463	5.109	4.893	4.328	5.082	4.781	4.902	4.652	4.341	5.012				
General Rubbish /mold cull	Metric Tonnes	Fac Landfill		37.140	36.218	20.74	24.52	25.15	24.6	19.67	24.59	21.7	25.53	23.32	24.2	20.15	22.33	20.43	20.44	23.85	29.37	23.54	23.84	17.49	18.64	18.72	20.18	17.71				
WG1 non hazardous Waste (Tonnes)	Metric Tonnes			43.548	40.028	29.937	33.671	33.968	33.517	28.137	33.658	29.888	34.410	31.350	32.391	28.361	30.569	29.506	28.959	33.044	38.468	32.032	33.037	26.535	27.676	27.516	27.756	25.846	0.000	0.000		
Scheduled Wastes																																
SW 306 - Spent hydraulic oil	Metric Tonnes	ESH Recovery		0.000	0.000	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	0	0
SW 305 - Spent Lubricating Oil	Metric Tonnes	ESH Recovery		0.000	0.000	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	0	0
SW307 - Spent mineral Oil Water Emulsion	Metric Tonnes	ESH Recovery		0.000	0.000	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	0	0
SW 322 - Waste of non-halogenated organic solvents	Metric Tonnes	ESH Recovery		0.000	0.000	0.4	0	0.480	0	0	0.24	0	0	0	0	0.4	0	0	0	0.440	0.12	0.12	0	0	0	0	0	0	0	0.260		
SW 409 - Disposed containers scheduled wastes.	Metric Tonnes	ESH Recycle		0.000	0.000	0.00	0.00	0.00	0.02	0	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0	0	0	0.058				
SW 410 - Rags, plastics, papers or filters contaminated with scheduled wastes	Metric Tonnes	ESH Recycle		0.000	0.000	0.9	0.0	0.0	0.0	1.7	0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.4	0.0	0.4	0.0	0.9	0	0	0	0	0.561				
SW 416 - Sludges of paints.	Metric Tonnes	ESH Landfill		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SW 103 - Waste of batteries containing cadmium and nickel or mercury or lithium	Metric Tonnes	ESH Recovery		0.000	0.000	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	0	0
SW 417 - Expired Paint	Metric Tonnes	ESH Recovery		0.000	0.000	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	0	0
SW204 - Metal Hydroxide Sludge	Metric Tonnes	ESH Recovery		9.428	0.000	11.287	11.501	14.692	12.074	10.11	10.474	12.417	12.35	11.121	14.9	14.511	11.622	23.252	14.87	19.004	9.072	9.646	0	10.153	11.738	10.741	10.049	10.519				
SW301 - Spent Organic Acid (Mixed Acid)	Metric Tonnes	ESH Recovery		0.000	0.000	0.746	0	0	0.442	0	0	0.963	0	0	0	0	1.803	0	0	0	0.8	0.98	0.98	0	0	0	0	0.770				
SW325 - Uncured Resin waste	Metric Tonnes	ESH Recovery		0.000	0.040	0	0.02	0.035	0.0	0.025	0	0	0	0	0	0.035	0	0.02	0	0.0	0.103	0	0.0793	0	0	0	0.023					
SW 102 - Waste containing mercury (Fluorescent Tube)	Metric Tonnes	ESH Recovery		0.000	0.000	0.154	0	0	0	0	0	0	0	0	0.114	0	0	0	0.1	0.1	0	0	0.11	0	0	0	0	0	0	0	0	
SW104 - Solder paste/bar/ball	Metric Tonnes	ESH Recovery		0.000	0.000	0.05	0	0	0	0	0	0	0	0	0.03	0	0.03	0	0	0	0	0	0.03	0	0	0	0.033					
SW404 - Clinical Waste	Metric Tonnes	ESH incinerated		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0	0	0	0.000				
Sand	Metric Tonnes	ESH Recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.000				
SW 110 - Electronics Waste/Copper	Metric Tonnes	ESH Recycle		10.104	8.252	5.099	10.142	7.995	9.074	10.248	9.6679	3.185	12.125	5.651	11.194	9.667	11.268	7.721	9.588	9.172	9.151	11.739	7.0189	7.333	11.738	6.0937	4.4188	6.910				
WG2 Hazardous Waste (Tonnes)	Metric Tonnes			19.530	8.292	18.987	21.713	22.722	22.070	22.075	20.142	16.807	24.475	16.772	27.977	24.243	25.094	31.023	30.911	28.276	19.833	22.586	8.122	18.751	23.477	16.835	14.468	19.134	0.000	0.000		
Total WG1 +WG2	Metric Tonnes			63.078	48.320	48.524	55.383	56.690	55.587	50.212	53.800	46.695	58.885	48.122	60.363	52.604	55.663	60.529	59.870	61.320	58.301	54.620	41.159	45.286	51.153	44.351	42.224	44.980	0.000	0.000		