				Emission factor entry, $kgCO_2e$/unit					
Notes	**Classification**	**Emission Source**	**Unit**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**
	Energy based factors	Grid Electricity	kWh	0.661	0.661	0.661	0.661	0.661	0.661
	Energy based factors	Grid Electricity T&D Losses	kWh	0.056	0.056	0.056	0.056	0.056	0.056
Litres must be converted to kWh	Energy based factors	Burning Oil	kWh	0.247	0.247	0.247	0.250	0.250	0.247
Emissions per unit of heat delivered to council assets	Energy based factors	District Heating	kWh	0.067	0.055	0.075	0.026	0.043	0.047
Tonnes must be converted to kWh	Energy based factors	Wood pellets	kWh	0.016	0.016	0.015	0.011	0.011	0.011
Litres must be converted to kWh	Energy based factors	LPG	kWh	0.214	0.214	0.214	0.210	0.210	0.021
Litres must be converted to kWh	Energy based factors	Diesel	kWh	0.245	0.241	0.237	0.240	0.252	0.239
Litres must be converted to kWh	Energy based factors	Gas oil	kWh	0.257	0.257	0.257	0.260	0.260	0.256
Litres must be converted to kWh	Energy based factors	Marine Gas Oil	kWh	0.258	0.258	0.258	0.260	0.258	0.258
Litres must be converted to kWh	Energy based factors	Aviation Spirit	kWh	0.245	0.245	0.244	0.240	0.244	0.244
Litres must be converted to kWh	Energy based factors	Sustainable Aviation Fuel	kWh	0.122	0.122	0.122	0.122	0.122	0.122
	Energy based factors	Hydrogen (Green)	kWh	0.000	0.000	0.000	0.000	0.000	0.000
Litres must be converted to kWh	Energy based factors	Biodiesel	kWh	0.003	0.018	0.018	0.018	0.239	0.018
	Usage based factors	Water Supply	cubic meters	0.344	0.344	0.149	0.149	0.177	0.153
	Usage based factors	Water Treatment	cubic meters	0.708	0.708	0.272	0.272	0.201	0.186
	Usage based factors	Water		1.052	1.052	0.421	0.421	0.378	0.339
Average - Assumed R410a in 2019	Usage based factors	Refrigerants	kg	2,088.000	2,088.000	2,088.000	2,088.000	1,924.000	1,924.000
Note that this is average annual emissions factor	Usage based factors	ERP	tonnes	616.575	616.575	616.575	616.575	616.575	616.575
	Usage based factors	ERP-CCS	tonnes	0.000	0.000	0.000	0.000	0.000	0.000
	Usage based factors	Landfill - Food & drink / organ	tonnes	605.605	605.590	605.581	605.576	678.929	693.799
	Usage based factors	Landfill - Commercial & Indu	tonnes	131.290	159.600	98.560	154.820	146.430	146.430
	Usage based factors	Landfill - MSW	tonnes	565.160	416.055	424.948	424.924	475.764	490.634
	Usage based factors	Landfill - Textiles	tonnes	423.674	423.659	423.674	423.645	475.402	490.272
	Usage based factors	Landfill - Glass	tonnes	8.989	8.934	8.902	8.883	8.884	8.884
	Usage based factors	Landfill - Wood	tonnes	806.763	806.748	806.739	806.734	903.964	918.834
	Usage based factors	Recycling - All metals	tonnes	21.354	21.317	21.294	21.280	21.281	6.411
	Usage based factors	Recycling - Paper / board	tonnes	21.354	21.317	21.294	21.280	21.281	6.411
	Usage based factors	Recycling - Glass	tonnes	21.354	21.317	21.294	21.280	21.281	6.411
	Distance based factors	Petrol	km	0.18084	0.1743	0.174	0.171	0.164	0.165
	Distance based factors	BEV	km	0.05549	0.05728	0.055	0.051	0.055	0.047
	Distance based factors	Taxi	km	0.15018	0.14549	0.149	0.149	0.149	0.149
	Distance based factors	Rail Travel	km	0.04115	0.03694	0.037	0.035	0.035	0.035
	Distance based factors	Air Travel	km	0.25493	0.2443	0.246	0.246	0.273	0.273
	Distance based factors	Unknown Transport Fuel	km	0.1771	0.1714	0.172	0.171	0.167	0.167
	Distance based factors	Local bus	km	0.12076	0.1195	0.118	0.108	0.118	0.130
	Distance based factors	Degraded Peatland	hectares	10537.2261	10537.2261	10537.2261	10537.2261	10537.2261	10537.2261