

Harlow council greenhouse gas emissions: Annual comparison

Annual emissions 2017 to 2018

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	799,916		108,544	908,460
Electricity		698,246	65,284	763,531
Operational vehicles - petrol	8,064		532	8,596
Operational vehicles - diesel	6,535		1,571	8,105
Staff business travel	30,328		7,917	38,845
Veolia fleet	305,233		73,346	378,579
HTS (Property and Environment) Ltd fleet	461,615		111,025	572,640
HTS (Property and Environment) Ltd LPG	7,397		6,538	13,935

Annual emissions 2016 to 2017

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	674,535		91,614	766,148
Electricity		909,650	82,776	997,934
Operational vehicles - petrol	0		9	9
Operational vehicles - diesel	18,308		3,839	22,277
Staff business travel	36,368		7,343	43,979
Veolia fleet	283,041		59,439	344,949
Kier Harlow Ltd and HTS (Property and Environment) Ltd fleet	356,404		74,725	433,717
Kier Harlow Ltd and HTS (Property and Environment) Ltd LPG	0		0	0

Annual emissions 2015-16

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	541,358		73,526	614,884
Electricity		930,718	84,184	1,014,902
Operational vehicles - petrol	4,459		881	5,340
Operational vehicles - diesel	16,985		3,536	20,521
Staff business travel	44,263		8,872	53,135
Veolia fleet	153,958		32,052	186,010
Kier Harlow Ltd fleet	343,837		71,563	415,400
Kier Harlow Ltd LPG	0		0	0

Annual emissions 2014-15

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	690,293		93,117	784,834
Electricity		1,035,637	86,216	1,130,188
Operational vehicles - petrol	2,850		561	3,411
Operational vehicles - diesel	11,855		2,607	14,545
Staff business travel	42,678		9,228	51,906
Veolia fleet	164,400		35,894	200,295
Kier Harlow Ltd fleet	488,212		118,989	607,200
Kier Harlow Ltd LPG	6,240		784	13,256

Annual emissions 2013-14

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	758,109		101,765	859,874
Electricity		1,141,201	99,793	1,240,994
Operational vehicles - petrol	33		0	0
Operational vehicles - diesel	16,532		3,596	20,128
Staff business travel	45,838		9,413	55,251
Veolia fleet			171,060	171,060
Kier Harlow Ltd fleet			587,369	587,369

Annual emissions 2012-13

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	916,702		94,734	1,011,463
Electricity		1,202,646	160,216	1,363,155
Operational vehicles - petrol	80		14	95
Operational vehicles - diesel	6,895		1,475	8,421
Staff business travel	48,719		9,882	58,901
Veolia fleet			194,995	194,995
Kier Harlow Ltd fleet			846,895	846,895

Annual emissions 2011-12

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	817,427		79,917	897,344
Electricity		1,270,127	167,197	1,437,324
Operational vehicles - petrol	80		14	94
Operational vehicles - diesel	20,596		1,978	12,275
Staff business travel	118,442		10,701	69,922
Veolia fleet			265,138	265,138
Kier Harlow Ltd fleet			673,986	673,986
Kier Harlow Ltd LPG			16,691	16,691

Annual emissions 2010-11

Emission	Scope 1 (kg CO2e)	Scope 2 (kg CO2e)	Scope 3 (kg CO2e)	Total (kg CO2e)
Natural gas	1,177,669		114,378	1,292,048
Electricity		1,600,542	210,922	1,811,465
Operational vehicles - petrol	15,492		2,776	18,268
Operational vehicles - diesel	5,565		1,067	6,633
Staff business travel			76,832	76,832
Veolia fleet			290,888	290,888
Kier Harlow Ltd fleet			409,666	409,666
Kier Harlow Ltd LPG			32,434	32,434

