

**Ketton summary of emissions**

	<b>Baseline</b>	<b>2005 Actual</b>	<b>2006 Actual</b>
<b>Air</b>	kg/year	kg/year	kg/year
<b>Major emissions</b>			
sulphur dioxide	424,216	65,441	58,389
oxides of nitrogen	2,889,670	3,186,390	1,987,955
dust	297,467	201,392	237,595
hydrogen chloride	8,795	12,387	16,394
carbon monoxide	2,472,200	2,556,107	2,160,825
dust from kilns	128,955		60,026
total organic carbon	132,615	65,466	54,241
<b>Trace emissions</b>			
mercury	18.7	7.5	12.0
cadmium	7.8	3.7	4.7
thallium	25.9	7.6	11.9
antimony	13.5	0.6	1.9
arsenic	35.1	2.3	2.9
chromium	36.6	73.3	103.9
cobalt	7.1	4.1	2.6
copper	18.4	9.4	12.0
lead	66.7	12.4	14.7
manganese	198.4	55.3	72.1
nickel	60.9	11.7	32.9
tin	7.8	3.5	2.6
vanadium	151.8	12.3	12.2
	g/year	g/year	g/year
dioxin and furans	0.063	0.052	0.022
<b>Environmental burden air</b>	<b>146,968</b>	<b>97,453</b>	<b>68,424</b>
<b>Climate change</b>	kg/year	kg/year	kg/year
direct emission	1,016,153	1,019,576	1,027,299
CO <sub>2</sub> neutral	960,502	962,024	906,737
<b>Water</b>	kg/year	kg/year	kg/year
<b>Major emissions</b>			
volume abstracted	716,257,000	588,609,000	557,485,875
volume discharged	388,362,200	190,183,000	192,457,699
suspended solids	5,430	1,902	1,925
<b>Trace emissions</b>			
arsenic	0.075	0.075	0.076
cadmium	0.004	0.004	0.004
chromium	0.360	0.360	0.365
copper	0.161	0.161	0.163
lead	2.984	2.984	3.020
mercury	0.000	0.000	0.000
nickel	0.961	0.961	0.973
zinc	0.415	0.415	0.420
<b>Environmental burden water</b>	<b>543</b>	<b>190</b>	<b>193</b>
<b>Total environmental burden</b>	<b>14,7511</b>	<b>97,643</b>	<b>68,617</b>
<b>Waste</b>	kg/year	kg/year	kg/year
non hazardous waste disposal	15,651,537	2,054,500	1,867,890
hazardous waste disposal	642,323	387,606	1,618,000
hazardous waste recovery	36,505	91,698	80,957
non hazardous waste recovery	342,000	292,580	184,380
<b>Complaints</b>			
dust	112	114	141
plume related	9	4	2
noise/vibration	5	25	41
other	3	0	2
total	129	143	186