

**Ribblesdale 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	5,188,305	2,122,239	61,491
oxides of nitrogen	2,357,718	1,593,481	1,142,711
dust	411,393	250,224	140,072
hydrogen chloride	61,447	69,493	820
carbon monoxide	2,899,363	1,468,859	3,843,197
dust from kilns	152,024	106,809	30,666
total organic carbon	101,906	115,555	53,805
<b>Trace emissions</b>			
mercury	21.8	8.3	0.0
cadmium	11.9	5.7	1.3
thallium	14.6	17.2	19.6
antimony	40.0	11.1	10.4
arsenic	21.6	1.9	2.3
chromium	70.0	37.5	30.2
cobalt	7.9	6.6	6.0
copper	54.3	21.8	9.0
lead	486.6	336.2	37.9
manganese	304.7	111.8	129.3
nickel	50.0	46.6	15.1
tin	12.1	11.9	4.6
vanadium	20.5	4.2	8.2
	g/year	g/year	g/year
dioxin and furans	0.955	0.152	0.019
<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	1,114,565	1,003,847	605,816
CO <sub>2</sub> neutral	1,057,379	932,242	553,858
<b>Water</b>	kg/year	kg/year	kg/year
<b>Major emissions</b>			
volume abstracted	792,000,000	400,000,000	260,993,000
volume discharged	136,760,365	128,654,260	128,654,260
suspended solids	1,916	1,480	1,171
<b>Trace emissions</b>			
arsenic	0.062	0.011	0.009
cadmium	0.008	0.006	0.005
chromium	0.417	0.322	0.255
copper	0.021	0.017	0.013
lead	0.054	0.016	0.033
mercury	0.002	0.002	0.001
nickel	0.103	0.080	0.063
zinc	0.077	0.059	0.047
<b>Environmental burden water</b>	<b>192</b>	<b>148</b>	<b>117</b>
<b>Total environmental burden</b>	<b>147,160</b>	<b>97,601</b>	<b>68,541</b>
<b>Waste</b>	kg/year	kg/year	kg/year
non hazardous waste disposal	26,818,200	662,600	384,000
hazardous waste disposal	53,280	2,680,000	2,007,100
hazardous waste recovery	74,283	55,320	69,262
non hazardous waste recovery	490,351	8,734,100	287,200
<b>Complaints</b>			
dust	18	6	9
plume related	215	14	15
noise/vibration	5	7	12
other	22	3	1
total	260	30	37