

Padeswood summary of emissions

	Baseline	2005 Actual	2006 Actual
Air	kg/year	kg/year	kg/year
Major emissions			
sulphur dioxide	3,998,872	411,295	85,173
oxides of nitrogen	2,323,451	1,067,467	963,642
dust	77,561	22,174	22,374
hydrogen chloride	16,311	8,126	979
carbon monoxide	1,139,776	498,623	1,115,320
dust from kilns	61,686	11,840	2,288
total organic carbon	391,614	72,225	36,037
Trace emissions			
mercury	28.6	1.2	20.7
cadmium	11.8	3.2	2.0
thallium	27.9	24.2	0.3
antimony	9.1	0.1	0.6
arsenic	3.3	0.3	0.3
chromium	13.2	10.5	26.4
cobalt	5.3	0.8	0.2
copper	6.6	2.4	2.7
lead	770.1	1847.0	7.3
manganese	44.5	2.5	5.9
nickel	20.5	2.4	7.4
tin	3.2	1.2	0.7
vanadium	8.2	1.8	0.3
	g/year	g/year	g/year
dioxin and furans	1.299	0.269	0.002
Environmental burden air	151,293	42,528	29,125
Climate change	kg/year	kg/year	kg/year
direct emission	436,719	301,246	623,006
CO ₂ neutral	436,719	301,246	615,275
Water	kg/year	kg/year	kg/year
Major emissions			
volume abstracted	332,613,000	92,038,294	46,310,000
volume discharged	120,480,000	1,400,000	3,970,000
suspended solids	8,369	27	27
Trace emissions			
arsenic	0.083	0.001	0.000
cadmium	0.038	0.000	0.000
chromium	0.212	0.083	0.001
copper	0.163	0.069	0.000
lead	0.374	0.289	0.001
mercury	0.029	0.019	0.000
nickel	0.327	0.042	0.001
zinc	0.313	0.136	0.001
Environmental burden water	837	3	3
Total environmental burden	152,130	45,531	29,128
Waste	kg/year	kg/year	kg/year
non hazardous waste disposal	6,722,500	13,947,000	9,953,600
hazardous waste disposal	150,333	30,815	13,530
hazardous waste recovery	34,059	27,907	56,520
non hazardous waste recovery	482,667		
Complaints			
dust	36	84	174
plume related	16	38	36
noise/vibration	7	44	111
other	0	3	1
total	59	169	322