

FDS, BP, Bayshore Emission comparisons

	<u>BP</u>	<u>Bayshore</u>	<u>TOTAL</u>	<u>2007 coke</u>	<u>% Increase</u>	<u>coke-bp</u>	<u>coke-bay</u>
PE	756,000	1,230,000	1,986,000	1,380,000	69%	624,000	150,000
PM10	638,000	804,000	1,442,000	498,000	35%	-140,000	-306,000
SO2	2,202,000	27,034,000	29,236,000	2,594,000	9%	392,000	-24,440,000
NOX	4,438,000	16,632,000	21,070,000	2,064,000	10%	-2,374,000	-14,568,000
CO	2,330,000	914,000	3,244,000	570,000	18%	-1,760,000	-344,000
Lead	0	320	320	400	125%	400	80
VOC	1,598,000	103,140	1,701,140	180,000	11%	-1,418,000	76,860
HAP			0	230,000	???	230,000	230,000
Mercury		232	232	51	22%	51	-181
	<u>11,962,000</u>	<u>46,717,692</u>	<u>58,679,692</u>	<u>7,516,451</u>	<u>13%</u>	<u>-4,445,549</u>	<u>-39,201,241</u>

Source BP and Bayshore Toxic Release Inventory 2002

Coke plant - OEPA permit

BP	tons	pounds	Bayshore	tons	
PE	378	756,000	PE	615	1,230,000
PM10	319	638,000	PM10	402	804,000
SO2	1101	2,202,000	SO2	13517	27,034,000
NOX	2219	4,438,000	NOX	8316	16,632,000
CO	1165	2,330,000	CO	457	914,000
Lead		0	Lead	0.16	320
VOC	799	1,598,000	VOC	51.57	103,140
HAP			HAP		
		<u>11,962,000</u>		<u>23358.73</u>	<u>46,717,460</u>

Pollutant lbs/yr	Old Toledo Front St. Coke Plant	FDS 2004 OEPA Permit	FDS 2007 Proposed Modified Permit
Sulfur Dioxide, SO2	1,059,920	2,142,000	2,594,000
Carbon Monoxide, CO	424,200	612,000	570,000
Nitrogen Oxide, NOX	168,980	2,100,000	2,064,000
VolatileOrg.Comp. VOC	490,303	188,000	180,000
Particulates, PM2.5	97,610	1,480,000	1,380,000
Particulates, PM10	181,000	566,000	498,000
Lead	?	260	400
Mercury(is a HAP)	?	36	51
iz. Air Pollutants, HAP's	<u>13,400</u>	<u>12,840</u>	<u>230,000</u>
TOTALS	2,435,413	7,101,136	7,516,451