

**ALAM SEKITAR**  
 ENVIRONMENT

**20.1 PELEPASAN BAHAN PENCEMAR UDARA**  
 AIR POLLUTANT EMISSION

Tahun Year	000 Tan metrik / Tonnes			
	Jenis / Type			
	CO	NO <sub>2</sub>	SO <sub>2</sub>	PM
2007	1,774.4	563.1	157.1	38.8
2008	1,451.7	410.0	161.9	31.7
2009	1,621.3	756.4	179.9	27.7
2010	1,681.4	740.0	174.8	27.0
2011	1,759.2	770.1	190.1	26.7
2012	1,873.7	877.4	198.5	6.0

Sumber : Jabatan Alam Sekitar (JAS)  
 Source : Department of Environment (DOE)

**20.2 BUANGAN TERJADUAL**  
 SCHEDULED WASTE

Negeri State	2008	2009	2010	2011	2012
	Tan metrik / Tonnes				
<b>Malaysia</b>	<b>1,304,899</b>	<b>1,705,308</b>	<b>1,880,929</b>	<b>1,622,032</b>	<b>1,708,709</b>
Johor	313,235	338,101	295,207	345,342	344,157
Kedah	45,992	53,496	147,349	117,057	103,266
Kelantan	1,617	1,846	2,064	1,877	2,013
Melaka	18,175	16,800	21,243	21,298	25,579
Negeri Sembilan	44,948	236,345	55,573	198,711	27,889
Pahang	13,308	7,334	69,407	106,248	84,535
Perak	189,188	182,332	224,786	49,392	243,174
Perlis	825	873	2,116	1,932	2,503
Pulau Pinang	60,559	257,089	273,370	194,279	146,637
Sabah	4,474	4,563	5,297	7,054	5,380
Sarawak	36,355	32,486	54,932	42,775	140,392
Selangor	245,471	197,923	211,411	212,247	219,981
Terengganu	322,432	367,701	506,227	302,641	357,094
W.P. Kuala Lumpur	4,994	7,359	9,537	18,662	3,861
W.P. Labuan	3,327	1,060	2,410	2,518	2,247

Sumber : Jabatan Alam Sekitar (JAS)  
 Source : Department of Environment (DOE)



**20.3 KUALITI AIR SUNGAI**  
*RIVER WATER QUALITY*

Kategori <i>Category</i>	2008		2009		2010		2011		2012	
	Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
<b>Tercemar</b> <i>Polluted</i>	7	4.9	9	6.3	13	9.2	11	7.8	12	8.6
<b>Sederhana tercemar</b> <i>Slightly polluted</i>	60	42.0	64	44.8	65	45.4	53	37.9	54	38.6
<b>Bersih</b> <i>Clean</i>	76	53.1	70	48.9	65	45.4	76	54.3	74	52.8
<b>Bilangan lembangan sungai yang diawasi</b> <i>Number of river basins monitored</i>	143	100.0	143	100.0	143	100.0	140	100.0	140	100.0

Sumber : Jabatan Alam Sekitar (JAS)  
Source : Department of Environment (DOE)

**Indeks kualiti Air**  
*Water Quality Index*

**Kategori**  
*Category*

0 - 59

**Tercemar**  
*Polluted*

60 - 80

**Sederhana Tercemar**  
*Slightly Polluted*

81 - 100

**Bersih**  
*Clean*

