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2011

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Kementerian Sumber Asli Dan Alam Sekitar
Aras 1-4, Podium 2 & 3, Wisma Sumber Asli
No. 25 Persiaran Perdana, Presint 4, 62574 Putrajaya
Tel : 03 - 8871 2000/2002 Faks : 03 - 8889 1036

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Pengenalan / Introduction

Jabatan Alam Sekitar / Department of Environment

Pengurusan alam sekitar di Malaysia telah menjadi lebih sistematik apabila Akta Kualiti Alam Sekeliling (AKAS) diwartakan pada 14 Mac 1974. Turutan dari itu sebuah agensi penguatkuasa, Bahagian Alam Sekitar (mula dikenali sebagai Jabatan Alam Sekitar pada tahun 1983) telah ditubuhkan pada tahun 1975. Kini, Jabatan Alam Sekitar (JAS) mempunyai 1,645 tenaga kerja (apabila beroperasi sepenuhnya) yang ditempatkan di 15 buah Pejabat Negeri dan 25 buah Pejabat Cawangan di seluruh negara. Fungsi utama JAS ialah untuk mencegah, menghapus, mengawal dan membaiki alam sekeliling melalui penguatkuasaan AKAS, 1974 dan Peraturan-Peraturan di bawahnya / *Environmental management in Malaysia became more focused with the gazettelement of the Environmental Quality Act (EQA) on 14 March 1974. From thereon, an enforcement agency named Environment Division (known as Department of Environment (DOE) in 1983) was institutionalised in 1975. Presently, the Department is empowered with 1,645 staffs (on full operation), extending its operation through 15 States Offices and 25 Branch Offices. The Department's main role is to prevent, control and abate pollution through the enforcement of the EQA, 1974 and its Subsidiary Legislations made thereunder.*

Visi / Vision

*Pemuliharaan alam sekitar untuk kesejahteraan rakyat/
Environmental conservation for the well-being of the people*

Misi / Mission

*Memastikan pembangunan lestari di dalam proses memajukan negara/
To ensure sustainable development in the process of nation building.*

Fungsi / Function

Mentadbir dan Menguatkuasa Akta Kualiti Alam Sekeliling, 1974
dan Bahagian IV, Akta Zon Ekonomi Eksklusif, 1984

*To administer and enforce the Environment Quality Act, 1974
(Amendments 1985, 1996), and Section IV of the Exclusive
Economic Zone Act, 1984*

Strategi / Strategies

- **Pembangunan Lestari melalui Pemuliharaan Sumber Semulajadi**
Sustainable Development through Conservation of Resources
- **Integrasi Faktor Alam Sekitar dalam Perancangan Pembangunan**
Integration of Environmental Factors in Development Planning
- **Pencegahan dan Kawalan Pencemaran**
Pollution Control and Prevention
- **Promosi Pendidikan dan Kesedaran Alam Sekitar**
Promotion of Environment Education and Awareness
- **Kerjasama Antara Agensi dan Persekutuan Negeri**
Inter-agency and Federal-State Cooperation
- **Penyertaan Awam dalam Pengurusan Alam Sekitar**
Public Participation in Environment Management
- **Kerjasama dan Hubungan Dua Hala, Serantau dan Antarabangsa**
Bilateral, Regional and International Cooperation

AKTA KUALITI ALAM SEKELILING, 1974 DAN PERATURAN-PERATURAN DI BAWAHNYA ENVIRONMENTAL QUALITY ACT, 1974 (ACT 127) & SUBSIDIARY LEGISLATION

- Akta Kualiti Alam Sekeliling, 1974 [Akta 127] / *Environmental Quality Act, 1974 [Act 127]*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Pelesenan), 1977 / *Environmental Quality (Licensing) Regulations, 1977*
- Perintah Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Minyak Kelapa Sawit Mentah), 1977 / *Environmental Quality (Prescribed Premises) (Crude Palm Oil) Order, 1977*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Minyak Kelapa Sawit Mentah), 1977 / *Environmental Quality (Prescribed Premises) (Crude Palm Oil) Regulations, 1977*
- Perintah Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Getah Asli Mentah), 1978 / *Environmental Quality (Prescribed Premises) (Raw Natural Rubber) Order, 1978*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Udara Bersih), 1978 / *Environmental Quality (Clean Air) Regulations, 1978*
- Kaedah-Kaedah Kualiti Alam Sekeliling (Mengkompaun Kesalahan Kesalahan), 1978 / *Environmental Quality (Compounding of Offences) Rules, 1978*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Getah Asli Mentah), 1978 / *Environmental Quality (Prescribed Premises) (Raw Natural Rubber) Regulations, 1978*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Kepekatan Plumbum dalam Gasolin Motor), 1985 / *Environmental Quality (Control of Lead Concentration in Motor Gasoline) Regulations, 1985*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Bunyi Bising Kenderaan Motor), 1987 / *Environmental Quality (Motor Vehicle Noise) Regulations, 1987*
- Perintah Kualiti Alam Sekeliling (Aktiviti Yang Ditetapkan) (Penilaian Kesan Kepada Alam Sekeliling), 1987 / *Environmental Quality (Prescribed Activities) (Environmental Impact Assessment) Order, 1987*
- Perintah Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Kemudahan Pengolahan dan Pelupusan Buangan Terjadual), 1989 / *Environmental Quality (Prescribed Premises) (Scheduled Wastes Treatment and Disposal Facilities) Order, 1989*

- Peraturan-Peraturan Kualiti Alam Sekeliling (Premis Yang Ditetapkan) (Kemudahan Pengolahan dan Pelupusan Buangan Terjadual), 1989 / *Environmental Quality (Prescribed Premises) (Scheduled Wastes Treatment and Disposal Facilities) Regulations, 1989*
- Perintah Kualiti Alam Sekeliling (Perwakilan Kuasa Kawalan Pencemaran Marin, 1993 / *Environmental Quality (Delegation of Powers on Marine Pollution Control) Order, 1993*
- Perintah Kualiti Alam Sekeliling (Larangan Ke Atas Penggunaan Klorofluorokarbon dan lain-Lain Gas Sebagai Propelan dan Agen Pengembang), 1993 / *Environmental Quality (Prohibition on the use of Chlorofluorocarbons and Other Gases as Propellants and Blowing Agents) Order, 1993*
- Perintah Kualiti Alam Sekeliling (Perwakilan Kuasa Kawalan Pencemaran Marin), 1994 / *Environmental Quality (Delegation of Powers on Marine Pollution Control) Order, 1994*
- Perintah Kualiti Alam Sekeliling (Larangan Terhadap Penggunaan Bahan Terkawal Di Dalam Sabun, Bahan Pencuci Sintetik dan Agen Pencuci Lain), 1995 / *Environmental Quality (Prohibition on the Use of Controlled Substance in Soap, Synthetic Detergent and Other Cleaning Agents) Order, 1995*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Enjin Diesel), 1996 / *Environmental Quality (Control of Emission from Diesel Engines) Regulations, 1996*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Enjin Petrol), 1996 / *Environmental Quality (Control of Emission from Petrol Engines) Regulations, 1996*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Pengurusan Refrigeran) 1999 / *Environmental Quality (Refrigerant Management) Regulations, 1999*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Pengurusan Halon), 1999 / *Environmental Quality (Halon Management) Regulations, 1999*
- Kaedah-Kaedah Kualiti Alam Sekeliling (Mengkompaun Kesalahan-Kesalahan) (Pembakaran Terbuka), 2000 / *Environmental Quality (Compounding of Offences) (Open Burning) Rules, 2000*
- Perintah Kualiti Alam Sekeliling (Perwakilan Kuasa) (Penyasatan Pembakaran Terbuka), 2000 / *Environmental Quality (Delegation of Powers) (Investigation of Open Burning) Order, 2000*

- Perintah Kualiti Alam Sekeliling (Pewakilan Kuasa) (Pengurusan Halon), 2000 / *Environmental Quality (Delegation of Powers) (Halon Management) Order, 2000*
- Perintah Kualiti Alam Sekeliling (Pewakilan Kuasa) (Perbadanan Putrajaya), 2002 / *Environmental Quality (Delegation of Powers) (Perbadanan Putrajaya) Order, 2002*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Lembaga Rayuan), 2003 / *Environmental Quality (Appeal Board) Regulations, 2003*
- Perintah Kualiti Alam Sekeliling (Aktiviti Yang Diisytiharkan) (Pembakaran Terbuka), 2003 / *Environmental Quality (Declared Activities) (Open Burning) Order, 2003*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Motosikal), 2003 / *Environmental Quality (Control of Emission From Motorcycles) Regulations, 2003*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Dioksin Dan Furan), 2004 / *Environmental Quality (Dioxin and Furan) Regulations, 2004*
- Perintah Kualiti Alam Sekeliling (Pembawa Yang Ditetapkan) (Buangan Terjadual), 2005 / *Environmental Quality (Prescribed Conveyance) (Scheduled Wastes) Order, 2005*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Buangan Terjadual), 2005 / *Environmental Quality (Scheduled Waste) Regulations, 2005*
- Perintah Kualiti Alam Sekeliling (Pewakilan Kuasa), 2005 / *Environmental Quality (Delegation of Powers) Order, 2005*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Kandungan Petrol dan Diesel), 2007 / *Environmental Quality (Control of Petrol And Diesel Properties) Regulations, 2007*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kumbahan), 2009 / *Environmental Quality (Sewage) Regulations, 2009*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pencemaran Daripada Stesen Pemindahan Sisa Pepejal dan Kambus Tanah), 2009 / *Environmental Quality (Control of Pollution From Solid Waste Transfer Station and Landfill) Regulations, 2009*
- Peraturan-Peraturan Kualiti Alam Sekeliling (Efluen Perindustrian), 2009 / *Environmental Quality (Industrial Effluent) Regulations, 2009*

UNDANG-UNDANG LAIN BERKAITAN OTHER ASSOCIATED LEGISLATION

- Akta Zon Ekonomi Eksklusif, 1984 / *Exclusive Economic Zone Act, 1984*
- Perintah Duti Kastam (Pindaan) (No.35),1989 (Berkuatkuasa di bawah Akta Kastam, 1967) / *Custom Duties (Amendment) (No.35) Order, 1989 (made under the Customs Act, 1967)*
- Perintah Promosi Pelaburan (Aktiviti-Aktiviti dan Barangan Barangan Yang Dipromosikan) (Pindaan) (No. 10), 1990 (Berkuatkuasa di bawah Akta Promosi Pelaburan, 1986) / *Promotion of Investment (Promoted Activities and Products (Amendment) (No.10) Order, 1990 (made under the Promotion of Investment Act, 1986)*
- Perintah Kastam (Larangan Import), 1998 (Pindaan) 2006, P.U.(A) 434 / *Customs (Prohibition of Import) Order 1998, (Amendment) 2006, P.U.(A)434*
- Perintah Kastam (Larangan Eksport), 1998 (Pindaan) 2006, P.U.(A)433 / *Customs (Prohibition of Export) Order 1998, (Amendment) 2006, P.U.(A)433*
- Perintah Sumber Asli dan Alam Sekitar Sarawak (Aktiviti Yang Ditetapkan), 1994 / *Sarawak Natural Resources and Environment (Prescribed Activities) Order, 1994*
- Perintah Pemuliharaan Alam Sekitar Sabah (Aktiviti Yang Ditetapkan), 1999 / *Sabah Conservation of Environment (Prescribed Activities) Order, 1999*
- Perintah Zon Ekonomi Eksklusif (Perlantikan Pegawai Yang Diberi Kuasa), 2001[P.U(A)35/2001] / *Exclusive Economic Zone (Appointment of Authorized Officer) Order, 2001[P.U.(A) 35/2001]*

SEKSYEN 1 / SECTION 1: KUALITI UDARA / AIR QUALITY

1 (a) : Indeks Pencemar Udara (IPU) / Air Pollutant Index (API)

Indeks Pencemar Udara (IPU) / Air Pollutant Index (API)	Status Kualiti Udara / Air Quality Status
0-50	Baik / Good
51-100	Sederhana / Moderate
101-200	Tidak Sihat / Unhealthy
201-300	Sangat Tidak Sihat / Very Unhealthy
>300	Berbahaya / Hazardous

 1 (b) : Garispanduan Kualiti Udara Sekeliling di Malaysia /
Malaysian Ambient Air Quality Guidelines

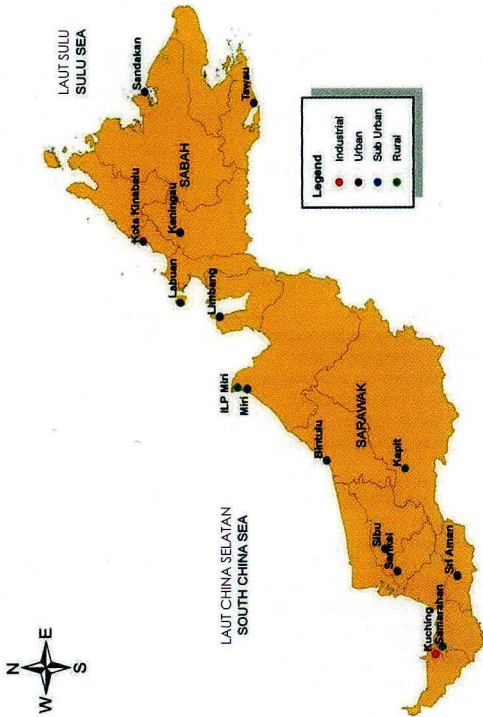
Pencemar / Pollutant	Purata Masa / Averaging Time	Garis Panduan Di Malaysia / Malaysian Guidelines	
		ppm	($\mu\text{g}/\text{m}^3$)
Ozon / Ozone	1 jam / hour	0.10	200
	8 jam / hour	0.06	120
Karbon Monoksida / Carbon Monoxide**	1 jam / hour	30.0	35**
	8 jam / hour	9.0	10**
Nitrogen Dioksida / Nitrogen Dioxide	1 jam / hour	0.17	320
	24 jam / hour	0.04	
Sulfur Dioksida / Sulfur Dioxide	1 jam / hour	0.13	350
	24 jam / hour	0.04	105
Habuk Halus (PM ₁₀) / Particulate Matter (PM ₁₀)	24 jam / hour	-	150
	12 bulan / month		50
Jumlah Pepejal Terampai / Total Suspended Particulate (TSP)	24 jam / hour	-	260
	12 bulan / month		90
Plumbum / Lead	3 bulan / month	-	1.5

 Nota/Note : ** in mg/m^3

1 (c) : Lokasi Stesen Pengawasan Udara Automatik, Semenanjung Malaysia, 2010 / Location of Continuous Air Quality Monitoring Stations, Peninsular Malaysia, 2010



1 (d) : Lokasi Stesen Pengawasan Udara Automatik, Malaysia Timur, 2010 /
Location of Continuous Air Quality Monitoring Stations, East Malaysia, 2010



**SEKSYEN 2 / SECTION 2 : PENGAWASAN BUNYI BISING /
NOISE MONITORING**

2 (a) : Aras Maksimum Bunyi Yang Dibenarkan (LA_{eq}) Di Kawasan
Pembangunan dan Perancangan Guna Tanah /
Maximum Permissible Sound Level (LA_{eq}) of Receiving Land Use
for Planning and Development

Kategori Penggunaan Tanah / Receiving Land Use Category	Siang Hari / Day Time 7:00 a.m. – 10:00 p.m	Malam Hari / Night Time 10:00 p.m. – 7:00 a.m.
Kawasan sensitif bunyi bising, Kawasan kepadatan penduduk yang rendah, Institusi (sekolah, hospital) dan kawasan sembahyang / <i>Noise sensitive areas, low density residential, Institutional (schools, hospital) and worship areas</i>	50 dB (A)	40 dB (A)
Kawasan luar bandar (kepadatan sederhana), kawasan orang ramai, taman-taman dan kawasan rekreasi/ <i>Suburban residential (medium density) areas, public spaces, parks and recreational areas</i>	55 dB (A)	45 dB (A)
Kawasan bandar (kepadatan tinggi) dan kawasan pembangunan terancang (perumahan-komersil) / <i>Urban residential (high density) areas and designated mixed development areas (residential-commercial)</i>	60 dB (A)	50 dB (A)
Zon perniagaan komersil / <i>Commercial business zones</i>	65 dB (A)	55 dB (A)
Kawasan perindustrian / <i>Designated industrial zones</i>	70 dB (A)	60 dB (A)

Sumber / Source : The Planning Guidelines for Environmental Noise Limits and Control, 2004

2 (b) : Aras Maksimum Bunyi Yang Dibenarkan (L_{Aeq}) Di Kawasan Pembangunan Baru (Jalanraya, Laluan Keretapi dan Industri) di dalam kawasan yang telah wujud Dengan Persekitaran Bunyi Bising Yang tinggi / Maximum Permissible Sound Level (L_{Aeq}) of New Development (Roads, Rails and Industrial) in Areas of Existing High Environmental Noise Climate

Kategori Penggunaan Tanah / Receiving Land Use Category	Siang Hari / Day Time 7:00 a.m. – 10:00 p.m	Malam Hari / Night Time 10:00 p.m. – 7:00 a.m.
Kawasan sensitif bunyi dan kepadatan penduduk rendah / Noise sensitive areas and low density residential areas	$L_{90} + 10$ dB (A)	$L_{90} + 5$ dB (A)
Kawasan luar bandar dan bandar / Suburban and Urban Residential Areas	$L_{90} + 10$ dB (A)	$L_{90} + 5$ dB (A)
Kawasan perniagaan dan komersil / Commercial and business areas	$L_{90} + 10$ dB (A)	$L_{90} + 10$ dB (A)
Kawasan perindustrian / Industrial Areas	$L_{90} + 10$ dB (A)	$L_{90} + 10$ dB (A)

Sumber / Source: The Planning Guidelines for Environmental Noise Limits and Control, 2004

Nota / Note: L_{90} is the measured ninety percentile sound level for the respective time period

2 (c) : Aras Had Bunyi Bising (L_{Aeq}) Dari Lalu Lintas Jalanraya (Bagi Cadangan Jalan Baru dan/atau pembaikan jalanraya sedia ada) / Limiting Sound Level (L_{Aeq}) From Road Traffic (For Proposed New Roads and/or Redevelopment of Existing Roads)

Kategori Penggunaan Tanah / Receiving Land Use Category	Siang Hari / Day Time 7:00 a.m. – 10:00 p.m	Malam Hari / Night Time 10:00 p.m. – 7:00 a.m.
Kawasan sensitif bunyi dan kepadatan penduduk rendah / Noise sensitive areas and low density residential areas	55 dB (A)	50 dB (A)
Kawasan luar bandar dan bandar / Suburban and Urban Residential Areas	60 dB (A)	55 dB (A)
Kawasan bandar (kepadatan penduduk tinggi) / Urban residential (high density)	65 dB (A)	60 dB (A)
Perniagaan komersil / Commercial business	70 dB (A)	60 dB (A)
Kawasan perindustrian / Industrial areas	75 dB (A)	65 dB (A)

Sumber / Source: The Planning Guidelines for Environmental Noise Limits and Control, 2004

SEKSYEN 3 / SECTION 3 : KUALITI AIR SUNGAI / RIVER WATER QUALITY

 3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
 Water Quality Status of Clean Rivers, 2010

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)		
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY	
PERLIS	Perlis	Jarum	1	83	81	II	C	
		Jemih	2	81	88	II	C	
		Pelairit	1	90	92	II	C	
		Wang Kelian	1	92	93	I	C	
KEDAH	Merbok	Bukit Merah	1	90	88	II	C	
		Tok Pawang	2	92	91	II	C	
		Tupah	2	95	84	II	C	
	Kisap	Kisap	1	93	92	II	C	
	Ulu Melaka	Petang Ulu Melaka	1	92	93	I	C	
			1	86	82	II	C	
	Kedah	Janing	Pdg Terap	1	94	94	I	C
			Peđu	4	86	81	II	C
Tekai			1	90	86	II	C	
Tekai			1	88	85	II	C	
KEDAH	Muda	Chepir	1	88	90	II	C	
		Karangan	1	88	84	II	C	
		Ketil	2	87	91	II	C	
		Muda	4	87	89	II	C	
		Pegang	1	93	87	I	C	
		Sedim	1	86	88	II	C	
		Tawar	1	90	95	I	C	
P.PINANG	Pinang	Air Terjun	1	94	94	I	C	
	Kluang	Kluang	1	65	86	II	C	
	Perai	Kulim	4	87	81	II	C	
	Jawi	Junjong	3	69	94	I	C	
P.PINANG/ PERAK	Kerian	Kechil	2	83	88	II	C	
		Kerian	4	81	82	II	C	
		Serdang	1	71	81	II	C	
PERAK	Perak	Batang Padang	3	85	81	II	C	
		Bidor	3	83	84	II	C	
		Chepor	1	96	92	II	C	
		Cuar	1	92	88	II	C	
		Kampar	2	87	87	II	C	
		Kangsar	2	87	84	II	C	
		Kinjang	1	90	94	II	C	
		Kuang	1	84	85	II	C	
		Pelus	2	88	83	II	C	
		Perak	8	89	87	II	C	
		Raia	2	87	87	II	C	
		Chenderiang	2	79	91	II	C	
Klah	2	79	91	II	C			

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
Water Quality Status of Clean Rivers, 2010

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
PERAK	Perak	Sungkai	2	84	82	II	C
	Raja Hitam	Derhaka Nyior	2	66	82	II	C
			1	93	94		
	Kurau	Ara	2	94	93	I	C
	Sepetang	Batu Tegoh	3	87	88	II	C
			2	87	94		
			1	87	93		
			2	91	90		
			1	92	93		
	1	84	87	II	C		
Bruas	Bruas Dandang Rotan	3	87	84	II	C	
		1	86	90			
		2	93	91			
PERAK/ SELANGOR	Bernam	Bemam	7	78	86	II	C
		Inki	1	93	93	I	C
		Slim	3	90	86	II	C
		Trolak	2	93	90	II	C
SELANGOR	Langat	Beranang	1	78	84	II	C
		Buan	1	76	81		
		Chuau	2	91	89		
		Lui	1	91	94		
		Jijan	1	77	85		
	1	71	94	I	C		
	Selangor	Batang Kali	1	91	92	II	C
			1	93	92		
			1	94	91		
			5	83	82		
1			86	88			
SELANGOR / WPKL	Klang	Semelah	1	86	84	II	C
	N.SEMBILAN	Linggi	Batang Penar	3	82	92	II
Chembong			1	81	82		
Kundur Besar			1	84	87		
Rembau			2	88	86		
Siput			2	84	83		
Pedas			1	79	81		
MELAKA	Melaka	Durian Tunggal	1	83	82	II	C
		Kemunting	1	88	84		
		Keru	1	88	84		
		Tampin	3	87	95		
	Duyong	Gapam	1	92	86	II	C
JOHOR/ N.SEMBILAN	Muar	Air Panas	1	94	93	I	C
		Juasseh	2	89	90		
		Meda	1	83	83		
		Gemencheh	2	79	81		

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
Water Quality Status of Clean Rivers, 2010

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
JOHOR	Batu Pahat	Batang	1	96	94	I	C
		Chaah	1	91	90	II	C
		Lenik	1	87	86	II	C
		Merek	1	88	81	II	C
	Benut	Parit Hj. Yassin	1	80	85	II	C
	Endau	Anak Sg.Semberong	1	83	84	II	C
		Endau	3	90	89	II	C
		Jasin	1	96	93	I	C
		Kahang	1	87	84	II	C
		Lenggor	1	84	83	I	C
		Paloh	1	86	85	II	C
		Selai	1	94	92	II	C
		Semberong	5	83	81	II	C
	Tamok	1	92	91	II	C	
	Johor	Belitong	1	89	83	II	C
		Bukit Besar	2	87	86	II	C
		Johor	4	85	83	II	C
		Layang	1	92	90	II	C
		Layau Kiri	1	87	88	II	C
		Linggiu	1	90	84	II	C
		Panti	1	83	83	II	C
		Papan	1	89	82	II	C
		Pelepah	2	93	94	I	C
		Penggeli	2	91	86	II	C
		Remis	1	86	84	II	C
		Sayong	4	88	83	II	C
		Semangar	1	88	87	II	C
		Sening	1	91	85	II	C
	Telur	1	92	87	II	C	
	Temoh	1	91	90	II	C	
	Sedili Besar	Ambat	1	87	84	II	C
		Dohol	1	86	81	II	C
		Temubor Kanan	1	89	84	II	C
Paloi	Paloi	1	86	82	II	C	
Mersing	Mersing	2	87	84	II	C	

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
Water Quality Status of Clean Rivers, 2010

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
PAHANG	Anak Endau	Anak Endau	2	84	85	II	C
	Rompin	Aur	1	89	89	II	C
		Jekatih	2	85	84	II	C
		Jeram	1	92	96	I	C
		Kepasing	1	89	92	II	C
		Pontian	1	90	86	II	C
		Pukin	3	87	90	II	C
	Rompin	4	84	82	II	C	
	Merchong	Merchong	2	84	87	II	C
		Batu	1	68	85	II	C
		Belayar	1	92	92	II	C
		Bentong	4	90	88	II	C
		Benus	2	93	91	II	C
		Berkapor	1	91	90	II	C
		Bertam	3	82	87	II	C
		Bilut	1	87	90	II	C
		Burung	1	96	91	I	C
		Habu	1	92	87	II	C
		Jelai	2	88	84	II	C
		Jempol	2	91	89	II	C
		Kelau	2	90	93	I	C
		Kertam	1	88	90	II	C
		Koyan	1	89	85	II	C
		Lenggok	1	88	94	I	C
		Lepar	3	88	88	II	C
		Lipis	3	90	90	II	C
		Luit	1	90	90	II	C
		Maran	1	89	84	II	C
		Pahang	8	87	87	II	C
		Penjuring	1	94	95	I	C
		Pertang	2	83	87	II	C
		Perting	1	92	93	I	C
		Ringlet	1	82	84	II	C
	Semantan	3	85	85	II	C	
	T. Paya Bungor	1	91	86	II	C	
	Tahan	1	88	94	I	C	
	Tanglir	1	92	89	II	C	
	Tasik Bera	1	84	82	II	C	
	Tasik Chini	10	90	85	II	C	
	Tekal	1	83	83	II	C	
	Tekam	2	86	87	II	C	
	Telang	1	88	81	II	C	
	Telemong	1	94	95	I	C	
	Telom	2	91	85	II	C	
	Tembeling	1	91	94	I	C	
	Teranum	1	93	92	II	C	
	Teras	1	91	90	II	C	
	Terla	1	95	90	II	C	
	Triang	2	87	84	II	C	
	Tringkap	1	85	86	II	C	

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
Pahang	Kuantan	Belat	1	84	84	II	C
		Charu	1	88	90	II	C
Kenau		1	93	92	II	C	
Kuantan		5	89	89	II	C	
Pandan		1	88	92	II	C	
Reman		1	73	89	II	C	
	Bebar	Merba	1	81	85	II	C
Terengganu	Chukai	Ibok	2	87	82	II	C
	Kemaman	Cherul	2	89	86	II	C
		Kemaman	3	88	88	II	C
		Perasing	1	87	84	II	C
	Kertih	Kertih	2	86	86	II	C
	Paka	Paka	2	81	84	II	C
		Dungun	Dungun	4	87	91	II
		Telemboh	1	84	89	II	C
	Marang	Temala	1	88	93	I	C
	Terengganu	Berang	2	94	91	II	C
		Pueh	2	91	84	II	C
		Telemong	1	87	89	II	C
		Terengganu	3	85	85	II	C
Nerus		4	66	86	II	C	
Setiu	Chalok	2	87	81	II	C	
	Setiu	2	91	92	II	C	
Besut	Besut	3	90	89	II	C	
	Jertih	1	73	87	II	C	
Kluang	Kluang	1	85	86	II	C	
KELANTAN	Kemasin	Semerak	3	83	88	II	C
	Kelantan	Aring	1	90	93	I	C
		Belatop	2	82	82	II	C
		Ber	1	93	89	I	C
		Berok	3	89	85	II	C
		Betis	1	94	91	II	C
		Chiku	1	83	93	I	C
		Galas	5	90	89	II	C
		Kelantan	3	85	85	II	C
		Kerilla	2	95	92	I	C
		Lebir	4	88	89	II	C
		Nal	3	89	91	II	C
		Nenggiri	3	90	86	II	C
		Pehi	1	88	90	II	C
		Pergau	6	93	92	I	C
		Relai	2	92	86	II	C
		Sokor	1	86	85	II	C
		Tuang	1	94	92	I	C
		Golok	Golok Lanas		5	91	88
	1			89	93	I	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
SARAWAK	Sarawak	Sarawak Kiri Semadang	1	79	81	II	C
			1	96	89	II	C
	Similajau	Similajau	2	86	81	II	C
	Limbang	Limbang	5	87	85	II	C
	Trusan	Trusan	1	87	88	II	C
	Lawas	Lawas	3	86	88	II	C
			2	91	90	II	C
	Lupar	Ai Sekerang Seterap Undup	1	89	91	II	C
			1	82	81	II	C
			1	82	85	II	C
	Rajang	Binatang Julau Kanowit	1	88	85	II	C
			1	86	85	II	C
			1	86	85	II	C
Niah	Niah	2	80	84	II	C	
Saribas	Layar	2	79	82	II	C	
Sibuti	Kejapil	1	83	81	II	C	
Miri	Padang Liku	1	87	89	II	C	
SABAH	Likas	Inanam Menggatal	3	83	84	II	C
			2	87	91	II	C
	Kinabatangan	Karamuak Koyah Kinabatangan Leepang Menanggul	1	92	90	II	C
			1	84	82	II	C
			4	78	83	II	C
			1	76	90	II	C
			1	72	81	II	C
	Kalumpang	Kalumpang	3	85	87	II	C
	Menggalong	Menggalong	2	89	85	II	C
	Lakutan	Lakutan	1	95	89	II	C
	Lingkungan	Bukau Lingkungan	1	88	87	II	C
			1	91	91	II	C
	Padas	Bunsit Liawan Pangatan Pegalan Tandulu Padas	1	96	90	II	C
			1	96	91	II	C
			1	88	81	II	C
			3	89	83	II	C
			1	96	91	II	C
3			77	81	II	C	
Membakut	Membakut	1	83	88	II	C	
Kimanis	Kimanis	1	86	84	II	C	
Bongawan	Bongawan	1	85	84	II	C	
Papar	Papar	3	90	88	II	C	
Moyog	Moyog	4	91	91	II	C	

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2010 /
Water Quality Status of Clean Rivers, 2010

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)		
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY	
SABAH	Tuaran	Damit	2	90	88	II	C	
		Song sai	1	92	90	II	C	
		Tuaran	2	92	89	II	C	
	Kedamaian	Kedamaian	Tempasuk	1	95	94	I	C
			Tempasuk	2	92	94	I	C
			Wariu	1	94	94	I	C
	Tenghilan	Tenghilan	1	91	91	II	C	
	Bingkongan	Bandau	Bingkongan	1	94	92	II	C
			Bingkongan	2	93	92	II	C
			Menggaris	2	92	92	II	C
			Tandek	1	88	86	II	C
	Bengkoka	Bengkoka	2	89	85	II	C	
	Paitan	Paitan	1	88	83	II	C	
	Sugut	Bongkud	Lohan	1	96	94	I	C
			Lohan	1	94	91	I	C
			Merali	1	95	94	I	C
			Sugut	3	92	92	II	C
	Labok	Kinipir	Labok	2	91	92	II	C
			Labok	1	90	90	II	C
			Liwagu	2	88	91	II	C
			Maliau	1	95	92	II	C
			Tungud	1	89	87	II	C
	Sapi	Sapi	Sualong	3	82	81	II	C
			Sualong	1	92	85	II	C
	Mounad	Mounad	2	86	82	II	C	
	Tungku	Tungku	2	85	89	II	C	
	Silabukan	Silabukan	2	85	84	II	C	
	Tawau	Tawau	4	86	82	II	C	
	Apas	Apas	1	89	90	II	C	
	Balung	Balung	1	86	88	II	C	
Merotai	Merotai	3	87	85	II	C		
Brantian	Brantian	1	86	85	II	C		
Telipok	Telipok	2	82	82	II	C		
Segama	Segama	3	80	86	II	C		
Umas-Umas	Umas-Umas	1	77	81	II	C		
Kalabakon	Kalabakon	3	75	81	II	C		
Segaliud	Segaliud	2	78	82	II	C		

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
PERLIS	Perlis	Kok Mak Ngulang Perlis	1	70	77	II	SP
			1	75	74	III	SP
			1	72	69	III	SP
KEDAH	Kedah	Kedah	1	65	63	III	SP
		Pendang	1	80	76	III	SP
	Merbok	Kuah	1	73	70	III	SP
		Bakar Arang	1	68	61	III	SP
		Bongkok Merbok	1 1	75 76	64 69	III III	SP SP
KEDAH/ P.PINANG	Muda	Jerung	2	74	66	III	SP
P.PINANG	Juru	Kilang Ubi Pmtg Rawa	5	70	65	III	SP
			1	69	62	III	SP
	Kluang	Ara Relau	2	84	80	II	SP
			1	73	65	III	SP
	Perai	Jarak Keladi	5	74	67	III	SP
			1	80	76	III	SP
	Bayan Lepas	Bayan Lepas Tiram	1	69	60	III	SP
2			69	74	III	SP	
Jawi	Machang Bubok	1	76	79	II	SP	
P.PINANG/ PERAK	Kerian	Selama	2	74	72	III	SP
PERAK	Raja hitam	Manjong Raja Hitam	2	85	80	II	SP
			3	73	61	III	SP
	Sepetang	Larut Malai Sepetang	4	80	79	II	SP
			1	79	73	III	SP
			1	60	61	III	SP
	Wangi	Wangi	2	77	71	III	SP
			2	70	69	III	SP
	Perak	Kepayang Kinta Nyamok Pari Pinji Seluang Serokai Sungkai Mati Tumbuh	2	73	72	III	SP
			8	76	78	II	SP
			1	73	61	III	SP
			2	70	72	III	SP
2			70	65	III	SP	
1			52	64	III	SP	
2			71	70	III	SP	
2			61	75	III	SP	
1	72	71	III	SP			

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
SELANGOR	Langat	Anak Chuau	1	75	78	II	SP
		Balak	1	62	60	III	SP
		Batang Benar	2	69	75	III	SP
		Batang Labu	2	72	76	III	SP
		Langat	8	71	72	III	SP
		Pajam	1	72	75	III	SP
		Semenyih	3	77	75	III	SP
	Sepang	Sepang	3	75	75	III	SP
	Tengi	Tengi	3	77	72	III	SP
	Selangor	Air Hitam	1	68	73	III	SP
	Rawang	1	72	80	I	SP	
	Sembah	1	68	74	III	SP	
	Kundang	1	57	76	III	SP	
SELANGOR/ WPKL	Klang	Ampang	1	69	61	III	SP
		Batu	3	71	74	III	SP
		Klang	10	60	61	III	SP
		Kuyoh	1	63	65	III	SP
		Damansara	3	59	66	III	SP
		Gombak	3	82	80	I	SP
N.SEMBILAN	Linggi	Kayu Ara	1	68	75	III	SP
		Kepayong	1	78	78	I	SP
		Linggi	6	75	73	III	SP
		Paroi	1	78	77	I	SP
		Senawang	1	67	60	III	SP
		Simin	1	73	75	III	SP
		Simpang Empat	1	78	70	III	SP
MELAKA	Tuang	Baru	1	69	65	III	SP
	Seri Melaka	Seri Melaka	1	67	62	III	SP
	Melaka	Batang Melaka	2	82	78	I	SP
		Melaka	9	70	73	III	SP
		Putat	2	60	66	III	SP
		Rembia	2	70	61	III	SP
	Kesang	Chohong	2	92	80	I	SP
Kesang		3	86	71	III	SP	
Duyong	Duyong	3	78	70	III	SP	
JOHOR/ N. SEMBILAN	Muar	Gemas	1	78	71	III	SP
		Kelamah	1	55	63	III	SP
		Labis	3	80	73	III	SP
		Merbudu	1	74	78	I	SP
		Merlimau	1	66	62	III	SP
		Muar	17	79	80	I	SP
		Palong	2	79	80	I	SP
		Sarang Buaya	1	53	60	III	SP
		Segamat	1	81	80	I	SP
		Spg. Loi	1	77	77	I	SP
		Tenang	1	68	61	III	SP
		P. Mengkuang	1	83	80	I	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
JOHOR	Benut	Benut	4	76	72	III	SP
		Ulu Benut	1	83	74	III	SP
	Pontian Besar	Air Hitam	1	71	68	III	SP
		Pontian Besar	5	67	63	III	SP
	Pontian Kecil	Pontian Kecil	2	75	73	III	SP
	Skudai	Melana	2	64	71	III	SP
		Skudai	9	64	68	III	SP
	Pulai	Pulai	2	79	80	II	SP
		Ulu Choh	1	67	76	III	SP
	Kim-Kim	Kim-Kim	2	75	73	III	SP
	Jemaluang	Jemaluang	2	80	80	II	SP
	Endau	Dengar	1	63	72	III	SP
		Jebong	1	72	65	III	SP
		Melatai	1	61	60	III	SP
		Mengkibol	3	71	69	III	SP
		Pamol	1	70	65	III	SP
		Lenga	1	56	68	III	SP
		Mamai	1	86	70	II	SP
		Singgal	1	84	77	II	SP
	Tebrau	Tebrau	5	69	66	III	SP
	Johor	Berangan	1	63	67	III	SP
		Lebam	1	75	71	III	SP
		Sebol	1	78	79	II	SP
		Semenchu	1	74	67	III	SP
		Tiram	4	74	79	II	SP
		Anak Sg. Sayong	2	83	74	III	SP
		Chemangar	1	82	78	II	SP
Santi		1	83	77	II	SP	
Seluyut	1	82	78	II	SP		

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
JOHOR	Sedili Besar	Sedili Besar	5	83	79	II	SP
		Pasir Panjang	1	76	64	III	SP
	Sedili Kecil	Anak Sedili Kecil	1	81	75	III	SP
		Bahan	2	85	74	III	SP
		Sedili Kecil	3	84	79	II	SP
	Kaw. Pasir Gudang	Masai	1	57	60	III	SP
	Batu Pahat	Amran	4	68	71	III	SP
		Bekok	1	80	77	II	SP
		Berlian	1	69	74	III	SP
		Merpo	1	74	77	II	SP
		Semberong	2	64	63	III	SP
		Simpang Kiri	3	66	63	III	SP
	PAHANG	Rompin	Bakar	1	72	78	II
Keratong			3	82	79	II	SP
Bebar		Bebar	2	75	69	III	SP
		Serai	2	72	71	III	SP
Balok		Balok	2	76	67	III	SP
		Panjang	1	74	74	III	SP
		Yior	1	65	61	III	SP
Cherating		Cherating	1	80	78	II	SP
Tonggak	Tonggak	2	77	68	III	SP	

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
PAHANG	Pahang	Kundang	1	76	76	III	SP
		Serling	5	75	68	III	SP
		Bera	3	83	78	II	SP
		Chini	1	82	79	II	SP
		Jengka	2	83	80	II	SP
		Mentiga	2	86	80	II	SP
	Kuantan	Pinang	1	80	80	II	SP
		Riau	1	74	76	III	SP
		Talam	1	72	69	III	SP
	TERENGGANU	Kemaman	Neram	1	77	78	II
Paka			1	90	72	III	SP
Besul		Rengat	1	80	71	III	SP
		Rasau	2	84	77	II	SP
Setiu		Tarom	1	82	79	II	SP
Marang		Kerak	1	85	78	II	SP
		Marang	1	88	78	II	SP
Chukai		Bungkus	1	77	73	III	SP
		Ruang	2	70	64	III	SP
		Chukai	1	86	70	III	SP
Ibai	Ibai	3	75	76	III	SP	
Merchang	Landas	1	67	78	II	SP	
	Merchang	1	73	74	III	SP	
Merang	Merang	1	69	75	III	SP	
KELANTAN	Kemasin	Kemasin	2	80	74	III	SP
	Golok	Tasik Garu	1	78	79	II	SP
	Pengkalan Datu	Pengkalan Datu	3	83	80	II	SP SP
	Pengkalan Chepa	Alor B	1	65	62	III	SP
		Keladi	1	76	79	II	SP
Pengkalan Chepa		2	78	74	III	SP	
Raja Gali	1	78	76	III	SP		
SARAWAK	Kayan	Kayan	3	76	72	III	SP
	Semunsam	Semunsam	1	80	75	II	SP
	Balingian	Balingian	2	80	75	II	SP
	Niah	Sekaloh	2	70	76	III	SP
	Sadong	Karangan	2	61	75	III	SP
		Sadong	4	71	76	III	SP
	Saribas	Saribas	1	73	69	III	SP
	Kerian	Kerian	2	71	77	II	SP
Seblak		1	77	78	II	SP	
Mukah	Mukah	4	75	73	III	SP	

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2010 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
SARAWAK	Kemena	Kemena	4	77	80	II	SP
		Sibiu	1	73	76	III	SP
	Suai	Suai	1	78	71	III	SP
	Sibuti	Kabuloh	2	64	61	III	SP
		Satap	1	79	61	III	SP
		Sibuti	2	79	77	II	SP
	Miri	Lutong	2	70	63	III	SP
	Baram	Baram	4	77	77	II	SP
		Tutuh	1	80	73	III	SP
	Sarawak	Kuap	2	82	73	III	SP
		Maong Kiri	1	71	67	III	SP
		Samarahan	2	75	76	III	SP
		Sarawak	6	85	80	II	SP
		Semenggoh	1	78	70	III	SP
		Sarawak Kanan	1	86	77	II	SP
		Tabuan	1	81	68	III	SP
	Lupar	Lupar	3	73	77	II	SP
	Rajang	Baloi	1	81	80	II	SP
		Meradong	1	80	71	III	SP
		Rajang	11	79	74	III	SP
Salim		1	80	73	III	SP	
Sarikei		2	80	78	II	SP	
Oya	Oya	3	83	78	II	SP	
Tatau	Tatau	1	83	80	II	SP	
SABAH	Tingkeyu	Tingkeyu	2	83	80	II	SP
	Sembulan	Sembulan	2	68	72	III	SP
	Likas	Darau	1	75	67	III	SP
		Likas	2	65	76	III	SP
	Kinabatangan	Pin	1	78	73	III	SP
Takala		1	77	77	II	SP	

3 (c) : Status Kualiti Air Sungai Tercemar, 2010 /
Water Quality Status of Polluted Rivers, 2010

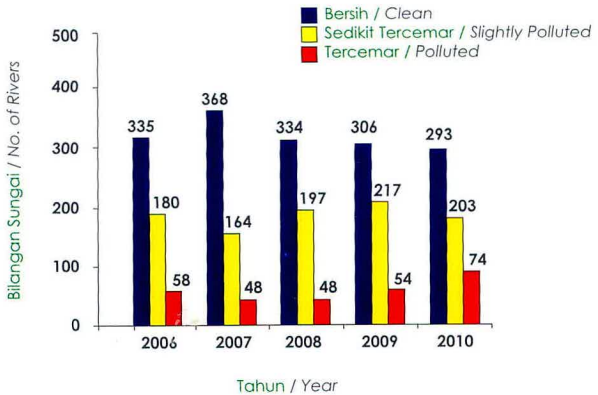
NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
PERLIS	Perlis	Serai	1	75	53	III	P
KEDAH	Merbok	Korok Petani	1	45	53	III	P
			1	58	56	III	P
P.PINANG	Pinang	Air Itam Dondang Jelutong Pinang	5	64	53	III	P
			3	51	43	IV	P
			1	39	34	IV	P
			1	64	52	III	P
	Juru	Juru Ara Rambai Pasir	2	60	52	III	P
			1	49	27	V	P
			2	53	44	IV	P
			1	63	51	IV	P
	Perai	Air Melintas Kereh Seluang Kubang Semang Perai Pertama Seluang Bawah	1	50	40	IV	P
			2	57	49	IV	P
			1	56	53	III	P
			1	63	48	IV	P
			2	65	59	III	P
			1	61	55	III	P
	Jawi	Chempedak Jawi Tengah	1	44	40	IV	P
			1	52	52	III	P
1			36	25	V	P	
PERAK	Wangi	Deralik	2	62	55	III	P
	Perak	Kerdah Sintang	2	70	56	III	P
			1	70	53	III	P
Sepetang	Lidin	1	58	58	III	P	
SELANGOR	Langat	Batang Nilai Rinching	2	53	57	III	P
			1	60	56	III	P
	Sepang	Rambai	1	54	33	IV	P
	Buloh	Buloh	5	58	50	IV	P
SELANGOR/ WPKL	Klang	Bunos Jinjang Kerayong Keroh Penchala	1	47	38	IV	P
			2	58	58	III	P
			2	48	46	IV	P
			2	50	56	III	P
			1	42	49	IV	P
N.SEMBILAN	Lukut	Lukut	1	72	59	III	P
	Linggi	Temiang	2	68	52	III	P
MELAKA	Seri Melaka	Air Salak	1	58	53	III	P
	Kesang	Chin-Chin Tangkak	1	54	51	IV	P
			1	63	57	III	P
Merlimau	Merlimau	4	54	58	III	P	
JOHOR/ N.SEMBILAN	Muar	Senarut Serom	1	66	53	III	P
			1	70	56	III	P
JOHOR	Batu Pahat	Batu Pahat Simpang Kanan	1	60	54	III	P
			2	58	56	III	P

3 (c) : Status Kualiti Air Sungai Tercemar, 2010 /
Water Quality Status of Polluted Rivers, 2010

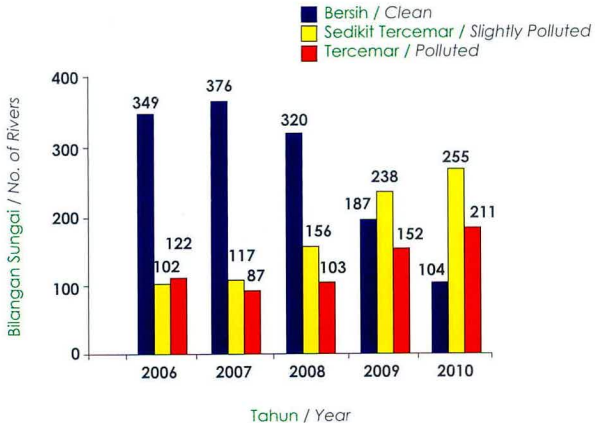
Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2009	2010	KELAS/ CLASS	KATEGORI/ CATEGORY
JOHOR	Pontian Besar	Ayer Merah	1	35	36	IV	P
	Benut	Pinggan	1	65	57	III	P
	Johor	Serai	1	57	50	IV	P
	Air Baloi	Air Baloi	3	48	46	IV	P
	Segget	Segget	5	50	51	IV	P
	Tebrau	Bala	1	56	51	IV	P
		Pandan	1	51	54	III	P
		Plentong	1	42	50	IV	P
		Sebulung	1	44	56	III	P
		Sengkuang	1	31	39	IV	P
		Tampoi	1	41	51	IV	P
	Danga	Danga	2	52	49	IV	P
	Kaw. Pasir Gudang	Buluh Latoh Perembi Tukang Batu	1	36	39	IV	P
			1	57	58	III	P
1			46	42	IV	P	
1			36	33	IV	P	
Rambah	Rambah	2	63	57	III	P	
Sanglang	Sanglang	1	61	54	III	P	
Sedili Besar	Mupur	1	75	59	III	P	
Kempas	Kempas	2	57	57	III	P	
PAHANG	Pahang	Anak Sg. Lepar	1	68	59	III	P
	Kuantan	Galing Besar	1	60	47	IV	P
		Galing Kecil	1	69	58	III	P
TERENGGANU	Kemaman	Ransan	2	58	52	III	P
KELANTAN	Pengkalan Chepa	Alor Lintah	1	55	45	IV	P
SARAWAK	Miri	Dalam	1	60	53	III	P
		Adong	1	56	51	IV	P
		Miri	2	65	59	III	P
SABAH	Kalumpang	Pang Burong 1	1	49	50	IV	P
		Pang Burong 2	1	63	52	III	P

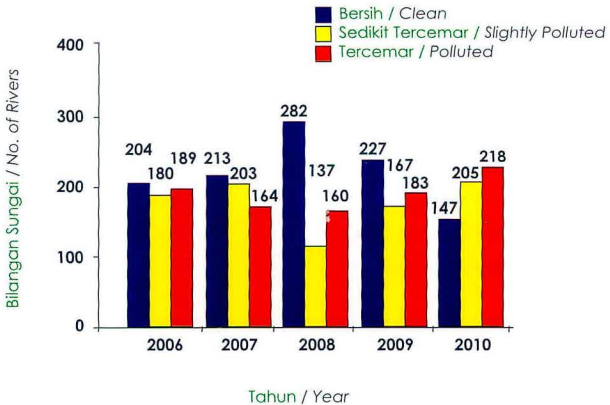
3 (d) : Kualiti Air Sungai (2006 - 2010) /
River Water Quality Trend (2006 - 2010)



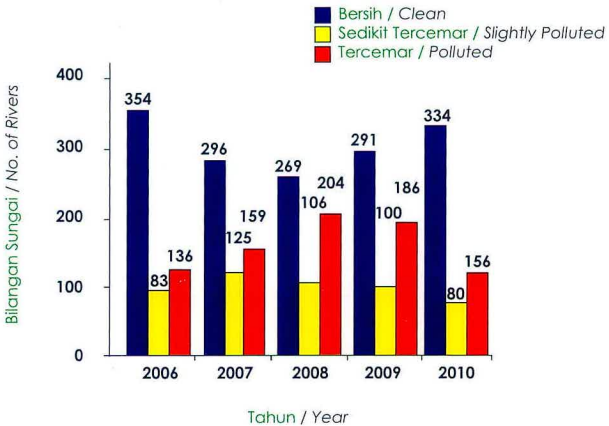
3 (e) : Kualiti Air Sungai Berdasarkan BOD Sub-Indeks (2006 - 2010) /
River Water Quality Trend based on BOD Sub-Index (2006 - 2010)



3 (f) : Kualiti Air Sungai Berdasarkan AN Sub-Indeks (2006 - 2010) /
River Water Quality Trend based on AN Sub-Index (2006 - 2010)



3 (g) : Kualiti Air Sungai Berdasarkan SS Sub-Indeks (2006 - 2010) /
River Water Quality Trend based on SS Sub-Index (2006 - 2010)



**SEKSYEN 4 / SECTION 4: KUALITI AIR MARIN DAN PULAU-PULAU /
MARINE AND ISLAND WATER QUALITY**

4 (a) : Parameter Kualiti Air Marin, 2010 /
Marine Water Quality Parameters, 2010

Bil. / No.	Parameter / Parameters	Kod / Code	Unit / Unit
Pengukuran In-Situ / In-Situ Measurement			
1.	Oksigen Terlarut / Dissolved Oxygen	DO	mg/l
2.	Kemasinan / Salinity	Sal	ppt
3.	Suhu / Temperature	Temp	°C
4.	Konduktiviti / Conductivity	Cond	µS/cm
5.	Kekeruhan / Turbidity	Turb	NTU
6.	pH	pH	-
Pengukuran Makmal / Laboratory Measurement			
1.	Jumlah Pepejal Terampai / Total Suspended Solid	TSS	mg/l
2.	Escherichia coli	E.coli	MPN/100ml
3.	Minyak dan Gris / Oil and Grease	O&G	mg/l
4.	Kuprum / Copper	Cu	µg/l
5.	Kadmium / Cadmium	Cd	µg/l
6.	Plumbum / Lead	Pb	µg/l
7.	Arsenik / Arsenic	As	µg/l
8.	Merkuri / Mercury	Hg	µg/l
9.	Kromium / Chromium	Cr	µg/l
10.	Bebola tar / Tarball	Tar	g/100m
11.	Jumlah Karbon Organik / Total Organic Carbon	TOC	mg/l
12.	Nitrat / Nitrate	NO ₃ -	mg/l
13.	Fosfat / Phosphate	PO ₄	mg/l
14.	Tributiltin / Tributyltin	TBT	µg/l
15.	Trifenilfin / Triphenyltin	TPT	µg/l

4 (b) : Parameter Melebihi Standards Status Kualiti Air Marin di Pantai (%), 2010 / Status of Marine Water Quality Parameters Exceeding Standards for Coastal (%), 2010

Negeti/ State	Bil. Stesen/ No. of Station	Bil. Sampel/ No. of Sample	Jumlah Pepejal Terampai/ Total Suspended Solids	Minyak & Gris/ Oil and Grease	E.coli	Arsenik/ Arsenic	Cadmium/ Cadmium	Kromium / Chromium	Kuprum/ Copper	Plumbum/ Lead	Merkuri/ Mercury
Petlis	-	-	-	-	-	-	-	-	-	-	-
P. Langkawi	7	28	15	55	24	0	100	100	100	100	35
Kedah	1	2	0	100	50	0	100	100	100	100	50
Pulau Pinang	18	106	60	22	64	0	8	2	30	2	45
Perak	7	14	54	14	14	0	0	93	93	79	0
Selangor	4	13	62	100	85	8	0	0	38	23	31
N.Sembilan	11	44	28	88	72	0	0	30	51	60	49
Melaka	7	37	66	9	89	0	0	33	90	33	0
Johar	39	106	35	27	24	1	0	0	73	29	7
Pahang	11	11	29	0	33	0	0	0	100	0	0
Terengganu	7	21	81	71	25	0	100	81	100	95	5
Kelantan	5	10	82	91	17	0	91	80	91	83	0
W.P. Labuan	5	20	0	25	5	0	0	40	0	0	0
Şabah	24	58	6	23	25	0	25	4	2	7	16
Sarawak	15	30	82	7	52	0	4	0	28	10	21
(Jumlah) / (Total)	161	500	TSS	O&G	E.coli	As	Cd	Cr	Cu	Pb	Hg
Purata (%) / Average (%)	-	-	42.8	45.2	41.3	0.6	30.5	40.3	64.1	44.4	18.5

Nota / Note : NA = Tidak tersedia / Not Available

4 (c) : Parameter Melebihi Standards Status Kualiti Air Marin di Kuala (%, 2010 / Status of Marine Water Quality Parameters Exceeding Standards for estuary (%), 2010

Negeri/ State	Bil. Stesen/ No. of Station	Bil. Sampel/ No. of Sample	Jumlah Pepejal Terapali/ Total Suspended Solids	Minyak & Grits/ Oil and Grease	E.Coli	Arsenik/ Arsenic	Cadmium/ Cadmium	Kromium / Chromium	Kuprum/ Copper	Plumbum/ Lead	Merkuri/ Mercury
Perlis	2	22	20	60	56	0	80	100	100	80	70
P. Langkawi	-	-	-	-	-	-	-	-	-	-	-
Kedah	2	5	0	33	0	0	33	0	33	33	0
Pulau Pinang	7	54	15	50	87	0	17	9	6	0	69
Perak	6	11	75	67	83	0	33	50	83	67	0
Selangor	10	29	41	93	79	3	3	14	45	52	41
N.Sembilan	2	8	0	88	75	0	0	38	63	63	75
Melaka	5	28	36	8	74	0	0	33	100	33	0
Johor	12	33	0	39	50	0	0	0	87	44	0
Pahang	-	-	-	-	-	-	-	-	-	-	-
Terengganu	13	37	22	68	50	0	100	78	95	89	0
Kelantan	5	10	36	91	77	0	100	73	91	82	8
W.P. Labuan	-	-	-	-	-	-	-	-	-	-	-
Sabah	2	6	0	33	50	0	50	0	0	17	0
Sarawak	10	20	31	12	57	0	6	0	50	0	20
(Jumlah) / (Total)	76	263	TSS	O&G	E.Coli	As	Cd	Cr	Cu	Pb	Hg
Purata (%) / Average (%)			23.0	53.4	61.5	0.3	35.2	32.9	62.7	46.6	23.6

Nota / Note : NA = Tidak tersedia / Not Available

4 (d) : Taburan Loji Rawatan Kumbahan Mengikut Negeri, 2010/
Distribution of Sewage Treatment Plants by States, 2010

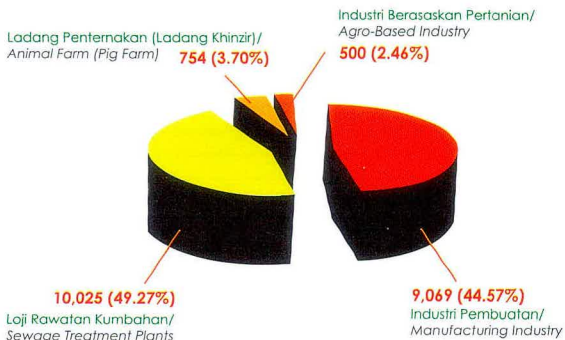
Negeri / State	Bilangan Loji/ No. of Plant
Selangor	2,856
Perak	1,508
Johor	1,123
Negeri Sembilan	974
Kedah	871
Melaka	803
Pulau Pinang	686
Pahang	551
W.P. Kuala Lumpur	311
Terengganu	239
Perlis	51
W.P. Labuan	36
W.P. Putrajaya	16
Jumlah / Total	10,025

Sumber / Source : IWK Sdn. Bhd.

4 (e) : Taburan Bilangan Punca Pencemaran Air (Industri Berasaskan
Pembuatan dan Pertanian) Mengikut Negeri, 2010 /
Distribution of Industrial Water Pollution Sources (Agro-based and
Manufacturing Industries) by State, 2010

Negeri / State	Bilangan Loji/ No. of Plant
Selangor	2,858
Perak	125
Johor	4,620
Negeri Sembilan	156
Kedah	123
Melaka	80
Pulau Pinang	250
Pahang	163
W.P. Kuala Lumpur	29
Terengganu	219
Kelantan	54
Perlis	15
W.P. Labuan	12
Sarawak	411
Sabah	454
Jumlah / Total	9,569

4 (f) : Komposisi Punca Pencemaran Air Mengikut Sektor, 2010/
Composition of Water Pollution Sources by Sector, 2010



4 (g) : Kejadian Pencemaran Minyak, 2010 /
Oil Pollution Incidents, 2010

Lokasi/ Location	Kawasan/ Area		Bil. Kes/ No. Of Cases
Laut China Selatan/ South China Sea	Perairan Malaysia/ Malaysia Territory	Semenanjung/ Peninsular	1
		Malaysia Timur/ East Malaysia	5
	Zon Ekonomi Eksklusif (ZEE) / Exclusive Economic Zone (EEZ)		0
Laut Sulu/ Sulu Sea	Perairan Malaysia/ Malaysia Territory	Sabah	0
Selat Melaka/ Straits of Malacca	Perairan Malaysia/ Malaysia Territory		6
	Zon Ekonomi Eksklusif (ZEE) / Exclusive Economic Zone (EEZ)		0
Selat Johor / Straits of Johor	Perairan Malaysia/ Malaysia Territory	Bahagian Barat/ West Part	0
		Bahagian Timur/ East Part	4
Jumlah / Total			16

**SEKSYEN 5 / SECTION 5 : KUALITI AIR BAWAH TANAH /
GROUND WATER QUALITY**

5 (a) : Taburan Telaga-Telaga Pemantauan Air Bawah Tanah, 2010
Distribution of Groundwater Monitoring Wells, 2010

<i>Kategori / Category</i>	<i>Bilangan Telaga / Number of Wells</i>
<i>Kawasan Pertanian / Agricultural Areas</i>	12
<i>Bandar / Pinggir Bandar / Urban Suburban Areas</i>	11
<i>Tapak Perindustrian / Industrial Sites</i>	18
<i>Tapak Pelupusan Sampah / Landfills</i>	25
<i>Padang Golf / Golf Courses</i>	7
<i>Tapak Radioaktif / Radioactive Landfill</i>	1
<i>Kawasan Luarbandar / Rural Areas</i>	5
<i>Bekas Lombong / Ex-Mining</i>	3
<i>Bekalan Air Tempatan / Municipal Water Supply</i>	9
<i>Tapak Pelupusan Bangkai Haiwan / Animal Burial</i>	14
<i>Kolam Akuakultur / Aquaculture Farms</i>	6
<i>Peranginan / Resorts</i>	1
<i>Jumlah / Total</i>	112

5 (b) : Garis Panduan Kebangsaan Bagi Kualiti Air Minuman (Semakan
Disember 2000) / National Guidelines for Raw Drinking Water Quality
(Revised December 2000)

Parameter	Symbol	Benchmark
Sulphate	SO ₄	250 mg/l
Hardness	CaCO ₃	500 mg/l
Nitrate	NO ₃	10 mg/l
Coliform	-	Must no be detected in any 100 ml sample
Manganese	Mn	0.1 mg/l
Chromium	Cr	0.05 mg/l
Zinc	Zn	3 mg/l
Arsenic	As	0.01 mg/l
Selenium	Se	0.01 mg/l
Chloride	Cl	250 mg/l
Phenolics	-	0.002 mg/l
TDS	-	1000 mg/l
Iron	Fe	0.3 mg/l
Copper	Cu	1.0 mg/l
Lead	Pb	0.01 mg/l
Cadmium	Cd	0.003 mg/l
Mercury	Hg	0.001 mg/l

Sumber / Source : Kementerian Kesihatan Malaysia /
Ministry of Health, Malaysia

6 (a) : Status Permohonan Kebenaran Bertulis (KB) Bagi JAS Negeri Kemudahan Pengolahan Dan Pelupusan Buangan Berjadual, 2010 / Written Permission (KB) for Scheduled Waste Treatment And Disposal Facilities, 2010

Bil/ No.	Kemudahan / Facility	JHR	KDH	KLN	MLK	N.S	PHG	PRK	PRS	PP	SBH	SRK	SLG	TRG	WP (KL)	WP (LAB)	Jumlah/ Total
1	Insinerator Buangan Terjadual / Scheduled Waste Incinerator	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	2
2	Kemudahan Pemerolehan Kembali / Off Site Recovery Facilities																
	a. Pemerolehan Kembali Penuh bukan e-Waste / Full Off Site Recovery none e-Waste	-	-	-	2	-	2	-	-	3	1	3	7	-	-	-	18
	b. Pemerolehan Kembali Penuh e-Waste / Full Off Site Recovery e-Waste	-	-	-	4	-	-	-	2	-	-	-	1	-	-	-	7
	c. Pemerolehan Kembali Separa e-Waste / Partial Off Site Recovery e-Waste	3	-	-	15	-	-	-	-	9	-	-	3	-	-	-	30
3	Kemudahan Penstoran Luar Tapak / Off Site Storage Facilities	4	-	-	-	-	1	-	-	-	-	2	1	1	-	2	11
4	Kemudahan Pengolahan Luar Tapak / Off Site Treatment Facilities																
	a. Loji Rawatan Fizikal/kimia / Chemical/Physical Treatment Plant	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
	b. Loji Solidifikasi/ Solidification plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	c. Loji Rawatan Air Resapan / Diffusion Water Treatment Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
5	Kemudahan Pengolahan Di Tanah / Land Treatment Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
6	Tapak Pelupusan Selamat / Secured Landfill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
7	Bil. Kebenaran Bertulis / No. of Written Permission	7	0	0	22	0	3	0	0	14	1	5	12	2	0	4	70

Nota / Note:

JHR - JOHOR
 KDH - KEDAH
 KLN - KELANTAN
 MLK - MELAKA
 N.S - NEGERI SEMBILAN

PRK - PERAK
 PRS - PERLIS
 PP - PULAU PINANG
 PHG - PAHANG
 SBH - SABAH

SLG - SELANGOR
 SRK - SARAWAK
 TRG - TERENGGANU
 WP (KL) - WILAYAH PERSEKUTUAN KUALA LUMPUR
 WP (LAB) - WILAYAH PERSEKUTUAN LABUAN

6 (b) : Lesen-Lesen Yang Dikeluarkan bagi Kemudahan Pengolahan Dan Pelupusan Buangan Terjadual, 2010 / Licensed Scheduled Waste Treatment And Disposal Facilities, 2010

Bl/ No.	Kemudahan / Facility	JHR	KDH	KLN	MLK	N.S	PHG	PRK	PRS	PP	SBH	SRK	SLG	TRG	WP (KL)	WP (LAB)	Jumlah/ Total
1	Penstoran Luar Tapak-Pengangkutan / Off Site Storage-Transport	42	21	-	19	12	6	26	1	58	6	27	64	5	8	4	299
2	Penstoran Luar Tapak / Off Site Storage	-	1	-	-	2	-	-	-	-	-	14	1	-	-	2	20
3	Kemudahan Permerolehan Kembali / Off Site Recovery Facilities																
a.	Permerolehan Kembali Penuh bukan e-Waste / Full Off Site Recovery none e-Waste	29	5	-	4	8	7	23	1	18	-	6	33	5	-	-	139
b.	Permerolehan Kembali Penuh e-Waste / Full Off Site Recovery e-Waste	4	1	-	3	2	-	-	-	7	-	-	3	-	-	-	20
c.	Permerolehan Kembali Separa e-Waste / Partial Off Site Recovery e-Waste	15	15	-	14	5	-	5	-	39	-	7	27	-	8	-	135
4	Insinerator Buangan Terjadual / Scheduled Waste Incinerator	6	1	-	1	3	1	3	-	3	5	10	5	2	-	1	41
5	Kemudahan Pengolahan Di Tanah / Landfarm Facility	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2
6	Kemudahan Pengolahan Luar Tapak / Off Site Treatment Facility	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	4
7	Tapak Pelupusan Selamat / Secured Landfill Facilities	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-	5
8	Bl. Lesen / No. of Licence	96	45	-	41	36	14	57	2	125	11	68	133	13	16	8	665
9	Bl. Premis / No. of Premises	46	23	-	19	17	9	31	1	64	10	42	69	8	8	7	354

Nota / Note:

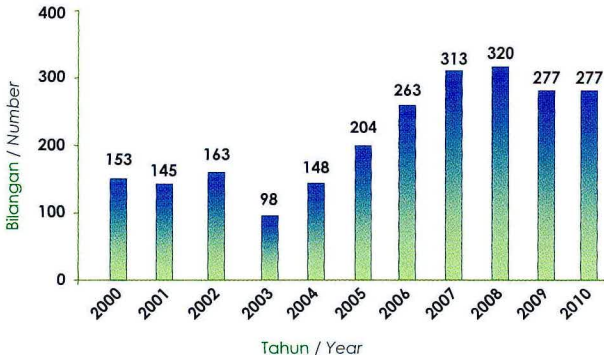
JHR - JOHOR
 KDH - KEDAH
 KLN - KELANTAN
 MLK - MELAKA
 N.S - NEGERI SEMBILAN

PRK - PERAK
 PRS - PERIS
 PP - PULAU PINANG
 PHG - PAHANG
 SBH - SABAH

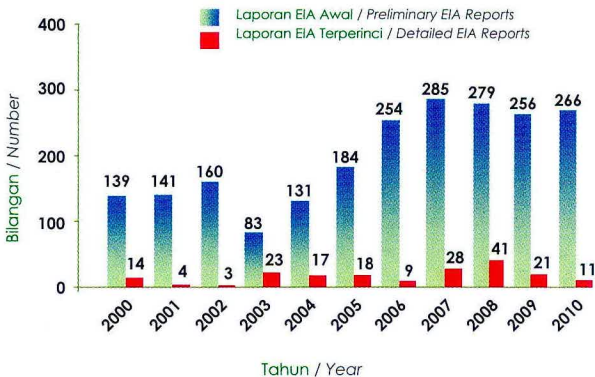
SLG - SELANGOR
 SRK - SARAWAK
 TRG - TERENGGANU
 WP (KL) - WILAYAH PERSEKUTUAN KUALA LUMPUR
 WP (LAB) - WILAYAH PERSEKUTUAN LABUAN

SEKSYEN 7 / SECTION 7 : PENGUATKUASAAN / ENFORCEMENT

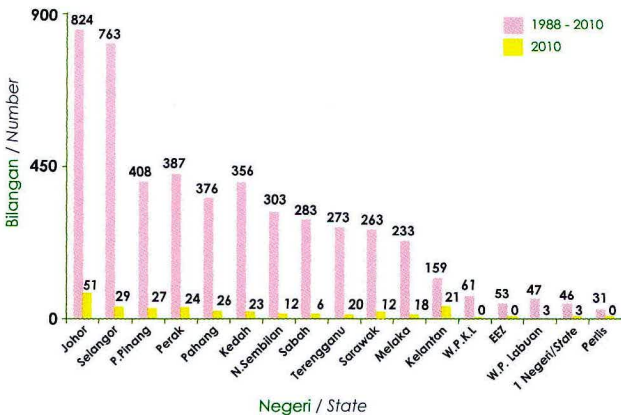
7 (a) : Bilangan Laporan EIA Yang Diterima Mengikut Tahun, 2000-2010 /
Number of EIA Reports Received by Year, 2000-2010



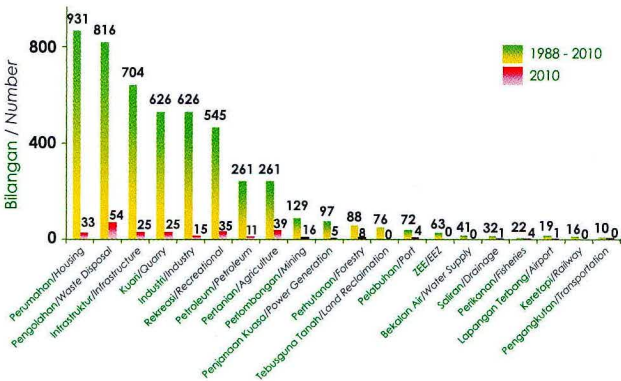
7 (b) : Bilangan Laporan EIA dan Jenis Laporan Diterima, 2000-2010 /
Number and Type of EIA Reports Received, 2000-2010



7 (c) : Bilangan Laporan EIA Yang Diterima Mengikut Negeri, 2010/
Number of EIA Reports Received By State, 2010

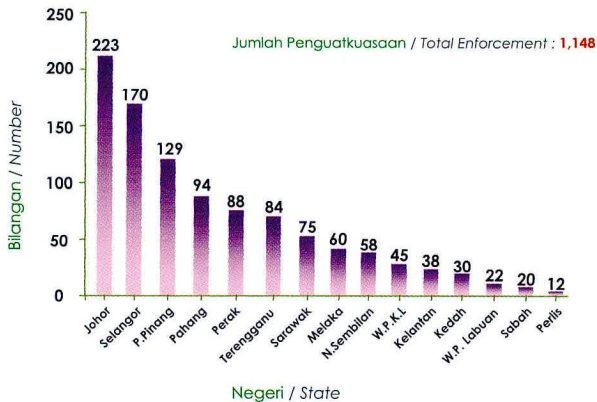


7 (d) : Bilangan Laporan EIA Yang Diterima Mengikut Aktiviti, 2010/
Number of EIA Reports Received By Activity, 2010

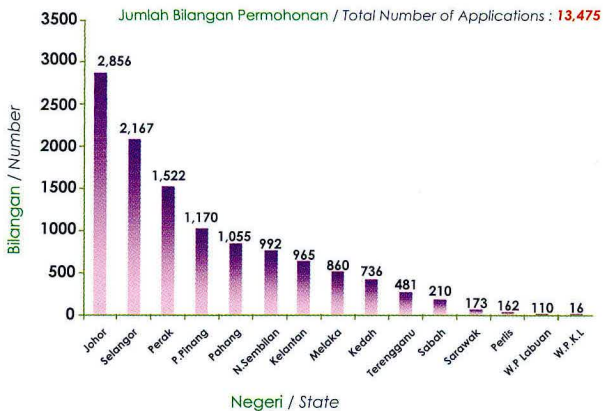


Aktiviti / Activity

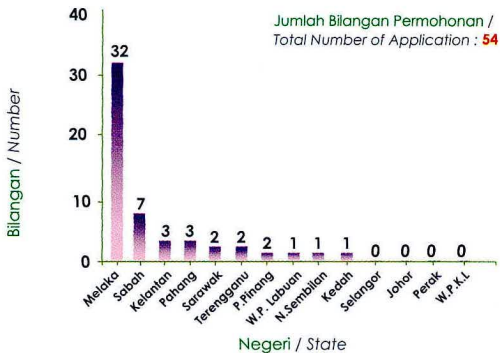
7 (e) : Siasatan Penguatkuasaan Projek EIA, 2010 /
Post EIA Enforcement Investigations, 2010



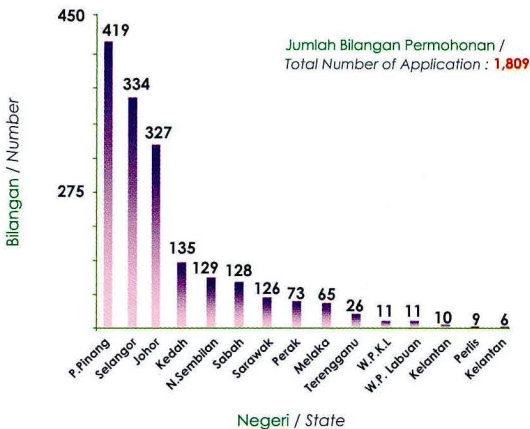
7 (f) : Penilaian Awal Tapak Untuk Projek Pembangunan Mengikut Negeri,
2010 / Pre-Siting Evaluation of Development Projects by State, 2010



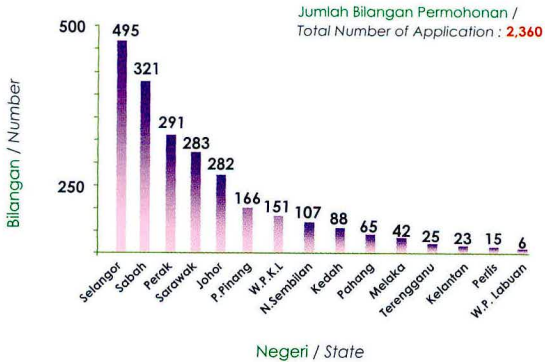
7 (g) : Pemberitahuan Bertulis Bagi Punca Baru Pembuangan Atau Pelepasan Kumbahan, 2010 / Notification For New Sources of Sewage Discharge or Release, 2010



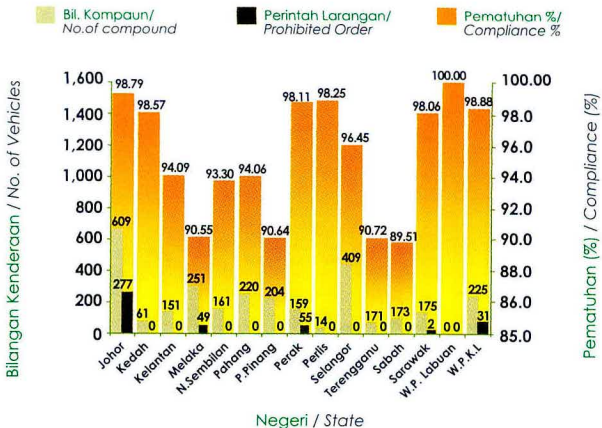
7 (h) : Permohonan Bagi Pemasangan Alat Kawalan Pencemaran Udara Mengikut Negeri, 2010 / Applications for Installation of Air Pollution Control Equipment by State, 2010



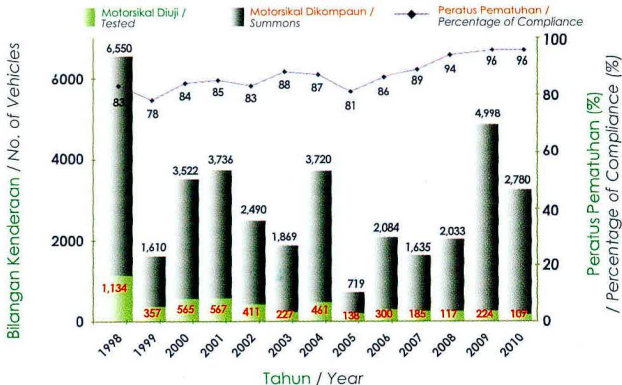
7 (i) : Permohonan Bagi Pemasangan Alat Pembakaran Bahan Api Mengikut Negeri, 2010 / Applications for Installation of Fuel Burning Equipment by State, 2010



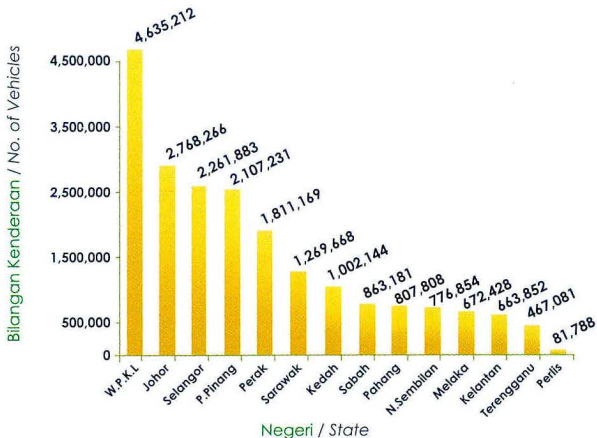
7 (j) : Penguatkuasaan Pelepasan Asap Hitam Kenderaan Mengikut Negeri, 2010 / Enforcement of Vehicular Black Smoke Emission by States, 2010



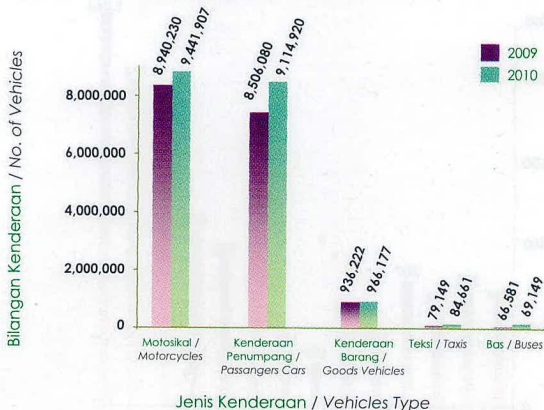
7 (k) : Penguatkuasaan Pelepasan Bunyi Bising Motosikal, 1998-2010 /
Enforcement of Motorcycle Noise Emission, 1998-2010



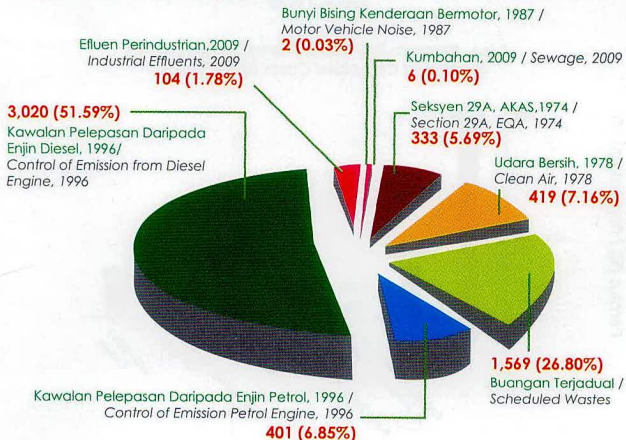
7 (l) : Bilangan Kenderaan Bermotor Mengikut Negeri, 2010 /
Number of Motor Vehicles by States, 2010



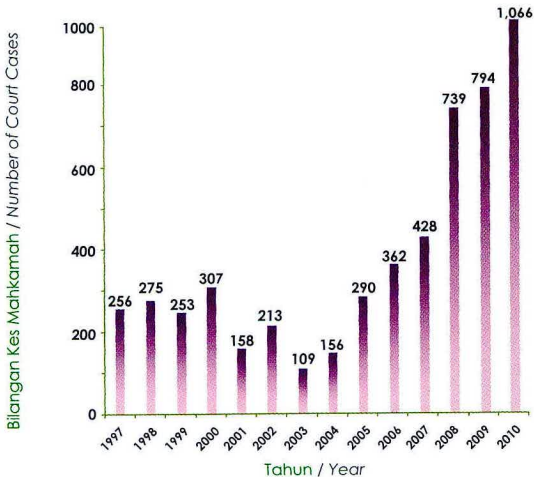
7 (m) : Bilangan Kenderaan Bermotor Mengikut Jenis, 2010 /
Number of Motor Vehicles by Type, 2010



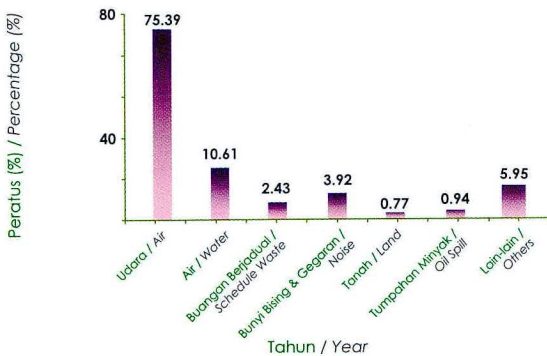
7 (n) : Bilangan Kes Kompaun, 2010 / Number of Compounds Cases, 2010



7 (o) : Bilangan Kes Mahkamah, 2010 / Number of Court Cases, 2010



7 (p) : Bilangan Kes Aduan Mengikut Jenis, 2010 / Number of Complaint Cases by Types, 2010



7 (p) : Bilangan Kes Pembakaran Terbuka Mengikut Negeri, 2010 /
Number of Open Burning Cases By State, 2010

Negeri / State	Ladang / Plantation	Pertanian / Agriculture	Belukar/ Bushes	Hutan / Forest	Tapak Pembinaan / Construction Sites	Tapak Pelupusan / Disposal Sites	Industri / Industry	Lain-lain / Others
Perlis	8	6	1	0	0	0	0	0
Kedah	10	48	20	0	13	15	6	61
P.Pinang	0	2	2	0	4	2	2	4
Perak	31	20	28	31	5	5	2	10
Selangor	28	36	30	23	19	37	37	248
W.P. KL	0	0	0	0	0	0	0	0
N.Sembilan	9	0	1	11	1	0	0	2
Melaka	7	0	2	0	1	0	0	0
Johor	56	30	29	10	10	6	7	17
Pahang	129	22	44	208	0	0	2	14
Terengganu	26	0	28	24	11	2	8	32
Kelantan	93	9	6	98	5	5	13	43
Sarawak	164	128	353	217	1	31	7	58
Sabah	25	58	24	90	5	5	1	23
W.P. Labuan	0	0	10	0	1	0	1	10
Jumlah / Total	586	359	578	712	76	108	86	522
Jumlah Keseluruhan / Total Amount: 3,027								

7 (r) : Bilangan Kes Pembakaran Terbuka Bulanan, 2010/
Number of Open Burning Cases By Month, 2010

Negeri / State	Ladang / Plantation	Pertanian / Agriculture	Belukar/ Bushes	Hutan / Forest	Tapak Pembinaan / Construction Sites	Tapak Pelupusan / Disposal Sites	Industri / Industry	Lain- lain / Others
Januari / January	54	24	44	18	14	11	9	66
Februari / February	146	82	97	77	10	24	17	53
Mac / March	116	44	85	240	14	13	10	47
April / April	68	29	30	61	6	8	7	40
Mei / May	36	4	36	37	5	3	2	31
Jun / June	52	27	14	30	1	1	3	37
Julai / July	13	16	8	24	3	8	6	45
Ogos / August	29	48	115	64	9	3	11	55
September / September	15	39	49	89	3	11	2	26
Oktober / October	24	33	63	54	7	9	7	56
November / November	18	8	29	7	2	15	7	38
Disember / December	15	5	8	11	2	2	5	28
Jumlah / Total	586	359	578	712	76	108	86	552
Jumlah Keseluruhan / Total Amount: 3,027								

SEKSYEN 8 / SECTION 8 : PROGRAM KESEDARAN DAN PENDIDIKAN ALAM
ENVIRONMENTAL EDUCATION AND AWARENESS PROGRAM

8 (a): Bilangan Aktiviti Program Kesedaran Dan Pendidikan Alam
 Peringkat JAS IbuPejabat, 2010 /
 Number of Activities in Environmental Education and Awareness
 by DOE's Headquarters Level, 2010

Aktiviti/ Activities	Tahun
	2009
1. Pameran	20
2. Kern Kesedaran Alam Sekitar (KeKAS)	1
3. Perkhemahan Projek Wira Alam	2
4. Sambutan Hari Alam Sekitar Sedunia	1
5. Program Kerjasama	
5.1 Sekolah Lestari-Anugerah Alam Sekitar	1
5.2 Bandar Lestari-Anugerah Alam Sekitar	1
5.3 Pertandingan Debat Alam Sekitar Antara IPT	1
5.4 Program Pra-Sekolah	1
5.5 Sambutan Minggu Alam Sekitar Malaysia (MASM)	1
6. Kursus/Seminar/Bengkel Promosi	
8.1 Sekolah Lestari-Anugerah Alam Sekitar	-
8.2 Bandar Lestari-Anugerah Alam Sekitar	-
8.3 Projek Wira Alam	-
7. Penganugerahan/Pengiktirafan	
9.1 Anugerah Langkawi	-
9.2 Penganugerahan Bandar Lestari-Anugerah Alam Sekitar	-
9.3 Penganugerahan Sekolah Lestari-Anugerah Alam Sekitar	1
8. Kempen/Promosi	
10.1 Kitar Semula Bateri Telefon Bimbit	1
10.2 Amalan Mesra Alam	1
9. Penayangan Iklan TV	-
10. Iklan di Surat Khabar	-
11. Iklan di Radio	-
12. Penerbitan/Peretakan Bahan Promosi	
12.1 IMPAK	4 isu/ issue
12.2 Era Hijau	4 isu/issue
12.3 Laporan Tahunan	1 laporan/report
12.4 Laporan Kualiti Alam Sekeliling	1 laporan/report
12.5 Buku Kompendium Jabatan Alam Sekitar	1 laporan/report

8 (b) : Bilangan Aktiviti Program Kesedaran Dan Pendidikan Alam Sekitar Peringkat JAS Negeri, 2010 /
Number of Activities Environmental Education and Awareness Programme by DOE's States Level, 2010

Bil. No.	Aktiviti / Activities	PLS	KDH	PP	PRK	SLG	KL	NS	MLK	JHR	KLN	TRG	PHG	SBH	SRW	LAB
1.	Ceramah Sekolah-Sekolah/IPT	21	35	16	9	5	11	7	6	14	16	13	20	17	41	3
2.	Ceramah Umum/Industri	3	21	16	7	18	5	3	6	14	10	14		16	15	6
3.	Pameran	30	29	49	13	56	17	41	27	24	6	23	45	41	18	3
4.	Seminar/Taklimat/Bengkel/Dialog	-	6	5	9	12	0	7	32	5	5	2	-	17	3	1
5.	Kem Kesedaran Alam Sekitar (KeKAS)	2	8	5	1	2	2	1	1	5	1	5	4	4	1	2
6.	Minggu Alam Sekitar Maaysia (MASM)	-	-	5	-	-	3	-	-	1	-	12	4	18	3	-
7.	Lain-Lain (Nyatakan)															
7.1	Kolokium	10	13	15	-	-	26	15	20	-	4	6	-	13	-	-
7.2	Program RAS Bersama MP	-	-	1	-	2	-	-	5	18	2	2	-	9	8	-
7.3	Program Sekolah Lestari	2	9	5	1	7	4	4	-	26	6	-	5	1	25	-
7.4	Program Media Masa/Media Cetak/ Siaran Radio (Keringat Bakti)	-	2	2	-	-	-	-	-	-	1	-	4	5	-	-
7.5	Program Rakan Alam Sekitar (RAS)	4	-	-	1	2	-	1	5	-	-	2	-	26	8	-
7.6	Hari Alam Sekitar Sedunia (WED)	-	-	-	-	1	-	-	-	1	-	-	2	8	-	-
7.7	Penerbitan (Laporan Tahunan)	1	1	1	1	1	1	1	1	3	1	1	1	1		
7.8	Shell Prestige/UMS	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
7.9	Serasi	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
7.10	Lawatan Sambil Belajar/Kerja/Pelajar	-	-	-	8	-	-	-	-	-	-	-	-	-	-	6
7.11	Hari Bersama Pelanggan	-	3	-	3	2	-	-	12	12	4	0	7	4	-	-
7.12	Latihan Industri	-	-	-	-	4	-	7	-	-	17	16	-	-	-	1
7.13	Program Latihan Khidmat Negara	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
7.14	Program Komuniti	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-

Nota / Note:

- | | | | | | | | | |
|-----|---|-----------------|-----|---|--------------|----------|---|--------------------------------|
| JHR | - | JOHOR | PRG | - | PERLIS | TRG | - | TERENGGANU |
| KDH | - | KEDAH | PP | - | PULAU PINANG | WP (KJ) | - | PULAU PERSEKUTUAN KUALA LUMPUR |
| KLN | - | KELANTAN | PHG | - | PAHANG | WP (LAb) | - | WILAYAH PERSEKUTUAN LABUAN |
| MLK | - | MELAKA | SBH | - | SABAH | | | |
| NJS | - | NEGERI SEMBILAN | SLG | - | Selangor | | | |
| PRK | - | PERAK | SRK | - | SARAWAK | | | |



**INDEKS PETUNJUK PRESTASI
(KPI) (JAS NEGERI)**

**KEY PERFORMANCE INDEX
(KPI) (STATE OFFICES)**

PERLIS

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non-Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	-	-	-	-	-	-
ii		-	-	-	-	-	-
iii		1	1	3	1	0	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan UK Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P* (11)	L* (12)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	-	-	-	-	-	-	-
ii		-	-	-	-	-	-	-
iii		1	1	3	1	1	3	100%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	90	90	45	48
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	0	0	0
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	8	8	2	2
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	12 12	12 12	8 8	7 7

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	47		55	20

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	0	0	4	2	2,000.00
		10	5,400.00	20	2	0
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	1		3	0	
		7		10	0	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	2		3	0	
		6		10	0	
iii	Kes Bicara/ Trial Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	1		0	0	
		3		1	0	

PERLIS

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	21	20	7
2	Ceramah Umum/Public Lecture	3	2	3
3	Pameran/Exhibition	30	25	8
4	Seminar/ Taklimat/ Seminar/Briefing	-	-	-
5	Kem Kesedaran Alam Sekitar (KekAS)/ Environmental Awareness Camp (KekAS)	2	0	1
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	0	0	0
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	0	0	0
8	Lain-Lain/ Others			
	8.1 Kolokium/ Colloquium	10	10	2

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompau/ EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	0	2	3
ii.	Laporan EMP/ EMP Report	0	2	0
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	15	10	14
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	160	160	54
vi.	Lawatan Post EIA/Post EIA Visit	4	4	5
vii.	Rayuan Kompau/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	- 18	- 20	5 1
viii.	Lesen/Licence	11	8	3

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuhi/ Non-Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	6	6	47	6	0	100%
ii		12	12	52	12	0	100%
iii		23	23	53	23	0	100%

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2011 / Target 2011					Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)	
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuhi/ Total of Complying Target Premises (10)	P*	L*	Patuhi/ Complying (12)		Tidak Patuhi/ Non-Complying (13)
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	6	6	27	6	6	12	6	100%	
ii		12	12	51	12	12	20	12	100%	
iii		23	23	41	23	9	13	23	100%	

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	345	262	132	256
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	0	-	1
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	13	17	9	12
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	92 92	70 70	36 36	109 109

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	402		300	177

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	76	78,500.00	73	26	22,500.00
		64	25,500.00	95	31	9,500.00
2. i.	Mahkamah/Court Cases Kertas Sasatan kepada TPR/ Investigation Paper to TPR -Punca Tetap/Point Sources -Punca Bergerak/ Mobile Sources	12	-	6	1	
		65	-	60	14	
ii	Kes difailkan/ Filed Cases -Punca Tetap/Point Sources -Punca Bergerak/ Mobile Sources	12	-	6	1	
		56	-	60	28	
iii	Kes selesai/ Completed Cases -Punca Tetap/Point Sources -Punca Bergerak/ Mobile Sources	17	-	-	0	
		4	-	-	1	

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	25	14	27
2	Ceramah Umum/Public Lecture	21	14	9
3	Pameran/Exhibition	29	26	32
4	Seminar/ Taklimat/ Seminar/Briefing	5	2	2
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	8	8	8
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	0	0	0
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	0	15	4
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	13	6	2

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	24	-	11
ii.	Laporan EMP/ EMP Report	9	-	4
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	223	-	119
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development			
v.	Lawatan PAT/PAT Visit	736		359
vi.	Lawatan Post EIA/Post EIA Visit	30	36	19
vii.	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	76 58	80 70	16 23
viii.	Lesen/Licence	210	97	77

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

BL/ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills	2	2	20	2	0	100%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	3	3	19	3	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	65	65	120	64	1	98%

BL/ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011		Peratus Pematuhan/ Percentage of Compliance (14) = (7)+(13)/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan Utik Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P* L*	Tidak Patuh/ Non-Complying	
i	Kilang Kelapa Sawit / Palm Oil Mills	2	2	8	2	2	8	0%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	3	3	12	3	3	10	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	65	65	130	65	58	70	96.92%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	400	300	150	218
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	2	0	0	0
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	83	80	40	55
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	10 10	12 12	6 6	14 14

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Difenima / Complaint Received	1,015		800	394

PULAU PINANG

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	81	63,000.00	60	202	204,000.00
		217	124,100.00	190	86	25,900.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	41	-	15	27	-
		42	-	50	5	-
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	36	-	15	21	-
		93	-	50	18	-
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	43	-	15	25	-
		107	-	50	20	-

PULAU PINANG

A5: Program Pendidikan Dan Kesedaran Alam Sekitar / Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	12	16	3
2	Ceramah Umum/Public Lecture	23	16	5
3	Pameran/Exhibition	41	49	29
4	Seminar/ Taklimat/ Seminar/Briefing	2	5	0
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	5	2	0
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	11	3	0
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	2	4	4
8	Lain-Lain/ Others			
	8.1 Kolokium/ Colloquium	11	15	10

PULAU PINANG

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	27	-	10
ii.	Laporan EMP/ EMP Report	44	-	11
iii.	APB /Alat Kawalan/ Insinerator (Keluasan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	585	-	183
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,170	-	282
vi.	Lawatan Post EIA/Post EIA Visit	112	120	53
vii	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	39 72	30 100	95 53
viii	Lesen/Licence	10	-	6

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation

EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventori) / Total of Premises (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuh/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	46	46	83	45	1	97.83%
ii		11	11	34	11	0	100.00%
iii		31	31	61	30	1	96.77%

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2011 / Target 2011					Pencapaian Sesingga 30 Jun 2011 / Achievement Until 30 June 2011 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventori) / Total of Premises (Inventory) (7)	Premis yg Disasarkan Ulk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P*	L*				
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	46	46	72	46	39	56	35	4	91.30%	
ii		11	11	24	11	11	24	15	0	100.00%	
iii		32	32	40	32	26	33	22	4	87.50%	

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan / Land Patrol	142	-	61	147
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	-	-	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	30	-	-	-
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	126 122 122	- - -	- - -	69 75 75

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	645		600	300

A4 : Tindakan Undang-Undang (Kampaun dan Mahkamah) /
Legal Action (Compound and Court)

PERAK

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kampaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	71 161	109,000.00 155,600.00		72 134	92,000.00 71,500.00
2.	Mahkamah/Court Cases					
i.	Kertas Sasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	11 27	- -	30 100	4 1	- -
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	10 27	- -	- -	9 4	- -
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	1 -	- -	- -	1 -	- -

PERAK

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools		12	4
2	Ceramah Umum/Public Lecture		12	2
3	Pameran/Exhibition		16	15
4	Seminar/ Taklimat/ Seminar/Briefing		4	2
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)		4	1
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week		3	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen		13	5
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	-	-	-

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kumpulan/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	16	-	2
ii.	Laporan EMP/ EMP Report	10	10	9
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	291	250	78
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	1,312	600	1,002
v.	Lawatan PAT/PAT Visit			
vi.	Lawatan Post EIA/Post EIA Visit	74	70	49
vii	Rayuan Kumpulan/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	98 82	- 150	31 107
viii	Lesen/Licence	100	-	119

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment

PAT- Penilaian Awal Tapak / Pre-siting Evaluation

EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

SELANGOR

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patu/ Complying (4)	Tidak Patuh/ Non-Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills	21	21	51	21	0	100%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	2	2	4	2	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	80	69	148	73	4	91.25%

Bil./ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011						Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)		Jumlah Lawatan yg Disasarkan / Total of Visits Targeted		Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		
		(7)	(8)	(9)	(10)	P*	L*	
i	Kilang Kelapa Sawit / Palm Oil Mills	21	21	55	21	21	28	80.95%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	2	2	4	2	2	2	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	80	69	118	69	78	86	93.75%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	1,096		200	856
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	22		-	2
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	56		25	25
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan diisytiharkan/No. of Investigation	139 139 139		- - -	100 100 100

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	1,590		-	995

SELANGOR

A4 : Tindakan Undang-Undang (Kampaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011 / Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kampaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	393	583,500.00	445	331	410,500.00
		469	301,650.00	500	260	
2. i.	Mahkamah/Court Cases Kerjasama kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	76		150	14	-
		299		250	27	-
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	41 216		100 200	8 84	- -
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	215 -		32 -	42 -	- -

A5: Program Pendidikan Dan Kesedaran Alam Sekitar / Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	5		2
2	Ceramah Umum/Public Lecture	18		9
3	Pameran/Exhibition	56	30	30
4	Seminar/ Taklimat/ Seminar/Briefing	12	4	6
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	2	3	2
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	-	1	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	2	3	-
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	-	-	-

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	31	-	22
ii.	Laporan EMP/ EMP Report	52	-	28
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	825	-	439
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	2,167	-	1,087
vi.	Lawatan Post EIA/Post EIA Visit	170	170	84
vii	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	244 353	- -	239 110
viii	Lesen/Licence	420	-	261

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil/ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Premises Visited	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	-	-	-	-	-	-
ii		-	-	-	-	-	-
iii		8	8	8	6	2	75%

Bil/ No.	Aktiviti / Activities	Saaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Disasarkan Patuh/ Total of Complying Premises				
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	(7)	(8)	(9)	(10)	P*	(12)	(13)	(14) = [(7)-(13)]/(7)
ii		-	-	-	-	-	-	-	-
iii		6	6	6	6	-	6	-	100%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	174	48	24	111
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	-	-	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	12	2	-	-
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	-	-	-	-

* R-Bil. Program Dirancang/No. of Planning Programme

* L-Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	515	-	-	165

KUALA LUMPUR

A4 : Tindakan Undang-Undang (Kampaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kampaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	4	3,400.00	3	13	4,950.00
		543	224,430.00	350	340	72,000.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	2	-	-		0
		82	-	-		0
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	2	-	-		0
		35	-	-		17
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	2	-	-		0
		35	-	-		4

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	11	10	13
2	Ceramah Umum/Public Lecture	5	3	3
3	Pameran/Exhibition	17	15	16
4	Seminar/ Taklimat/ Seminar/Briefing	0	0	1
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	2	2	3
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	3	0	3
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	0	0	0
8	Lain-Lain/ Others			
	8.1 Kolokium/ Colloquium	33	24	15

KUALA LUMPUR

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompound/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	0	-	-
ii.	Laporan EMP/ EMP Report	1	-	2
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	178	-	105
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	16	-	17
vi.	Lawatan Post EIA/Post EIA Visit	45	45	36
vii.	Rayuan Kompound/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	2 392	-	4 218
viii.	Lesen/Licence	37	-	10

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory)/Total of Premises (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhan/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	3	3	12	3	0	100%
ii		1	1	2	1	0	100%
iii		19	19	78	19	0	100%

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)	
		Jumlah Premis (Inventory) / Total of Premises (Inventory) (7)	Premis yg Diasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Diasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Diasarkan Patuh/ Total of Complying Target Premises (10)	P* L*	Patuhan/ Complying (12)		Tidak Patuh/ Non- Complying (13)
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	3	3	12	3	6	3	0	100%
ii		1	1	2	1	2	1	0	100%
iii		22	22	73	22	57	22	22	0

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	160	150	124	124
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	0	0	0
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	129	150	100	100
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan diisytiharkan/No. of Investigation	12 12	- -	11 11	20 20

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	266		200	133

A4 : Tindakan Undang-Undang (Komponen dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	48	66,500.00	60	25	9,000.00
		250	150,500.00	200	146	66,400.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	10	-	10	2	-
		30	-	30	6	-
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	10	-	10	2	-
		30	-	30	6	-
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	0	-	0	0	-
		0	-	0	0	-

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools Ceramah	6	6	2
2	Ceramah Umum/Public Lecture	6	6	6
3	Pameran/Exhibition	27	10	16
4	Seminar/ Taklimat/ Seminar/Briefing	32	2	7
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	1	1	0
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	0	0	0
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	5	5	1
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	20	20	14

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	16	5	5
ii.	Laporan EMP/ EMP Report	24	12	16
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	68	50	24
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,060	700	585
vi.	Lawatan Post EIA/Post EIA Visit	60	60	37
vii.	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	35 234	60 250	7 56
viii.	Lesen/Licence	26	23	24

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-sifting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Puncu Yang Ditetapkan dan Peratusan Pematuhan (%) Prescribed Premises Inspection and Percentage of Compliance (%)

BL/ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhan/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills	14	14	42	12	2	85.71%
ii	Kilang Getah Asli Mentah / Row Natural Rubber Factories	12	12	40	12	0	100.00%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	17	14	65	17	0	100.00%

BL/ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance $(14) = \frac{[(7)-(13)]}{(7)}$
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Diasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Diasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Diasarkan Patuh/ Total of Complying Premises (10)	P*	L*	
i	Kilang Kelapa Sawit / Palm Oil Mills	15	15	35	15	15	21	80.00%
ii	Kilang Getah Asli Mentah / Row Natural Rubber Factories	11	11	35	11	11	19	100.00%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	18	18	55	18	16	44	88.89%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	103	80	40	102
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	-	-	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	40	40	20	20
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	48 48	30 30	16 16	12 12

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	456		400	227

NEGERI SEMBILAN

A4 : Tindakan Undang-Undang (Komaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Komaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	161	73,000.00	150	92	32,000.00
		82	88,000.00	85	123	153,000.00
2. i.	Mahkamah/Court Cases Kertas Sasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	68	-	30	8	-
		105	-	20	9	-
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	39	-	25	7	-
		86	-	20	6	-
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	47	-	25	6	-
		2	-	20	0	-

NEGERI SEMBILAN

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	7	7	5
2	Ceramah Umum/Public Lecture	3	3	6
3	Pameran/Exhibition	41	25	18
4	Seminar/ Taklimat/ Seminar/Briefing	7	7	4
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	1	1	-
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	-	-	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	-	-	-
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	15	15	7

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	11	8	10
ii.	Laporan EMP/ EMP Report	10	5	8
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	189	190	171
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	992	900	510
v.	Lawatan PAT/PAT Visit	-	-	-
vi.	Lawatan Post EIA/Post EIA Visit	56	50	27
vii.	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	49 130	30 100	44 67
viii.	Lesen/Licence	67	70	73

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil/ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	64	64	147	60	4	93.75%
ii		14	14	22	13	1	92.86%
iii		48	48	67	50	0	100.00%

Bil/ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)		
		Jumlah Premis (Inventory) (7)	Premis yg Diasakan Ulk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan Yg Diasakan / Total of Visits Targeted (9)	Jumlah Premis Yang Diasakan Patuh/ Total of Complying Target Premises (10)	P* L*	Patuhi/ Complying (12)		Tidak Patuh/ Non- Complying (13)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	63	63	126	63	63	135	58	5	92.06%
ii		14	14	28	14	14	26	14	0	100.00%
iii		50	50	100	50	50	72	44	6	88.00%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	145	200	72	194
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	10	36	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	14	12	6	5
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	213	200	72	16

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	677		100%	501

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	609	643,100.00		366	267,300.00
		650	593,950.00			
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	98	-	150	33	
		115	-	150	11	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	97	-	-	29	
		105	-	-	36	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	71	-	-	24	
		6	-	-	4	

A5: Program Pendidikan Dan Kesedaran Alam Sekitar / Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools Ceramah	14	15	6
2	Umum/Public Lecture	14	10	10
3	Pameran/Exhibition	24	20	21
4	Seminar/ Taklimat/ Seminar/Briefing	5	6	6
5	Kem Kesedaran Alam Sekitar (KekAS)/ Environmental Awareness Camp (KeKAS)	-	-	-
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	-	-	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	18	100	12
8	Lain-Lain/ Others			
	8.1 Kolokium/ Colloquium	-	-	-

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

JOHOR

BI/ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	36	40	21
ii.	Laporan EMP / EMP Report	37	50	26
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	505	600	357
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	2,446	1,900	1,132
vi.	Lawatan Post EIA/Post EIA Visit	211	180	137
vii	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	325 560	325 400	249 295
viii	Lesen/Licence	179	179	187

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment

PAT- Penilaian Awal Tapak / Pre-siting Evaluation

EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					
		Jumlah Premis (Inventory) / Total of Premises (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuh/ Complying (4)	Tidak Patuh/ Non-Complying (5)	Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	70	70	177	70	0	100%
ii		9	9	26	9	0	100%
iii		8	8	32	8	0	100%

Bil./ No.	Aktiviti / Activities	Sooran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non-Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory) (7)	Premis yg Disasarkan Uik Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P*	L*			
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	70	70	180	70	70	107	70	0	100%
ii		9	9	30	9	9	16	9	0	100%
iii		8	8	35	8	8	17	8	0	100%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	536	540	210	435
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	34	0	0	2
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	23	23	7	3
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	485 402	170 170	128 128	114 114

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	182		180	111

A4 : Tindakan Undang-Undang (Kampan dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kampan/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	41	53,000.00	42	23	17,000.00
		238	163,300.00	215	118	94,750.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	31	-	20	8	
		74	-	40	12	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	16	-	20	13	
		52	-	40	9	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	-	-	-	-	
		-	-	-	-	

PAHANG

A5: Program Pendidikan Dan Kesedaran Alam Sekitar / Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	24	24	8
2	Ceramah Umum/Public Lecture			
3	Pameran/Exhibition	30	30	23
4	Seminar/ Taklimat/ Seminar/Briefing	-	-	-
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	4	3	2
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	1	0	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	-	-	-
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	-	-	-

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kampaun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	26	20	11
ii.	Laporan EMP/ EMP Report	20	20	3
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	81	100	261
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,055	1,000	812
vi.	Lawatan Post EIA/Post EIA Visit	94	85	25
vii	Rayuan Kampaun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	23 182	20 180	16 87
viii	Lesen/Licence	93	93	93

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010				Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises	Premis Dilawati/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying		
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	13	13	63	11	(5)	84.62%
ii		2	2	4	2		
iii		8	8	23	8		

Bil./ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011		Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance (14) = (12)/(17)
		Jumlah Premis (Inventory) / Total of Premises	Premis yg Disasarkan UK Dilawati/ Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises	P*	L*			
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	13	13	55	13	32	(12)	(13)	84.62%	
ii		2	2	4	2	2				
iii		8	8	23	8	11				

*P- Bil. Premis Dilawati/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	210	200	100	148
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	3	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	32	26	14	6
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	56 56	- -	- -	30 30

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	189		-	70

TERENGGANU

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	38	48,500.00	20	11	9,000.00
		185	80,050.00	350	123	47,060.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	3	-	10	0	
		37	-	50	3	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	3	-	10	0	
		35	-	50	3	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	9	-	-	0	
		24	-	-	19	

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools Ceramah	13	13	11
2	Umum/Public Lecture	17	14	9
3	Pameran/Exhibition	23	20	20
4	Seminar/ Taklimat/ Seminar/Briefing	2	2	0
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KekAS)	5	5	3
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	0	0	0
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	5	6	6
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	6	8	2

TERENGGANU

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	19	-	6
ii.	Laporan EMP / EMP Report	12	-	3
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	51	-	59
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development			
v.	Lawatan PAT/PAT Visit	469	-	258
vi.	Lawatan Post EIA/Post EIA Visit	84	80	47
vii.	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	41 125	- -	11 114
viii.	Lesen/Licence	34	-	30

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuhi/ Non-Complying (5)	
i	Premis Yang Ditetapkan/ Prescribed Premises Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	10	10	40	9	1	90.00%
ii		8	8	33	8	0	100.00%
iii		0	0	0	0	0	-

Bil./ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011					Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan UIK Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuhi/ Total of Complying Premises (10)	Tidak Patuhi/ Non-Complying (13)	
i	Premis Yang Ditetapkan/ Prescribed Premises Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	10	10	40	10	0	100.00%
ii		7	7	28	7	2	71.43%
iii		0	0	0	0	0	-

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

KELANTAN

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	55	96	64	86
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	9	-	-	-
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	13	9	5	7
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	184 170	100 100	42 42	62 62

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number		
1	Aduan Diterima / Complaint Received	178	150	76

KELANTAN

A4 : Tindakan Undang-Undang (Kompau dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011		Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM	Bilangan kes/ Number of Cases	*RM	Bilangan kes/ Number of Cases	*RM
1.	Kompau/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	21	14,000.00	30	8,000.00	10	8,000.00
		157	62,700.00	155	33,100.00	94	33,100.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	7	-	5	-	4	-
		92	-	100	-	104	-
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	4	-	5	-	6	-
		68	-	70	-	51	-
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	9	-	5	-	0	-
		69	-	50	-	0	-

KELANTAN

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	16	15	13
2	Ceramah Umum/Public Lecture	10	8	3
3	Pameran/Exhibition	6	8	4
4	Seminar/ Taklimat/ Seminar/Briefing	5	3	3
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	1	-	1
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	-	-	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	2	2	0
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	4	5	1

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	25	20	12
ii.	Laporan EMP/ EMP Report	20	20	9
iii.	APB /Alat Kawalan/ Insinator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	23	15	32
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	80	50	52
vi.	Lawatan Post EIA/Post EIA Visit	50	82	56
vii.	Rayuan Kumpulan/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	23 137	15 150	15 71
viii.	Lesen/Licence	18	18	16

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
		Jumlah Premis (Inventori) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non-Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	122	122	290	116	6	95.08%
ii		3	3	6	3	0	100.00%
iii		12	12	26	12	0	100.00%

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)		
		Jumlah Premis (Inventori) / Total of Premises (Inventory)	Premis Yg Disasarkan Utik Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises (10)	P*	L*			
									Patuhi/ Complying (12)	Tidak Patuh/ Non-Complying (13)
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengalihan Buangan Terjadual / Scheduled Waste Treatment Facility	123	123	306	123	123	134	121	2	(14) = (7)-(13)/(7) 98.37%
ii		3	3	6	3	3	2	2	0	100.00%
iii		12	12	24	12	12	13	8	0	100.00%

*P-Bil. Premis Dilawat/No. of Visited Premises L-Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	407	250	150	296
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	142.88	96	96	2.17
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	14	18	10	12
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	420 303	300 150	140 75	24 24

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	215		200	108

SABAH

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	99	125,900.00	100	55	58,000.00
		168	150,800.00	200	69	61,700.00
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	59		60	23	
		87		60	9	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	49		60	7	
		63		60	30	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	26		60	29	
		60		60	43	

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	11	15	6
2	Ceramah Umum/Public Lecture	18	15	12
3	Pameran/Exhibition	31	30	19
4	Seminar/ Taklimat/ Seminar/Briefing	28	20	9
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KekAS)	8	8	2
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	18	15	3
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	32	8	1
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	12	12	1

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompaun/
EIA/KB/APB/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	5	10	7
ii.	Laporan EMP/ EMP Report	7	10	4
iii.	APB /Alat Kawalan/ Insinator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	267	270	85
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	297	250	63
vi.	Lawatan Post EIA/Post EIA Visit	20	20	12
vii	Rayuan Kompaun/Compound Appeal - Punca Tetap / Paint Sources - Punca Bergerak / Mobile Sources	56 123	56 123	19 32
viii	Lesen/Licence	142	140	141

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (b) = (4)/(11)
		Jumlah Premis (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	47	47	101	41	6	87.23%
ii		4	4	6	4	0	100.00%
iii		40	40	109	36	4	90.00%

Bil./ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011					Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)	Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Diasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Diasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Diasarkan Patuh/ Total of Target Premises (10)	P*				
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	53	53	120	47	53	72	43	10	81.13%
ii		4	4	6	4	4	9	4	0	100.00%
iii		44	44	100	42	44	87	38	6	86.36%

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

SARAWAK

A2 : Operasi Mencegah Pembakaran Terbuka Prevention Operation for Open Burning

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	172	200	140	126
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	65	0	0	0
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	42	20	15	15
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	889 889	1,000 1,000	600 600	288 288

* R-Bil. Program Dirancang/No. of Planning Programme

* L-Bil. Program Dilaksana/ No. of Implemented Programme

A3 : Penyiataan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
		Bilangan/ Number		
1	Aduan Diterima / Complaint Received	284	300	155

A4 : Tindakan Undang-Undang (Kompaun dan Mahkamah) / Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Kompaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	130	149,000.00	120	104	106,750.00
		175	70,050.00	100	88	
2. i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	6	-	30	54	
		0	-	5	2	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	5	-	25	32	
		0	-	5	2	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	14	45,000.00	25	23	216,000.00
		0	-	-	2	4,000.00

SARAWAK

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools Ceramah	68	30	4
2	Umum/Public Lecture	15	10	2
3	Pameran/Exhibition	18	15	10
4	Seminar/ Taklimat/ Seminar/Briefing	3	2	2
5	Kem Kesedaran Alam Sekitar (KekAS)/ Environmental Awareness Camp (KekAS)	1	2	1
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week			
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	0	5	1
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	-	-	-

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	13	10	5
ii.	Laporan EMP/ EMP Report	22	10	10
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinerator (Written Approval)	428	480	190
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	173	150	87
vi.	Lawatan Post EIA/Post EIA Visit	75	53	43
vii	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	57 245	50 250	34 72
viii	Lesen/Licence	133	140	133

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

A1a : Pemeriksaan Punca Yang Ditetapkan dan Peratusan Pematuhan (%)
 Prescribed Premises Inspection and Percentage of Compliance (%)

Bil/ No.	Aktiviti / Activities	Kedudukan 2010 / Status 2010					Peratus Pematuhan/ Percentage of Compliance (b) = (4)/(1)
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuh/ Non- Complying (5)	
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	0	-	-	-	-	-
ii		0	-	-	-	-	-
iii		3	3	6	3	0	100%

Bil/ No.	Aktiviti / Activities	Sasaran target 2011 / Target 2011				Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011 (11)		Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)				
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P* L*	Patuhi/ Complying (12)		Tidak Patuh/ Non- Complying (13)			
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	0	0	0	0	0	0	0	0	0	0	0
ii		0	0	0	0	0	0	0	0	0	0	0
iii		4	4	8	4	4	4	4	4	4	0	0

*P- Bil. Premis Dilawat/No. of Visited Premises L- Bil. Lawatan/No. Of Visits

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

Bil/ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2010/ Achievement 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
				R*	L*
i	Rondaan Daratan/ Land Patrol	120	120	30	40
ii	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	2	0	4	4
iii	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	10	10	2	2
iv	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of investigation	0 0	0 0	0 0	0 0

* R- Bil. Program Dirancang/No. of Planning Programme

* L- Bil. Program Dilaksana/No. of Implemented Programme

A3 : Penyiasatan Aduan / Complaint Investigation

Bil/ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011 / Achievement Until 30 June 2011
1	Aduan Diterima / Complaint Received	36	12	8

LABUAN

A.4 : Tindakan Undang-Undang (Komaun dan Mahkamah) /
Legal Action (Compound and Court)

Bil./ No.	Aktiviti / Activities	Kedudukan 2010/ Status 2010		Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1.	Komaun/Compounds - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	43 0	58,000.00 0	10 30	20 17	20,000.00 15,000.00
2:	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	0 0		3 1	0 0	
ii	Kes difailkan/ Filed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	0 0		3 1	0 0	
iii	Kes selesai/ Completed Cases - Punca Tetap/Point Sources - Punca Bergerak/ Mobile Sources	0 0		3 1	0 0	

A5: Program Pendidikan Dan Kesedaran Alam Sekitar /
Environmental Education And Awareness Programmes

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011 / Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	4	3	2
2	Ceramah Umum/Public Lecture	6	3	3
3	Pameran/Exhibition	5	5	-
4	Seminar/ Taklimat/ Seminar/Briefing	1	1	2
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KekAS)	2	1	1
6	Minggu Alam Sekitar Malaysia/ Malaysia Environment Week	0	1	-
7	Program Rakan Alam Sekitar Bersama Ahli Parlimen	0	1	-
8	Lain-Lain/Others			
	8.1 Kolokium/ Colloquium	0	12	3

A6: Permohonan EIA/KB/APB/Lesen/Rayuan Kompoun/
EIA/KB/FBE/Licence/Compound Appeal Application

Bil./ No.	Program/ Programme	Kedudukan 2010/ Status 2010	Sasaran 2011/ Target 2011	Pencapaian Sehingga 30 Jun 2011/ Achievement Until 30 June 2011
i.	Laporan EIA / EIA Report	2	2	3
ii.	Laporan EMP/ EMP Report	2	1	2
iii.	APB /Alat Kawalan/ Insinator (Kelulusan Bertulis)/ FBE/Control Equipment/ Incinator (Written Approval)	34	10	12
iv.	PAT & Ulasan Input Pembangunan/ PAT & Input Comment Development	110	50	28
v.	Lawatan PAT/PAT Visit	-	-	-
vi.	Lawatan Post EIA/Post EIA Visit	22	21	5
vii	Rayuan Kompoun/Compound Appeal - Punca Tetap / Point Sources - Punca Bergerak / Mobile Sources	- -	- -	- -
viii	Lesen/Licence	42	17	23

Nota / Note : APB- Alat Pembakaran Bahan api / Fuel Burning Equipment
PAT- Penilaian Awal Tapak / Pre-siting Evaluation
EMP- Rancangan Pengurusan Alam Sekitar / Environmental Management Plan

Glosari / Glossary

Akta Kualiti Alam Sekeliling, 1974 / *Environmental Quality Act, 1974*

- Suatu Akta berhubung dengan mencegah, menghapus, mengawal pencemaran dan memperbaiki alam sekeliling, dan bagi maksud-maksud yang berkaitan dengannya / *An Act relating to the prevention, abatement, control of pollution and enhancement of the environment, and for purposes connected therewith.*

Alam Sekeliling / *Environment*

- Faktor-faktor fizika bagi kawasan di sekeliling manusia termasuk tanah, air, udara, iklim, bunyi, bau, rasa, faktor-faktor biologi bagi binatang-binatang dan tumbuh-tumbuhan dan faktor-faktor sosial estetika / *The physical factors of the surroundings of the human beings including land, water, atmosphere, climate, sound, odour, taste, the biological factors of animals and plants and the social factor of aesthetics.*

Efluen / *Effluent*

- Kumbahan atau efluen-efluen perindustrian / *Sewage or industrial effluent.*

Efluen Perindustrian / *Industrial Effluent*

- Cecair atau air buangan yang dihasilkan oleh sebab-sebab proses pengeluaran yang berlaku di mana-mana premis perindustrian / *Liquid water or wastewater produced by reason of the production processes taking place at any industrial premises.*

Loji Perindustrian / *Industrial Plant*

- Sesuatu loji yang digunakan untuk menjanak kuasa atau untuk apa-apa kegunaan perindustrian atau untuk mengendalikan kapal, kapal-korek, loko, kerin atau lain-lain mesin / *Any plant used for the generation of power or for any industrial use or for the operation of ships, dredges, locomotives, cranes or other machines.*

Kumbahan / *Sewage*

- Apa-apa pelepasan buangan cecair atau air buangan yang mengandungi haiwan atau jirim tumbuhan di dalam keadaan ampaiian atau larutan dan boleh termasuk cecair-cecair yang mengandungi bahan-bahan kimia di dalam larutan / *Any liquid waste or wastewater discharge containing animal or vegetable matter in suspension or solution, and may include liquids containing chemicals in solution.*

Premis / *Premises*

- Termasuklah mesuaj, bangunan, tanah, dan hereditamen tiap-tiap pemegangan dan apa-apa jentera atau loji / *Includes messuages, buildings, lands, and hereditaments of every tenure and any machinery or plant.*

Premis Yang Ditetapkan / Prescribed Premises

- Sesuatu premis yang ditetapkan oleh Menteri di bawah seksyen 18 / Any premises prescribed by the Minister under section 18.

Pencemar / Pollutants

- Apa-apa benda semulajadi atau buatan, sama ada dalam bentuk pepejal, separuh pepejal atau cecair, atau dalam bentuk gas atau wap, atau campuran sekurang-kurangnya dua daripada benda ini, atau bau-bau busuk atau bunyi bising atau haba yang dilepaskan, dikeluarkan atau diletakkan atau yang berkemungkinan dilepaskan, dikeluarkan atau diletakkan daripada mana-mana sumber yang boleh secara langsung atau tidak langsung menyebabkan pencemaran dan termasuk apa-apa benda berbahaya kepada alam sekeliling / Any natural or artificial substances, whether in a solid, semi-solid or liquid form, or in the form of gas or vapour, or in a mixture of at least two of these substances, or any objectionable odour or noise or heat emitted, discharges or deposited or is likely to be emitted, discharged or deposited from any source which can directly or indirectly cause pollution and includes any environmentally hazardous substances.

Pembakaran Terbuka/ Open Burning

- Apa-apa kebakaran, pembakaran atau pembaraan yang berlaku di udara bebas dan yang tidak dihalakan ke udara bebas itu melalui serombong atau cerobong, tetapi tidak termasuk apa-apa kebakaran, pembakaran atau pembaraan yang berlaku bagi aktiviti-aktiviti yang ditetapkan oleh Menteri melalui perintah yang disiarkan dalam Warta / Any fire, combustion or smouldering that occurs in the open air and which is not directed there through a chimney or stack.

Program Pengawasan / Monitoring Programme

- Segala tindakan yang diambil dan segala kelengkapan yang digunakan bagi maksud mengesan atau mengukur dari segi kuantiti atau kualiti adanya, jumlah atau aras apa-apa benda, ciri atau kesan / All actions taken and equipment used for the purpose of detecting or measuring quantitatively or qualitatively the presence, amount or level of any substance, characteristic or effect.

Anneks / Annex

Klasifikasi Kualiti Air JAS Berdasarkan Indeks Kualiti Air /
DOE Water Quality Classification Based On Water Quality Index

SUB-INDEKS & INDEKS KUALITI AIR SUB INDEX & WATER QUALITY INDEX	HAD INDEKS / INDEX RANGE		
	BERSIH / CLEAN	SEDIKIT TERCEMAR / SLIGHTLY POLLUTED	TERCEMAR / POLLUTED
Keperluan Oksigen Biokimia (BOD) / Biochemical Oxygen Demand (BOD)	91-100	80-90	0-79
Nitrogen Ammonia (NH ₃ -N) / Ammoniacal Nitrogen (NH ₃ -N)	92-100	71-91	0-70
Pepejal Terampai (SS) / Suspended Solids (SS)	76-100	70-75	0-69
Water Quality Index (WQI)	81-100	60-80	0-59

Sumber/ Source: Malaysia Environmental Quality Report 2010

Punca Pencemaran (Aktiviti) / Source of Pollution (Activity):

Kumbahan/ Aktiviti Pertanian & Industri Pembuatan / Sewage, Agrobased and Manufacturing Industries

Petunjuk Pencemaran (Parameter) / Pollution Indicator (Parameter):

Keperluan Oksigen Biokimia (BOD) / Biochemical Oxygen Demand (BOD)

Punca Pencemaran (Aktiviti) / Source of Pollution (Activity):

Kumbahan & Penternakan Haiwan / Sewage & Animal Farming

Petunjuk Pencemaran (Parameter) / Pollution Indicator (Parameter):

Nitrogen Ammonia (NH₃-N) / Ammoniacal Nitrogen (NH₃-N)

Punca Pencemaran (Aktiviti) / Source of Pollution (Activity):

Kerja-Kerja Tanah & Pembukaan Tanah / Earthworks & Land Clearings

Petunjuk Pencemaran (Parameter) / Pollution Indicator (Parameter):

Pepejal Terampai (SS) / Suspended Solids (SS)



**Jabatan Alam Sekitar
Kementerian Sumber Asli dan Alam Sekitar
Aras 1- 4, Podium 2 &3
Wisma Sumber Asli
No. 25 Persiaran Perdana
Presint 4, 62574 Putrajaya**