

BUKU KOMPENDIUM 2010



Kementerian Sumber Asli Dan Alam Sekitar
Ministry of Natural Resources and Environment Malaysia



Jabatan Alam Sekitar
Department Of Environment

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Buku kompendium Jabatan Alam Sekitar / Jabatan Alam Sekitar
Malaysia.

BUKU KOMPENDIUM
JABATAN ALAM SEKITAR
2010

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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 1,665 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 memperbaiki alam sekeliling melalui penguatkuasaan AKAS, 1974 dan Peraturan-Peraturan di bawahnya / *Environmental management in Malaysia became more focused with the gazettment 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 1,665 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 there under.*

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 (Mengkompoun 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 (Kumbahan dan Effluen Effluen Perindustrian), 1979 / *Environmental Quality (Sewage and Industrial Effluents) Regulations, 1979*
- 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 (Mengkompoun Kesalahan Kesalahan) (Pembakaran Terbuka), 2000 / *Environmental Quality (Compounding of Offences) (Open Burning) Rules, 2000*
- Perintah Kualiti Alam Sekeliling (Perwakilan Kuasa) (Penyiasatan 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), 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

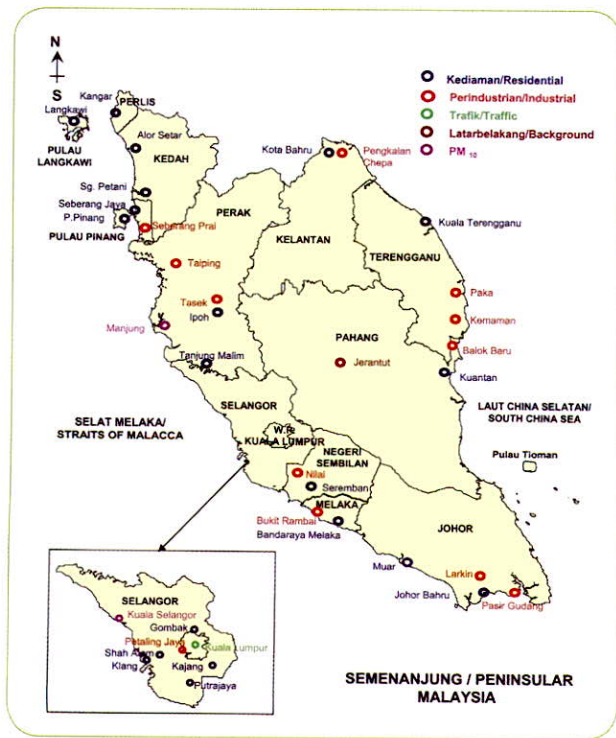
1 (a) : Indeks Pencemar Udara (IPU) / Air Pollutant Index (API)

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

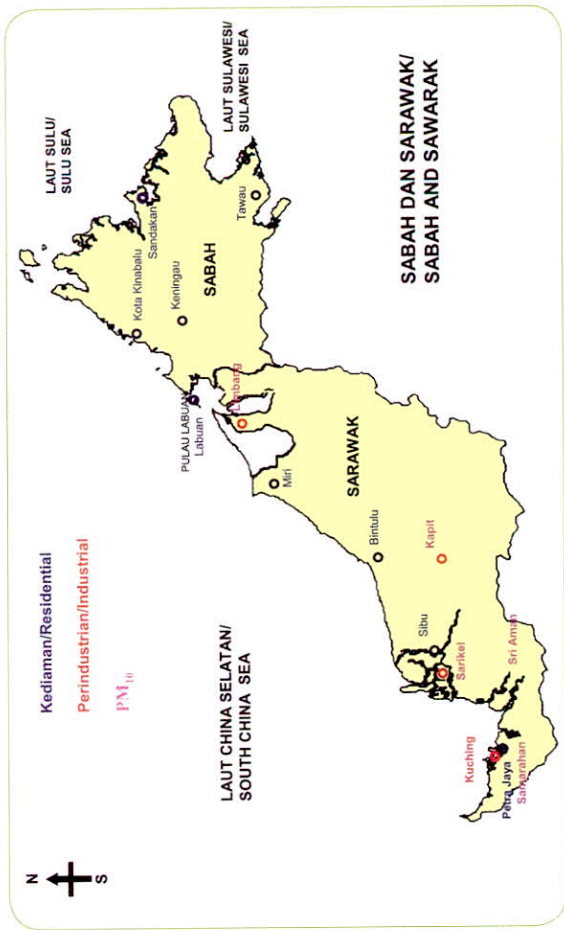
1 (b) : Garispanduan Kualiti Udara Sekeliling di Malaysia / Malaysian Ambient Air Quality Guidelines

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

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 (L_{Aeq}) Di Kawasan
Pembangunan dan Perancangan Tebusguna Tanah /
*Maximum Permissible Sound Level (L_{Aeq}) 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, park 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 / <i>Noise sensitive areas and low density residential areas</i>	$L_{90} + 10 \text{ dB (A)}$	$L_{90} + 5 \text{ dB (A)}$
Kawasan luar bandar dan bandar / <i>Suburban and Urban Residential Areas</i>	$L_{90} + 10 \text{ dB (A)}$	$L_{90} + 5 \text{ dB (A)}$
Kawasan perniagaan dan komersil / <i>Commercial and business areas</i>	$L_{90} + 10 \text{ dB (A)}$	$L_{90} + 10 \text{ dB (A)}$
Kawasan perindustrian / <i>Industrial Areas</i>	$L_{90} + 10 \text{ dB (A)}$	$L_{90} + 10 \text{ dB (A)}$

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, low density residential areas	55 dB (A)	50 dB (A)
Kawasan luar bandar (kepadatan penduduk sederhana) / Suburban residential (medium density)	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

2 (d) : Aras Maksimum Bunyi Yang Dibenarkan (L_{Aeq}) Di Kawasan
 Pembangunan dan Perancangan Tebusguna Tanah /
 Maximum Permissible Sound Level (L_{Aeq}) of Receiving Land Use for
 Planning and Development

Kategori Punca / Sources Category	Lokasi / Location	Bilangan Pengukuran / No. of Measurement	Pematuhan / Compliance [%]
Trafik / Traffic	Terengganu • Kompleks Sri Iman, Jalan Bukit Besar	34	0
	Pahang • Jalan Endau Rompin, Tg. Gemok, Kuala Rompin • KM4, Jalan Gambang - Kuantan, Tanah Puteh	15 14	0 0
	Selangor • Lebuhraya Persekutuan, Petaling Jaya	18	0
	P. Pinang • Lebuhraya Lingkaran Luar Butterworth (BORR) • Jalan Sultan Azlan Shah	6 4	66.7 0
	Melaka • Lapangan Terbang Batu Berendam, Melaka	8	62.5
	Kedah • Simpang Empat Kuala, Alor Setar	33	6.1
	Sabah • Jalan UMS-Sulaman • Jalan Tunku Abdul Rahman	17 17	0 0
	Kelantan • Jalan Kota Bharu - Kuala Krai • Jalan Sultan Yahya Petra	4 4	0 0
	Sarawak • Bulatan Matang, Siburan • Bulatan Batu 3, Jalan Kuching Serian	4 4	0 25

Kategori Punca / Sources Category	Lokasi / Location	Bilangan Pengukuran / No. of Measurement	Pematuhan / Compliance [%]
Traffic	• Persimpangan Pasir Gudang	2	0
	Perak • Taman Panorama	3	0
	Putrajaya • Presint 8	4	0
Industri / Industry	Kuala Lumpur • Taman Seri Petaling	2	0
	Pahang • Kawasan Perindustrian Mentakab	14	100
	Selangor • Kawasan Perindustrian Seksyen 15, Shah Alam	18	5.6
	Pulau Pinang • Kawasan Industri Bertam – NAZA	6	100
	Kedah • Kawasan Perindustrian Bakar Arang, Sg Petani • Kawasan Perindustrian Bukit Kayu Hitam	33	3.0
		30	60.0
	Sabah • Kawasan Perindustrian Hosba Sabah • Kawasan Perindustrian Inanam	3	66.7
		18	27.8
	Negeri Sembilan • Kilang MCIS • Stesen Taman Bukit Mahkota, Kawasan Perindustrian Arab Malaysian	4	100
		6	66.7
	Pertis • Taman 20, Kangar	3	0
	Sarawak • Kawasan Perindustrian Demak Laut	4	100

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

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
PERLIS	Perlis	Jarum Jernih Pelarit Wang Kelian	1	83	83	II	C
			2	87	81	II	C
			1	92	90	II	C
			1	93	92	II	C
KEDAH	Merbok	Bukit Merah Tok Pawang Tupah	1	83	90	II	C
			2	87	92	II	C
			2	94	95	I	C
	Kisap	Kisap	1	93	93	I	C
	Ulu Melaka	Petang Ulu Melaka	1	93	92	II	C
			1	88	86	II	C
	Kedah	Janing Pdg Terap Pedu Tekai	1	93	94	I	C
			4	85	86	II	C
			1	90	90	II	C
			1	87	88	II	C
KEDAH/ PPINANG	Muda	Chepir Karangan Ketil Muda Pegang Sedim Tawar	1	86	88	II	C
			1	85	88	II	C
			2	86	87	II	C
			4	87	87	II	C
			1	93	93	I	C
			1	85	86	II	C
			1	88	90	II	C
PPINANG	Pinang	Air Terjun	1	95	94	I	C
	Kluang	Ara	2	80	84	II	C
	Perai	Kulim	4	82	87	II	C
PPINANG/ PERAK	Kerian	Kechil Kerian	2	79	83	II	C
			4	79	81	II	C
PERAK	Perak	Batang Padang Bidor Chepor Cuar Kampar Kangsar Kinjang Kuang Pelus Perak Raia	3	84	85	II	C
			3	84	83	II	C
			1	93	96	I	C
			1	93	92	II	C
			2	91	87	II	C
			2	85	87	II	C
			1	94	90	II	C
			1	83	84	II	C
			2	89	88	II	C
			8	86	89	II	C
			2	90	87	II	C

**3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009**

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
PERAK	Perak	Sungkai	2	87	84	II	C
	Raja Hitam	Manjong Nyior	2 1	82 93	87 93	II I	C C
	Kurau	Ara	2	90	94	I	C
	Sepetang	Batu Tegoh	3	86	87	II	C
		Jana	2	86	87	II	C
		Limau	1	91	87	II	C
		Temerloh	2	92	91	II	C
		Trong	1	90	92	II	C
		Tupai	1	86	84	II	C
	Bruas	Bruas	3	82	87	II	C
		Dandang	1	82	86	II	C
		Rotan	2	89	93	I	C
PERAK/ SELANGOR	Bernam	Inki	1	93	93	I	C
		Slim	3	88	90	II	C
		Trolak	2	91	93	I	C
SELANGOR	Langat	Chauau	2	89	91	II	C
		Lui	1	92	91	II	C
	Selangor	Batang Kali	1	91	91	II	C
		Kanching	1	91	93	I	C
		Kerling	1	91	94	I	C
		Selangor Serendah	5 1	86 88	83 86	II II	C C
SELANGOR / WPKL	Klang	Gombak	3	82	82	II	C
		Semelah	1	83	86	II	C
N.SEMBILAN	Linggi	Batang Penar	3	86	82	II	C
		Chembong	1	85	81	II	C
		Kundur Besar	1	85	84	II	C
		Rembau	2	84	88	II	C
		Siput	2	86	84	II	C
MELAKA	Melaka	Btg.Melaka	2	86	82	II	C
		Durian Tunggal	1	85	83	II	C
		Kemunting	1	81	88	II	C
		Keru	1	88	88	II	C
		Tampin	3	84	87	II	C
	Kesang	Chohong	2	90	92	II	C
		Kesang	3	83	86	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
MELAKA	Duyong	Gapam	1	93	92	II	C
JOHOR/ N.SEMBLAN	Muar	Air Panas	1	92	94	I	C
		Juasseh	2	87	89	II	C
		Meda	1	86	83	II	C
		P. Menkuang	1	83	83	II	C
		Segamat	1	85	81	II	C
JOHOR	Batu Pahat	Batang	1	93	96	I	C
		Chaah	1	85	91	II	C
		Lenik	1	86	87	II	C
		Merek	1	87	88	II	C
	Benut	Ulu Benut	1	79	83	II	C
	Endau	Ank Sg.	1	84	83	II	C
		Semberong					
		Endau	3	87	90	II	C
		Jasin	1	94	96	I	C
		Kahang	1	85	87	II	C
		Lenggor	1	82	84	II	C
		Mamai	1	84	86	II	C
		Paloh	1	85	86	II	C
		Selai	1	90	94	I	C
		Semberong	5	84	83	II	C
		Singol	1	86	84	II	C
		Tamok	1	88	92	II	C
	Johor	Anak Sg.	2	85	83	II	C
		Sayong					
		Belitong	1	87	89	II	C
		Bukit Besar	2	88	87	II	C
		Chemangar	1	79	82	II	C
		Johor	4	85	85	II	C
		Layang	1	90	92	II	C
		Layau Kiri	1	90	87	II	C
		Linggiu	1	88	90	II	C
		Panti	1	86	83	II	C
		Papan	1	87	89	II	C
		Pelepah	2	91	93	I	C
		Penggeli	2	88	91	II	C
		Remis	1	85	86	II	C
		Santi	1	82	83	II	C
		Sayong	4	85	88	II	C
		Seluyut	1	85	82	II	C
		Semangar	1	88	88	II	C
		Sening	1	79	91	II	C
		Telor	1	87	92	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
JOHOR	Johor	Temoh	1	89	91	II	C
	Sedili Besar	Ambat	1	84	87	II	C
		Dohol	1	87	86	II	C
		Sedili Besar	5	81	83	II	C
		Temubor Kanan	1	87	89	II	C
	Sedili Kecil	Anak Sedili Kecil	1	78	81	II	C
		Bahan	2	82	85	II	C
		Sedili Kecil	3	81	84	II	C
	Paloi	Paloi	1	87	86	II	C
	Mersing	Mersing	2	87	87	II	C
PAHANG	Anak Endau	Anak Endau	2	87	84	II	C
	Rompin	Aur	1	89	89	II	C
		Jekatih	2	87	85	II	C
		Jeram	1	91	92	II	C
		Kepasing	1	88	89	II	C
		Keratong	3	86	82	II	C
		Pontian	1	90	90	II	C
		Pukin	3	88	87	II	C
		Rompin	4	85	84	II	C
	Merchong	Merchong	2	86	84	II	C
	Pahang	Belayar	1	92	92	II	C
		Bentong	4	89	90	II	C
		Benus	2	92	93	I	C
		Bera	3	85	83	II	C
		Berkapor	1	89	91	II	C
		Bertam	3	81	82	II	C
		Bilut	1	87	87	II	C
		Burung	1	93	96	I	C
		Chini	1	85	82	II	C
		Habu	1	89	92	II	C
		Jelai	2	87	88	II	C
		Jempol	2	87	91	II	C
		Jengka	2	84	83	II	C
		Kelau	2	88	90	II	C
		Kertam	1	84	88	II	C
		Koyan	1	89	89	II	C
		Lenggok	1	90	88	II	C
		Lepar	3	86	88	II	C
		Lipis	3	89	90	II	C
		Luit	1	89	90	II	C
		Maran	1	81	89	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
PAHANG	Pahang	Mentiga	2	86	86	II	C
		Pahang	8	85	87	II	C
		Penjuring	1	93	94	I	C
		Pertang	2	86	83	II	C
		Perting	1	93	92	II	C
		Ringlet	1	85	82	II	C
		Semantan	3	83	85	II	C
		T. Paya Bungor	1	87	91	II	C
		Tahan	1	91	88	II	C
		Tanglir	1	89	92	II	C
		Tasik bera	1	87	84	II	C
		Tasik chini	10	86	90	II	C
		Tekal	1	83	83	II	C
		Tekam	2	84	86	II	C
		Telang	1	90	88	II	C
		Telemong	1	91	94	I	C
		Telom	2	88	91	II	C
		Tembeling	1	91	91	II	C
		Teranum	1	85	93	I	C
		Teras	1	88	91	II	C
		Terla	1	93	95	I	C
		Triang	2	86	87	II	C
		Tringkap	1	85	85	II	C
	Kuantan	Belat	1	85	84	II	C
		Charu	1	88	88	II	C
		Kenau	1	90	93	I	C
		Kuantan	5	87	89	II	C
		Pandan	1	87	88	II	C
	Bebar	Merba	1	82	81	II	C
TERENGGANU	Chukai	Chukai	1	88	86	II	C
		lbok	2	85	87	II	C
	Kemaman	Cherul	2	84	89	II	C
		Kemaman	3	85	88	II	C
		Perasing	1	85	87	II	C
	Kertih	Kertih	2	85	86	II	C
	Paka	Besul	1	87	90	II	C
		Paka	2	83	81	II	C
		Rasau	2	87	84	II	C
	Dungun	Dungun	4	88	87	II	C
		Telembuh	1	85	84	II	C
	Marang	Kerak	1	82	85	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
TERENGGANU	Marang	Marang	1	86	88	II	C
		Temala	1	89	88	II	C
	Terengganu	Berang	2	92	94	I	C
		Pueh	2	90	91	II	C
		Telemong	1	87	87	II	C
		Terengganu	3	86	85	II	C
	Setiu	Chalok	2	71	87	II	C
		Setiu	2	85	91	II	C
		Tarom	1	90	82	II	C
	Besut	Besut	3	91	90	II	C
	Kluang	Kluang	1	87	85	II	C
KELANTAN	Kemasin	Semerak	3	85	83	II	C
		Aring	1	85	90	II	C
		Belatop	2	80	82	II	C
		Ber	1	92	93	I	C
		Berok	3	85	89	II	C
		Betis	1	90	94	I	C
		Chiku	1	89	83	II	C
		Galas	5	87	90	II	C
		Kelantan	3	85	85	II	C
		Kelesa	1	88	91	II	C
		Kerilla	2	93	95	I	C
		Ketil	1	86	93	I	C
		Lebir	4	86	88	II	C
		Nal	3	90	89	II	C
		Nenggiri	3	85	90	II	C
		Pehi	1	87	88	II	C
		Pergau	6	91	93	I	C
		Relai	2	86	92	II	C
		Sokor	1	86	86	II	C
		Tuang	1	89	94	I	C
	Golok	Golok	5	89	91	II	C
		Lanas	1	92	89	II	C
	Pengkalan Datu	Pengkalan Datu	3	79	83	II	C
						II	C
SARAWAK	Sarawak	Kuap	2	81	82	II	C
		Sarawak	6	86	85	II	C
		Sarawak Kanan	1	78	86	I	C
		Semadang	1	90	96	II	C
		Tabuan	1	68	81	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
Water Quality Status of Clean Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESSEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
SARAWAK	Similajau	Similajau	2	84	86	II	C
	Limbang	Limbang	5	81	87	II	C
	Trusan	Trusan	1	88	87	II	C
	Lawas	Lawas	3	90	86	II	C
	Lupar	Ai Sekerang Seterap Undup	2	87	91	II	C
			1	79	89	II	C
			1	77	82	II	C
			1	85	82	II	C
	Rajang	Baloi Binatang Julau Kanowit	1	81	81	II	C
			1	89	88	II	C
			1	87	86	II	C
			1	86	86	II	C
	Oya	Oya	3	78	83	II	C
	Tatau	Tatau	1	79	83	II	C
	Sadong	Tarat	1	88	88	II	C
	Sibuti	Kejapil	1	84	83	II	C
	Miri	Padang liku	1	87	87	II	C
SABAH	Likas	Inanam Menggatal	3	84	83	II	C
			2	91	87	II	C
	Kinabatangan	Karamuak Koyah	1	85	92	II	C
			1	84	84	II	C
	Kalumpang	Kalumpang	3	88	85	II	C
	Menggalong	Menggalong	2	90	89	II	C
	Lakutan	Lakutan	1	91	90	II	C
	Lingkungan	Bukau Lingkungan	1	89	88	II	C
			1	93	91	I	C
	Padas	Bunsit Liawan Pangatan Pegalan Tandulu	1	91	96	I	C
			1	90	96	II	C
			1	85	88	II	C
			3	87	89	I	C
			1	92	96	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
SABAH	Membakut	Membakut	1	86	83	II	C
	Kimanis	Kimanis	1	86	86	II	C
	Bongawan	Bongawan	1	86	85	II	C
	Papar	Papar	3	89	90	II	C
	Moyog	Moyog	4	91	91	II	C
	Tuaran	Damit Song sai Tuaran	2	85	90	II	C
			1	88	92	II	C
			2	91	92	I	C
	Kedamaian	Kedamaian Tempasuk Wariu	1	93	95	II	C
			2	92	92	I	C
			1	92	94	II	C
	Tenghilan	Tenghilan	1	90	91	I	C
	Bingkongan	Bandau Bingkongan Menggaris Tandek	1	92	94	I	C
			2	92	93	II	C
			2	92	92	II	C
			1	88	88	II	C
	Bengkoka	Bengkoka	2	84	89	II	C
	Paitan	Paitan	1	87	88	I	C
	Sugut	Bongkud Lohan Merali Sugut	1	93	96	I	C
			1	91	94	I	C
			1	93	95	II	C
			3	91	92	II	C
	Labok	Kinipir Labok Liwagu Maliau Tungud	2	89	91	II	C
			1	86	90	II	C
			2	87	88	I	C
			1	93	95	II	C
			1	88	89	II	C
	Sapi	Sapi Sualong	3	81	82	II	C
			1	92	92	II	C
	Mounad	Mounad	2	83	86	II	C
	Tungku	Tungku	2	88	85	II	C
	Silabukan	Silabukan	2	81	85	II	C

3 (a) : Status Kualiti Air Sungai-Sungai Yang Bersih, 2009 /
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NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
SABAH	Tingkayu	Tingkayu	2	84	83	II	C
	Tawau	Tawau	4	88	86	II	C
	Apas	Apas	1	86	89	II	C
	Balung	Balung	1	87	86	II	C
	Merotai	Merotai	3	88	87	II	C
	Brantian	Brantian	1	84	86	II	C
	Telipok	Telipok	2	80	82	II	C

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
Water Quality Status of Slightly Polluted Rivers, 2009

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS/ CLASS	KATEGORI/ CATEGORY
PERLIS	Perlis	Kok Mak Ngulang Perlis Serai	1	73	70	III	SP
			1	76	75	III	SP
			1	71	72	III	SP
			1	78	75	III	SP
KEDAH	Kedah	Kedah Pendang	1	71	65	III	SP
			1	78	80	II	SP
	Kuah	Kuah	1	82	73	III	SP
			1	69	68	III	SP
			1	67	75	III	SP
KEDAH/ P.PINANG	Muda	Jerung	2	72	74	III	SP
			1	59	64	III	SP
	Pinang	Air Itam Pinang	5	61	64	III	SP
			1	61	64	III	SP
	Juru	Juru Kilang Ubi Pasir Pmtg Rawa	2	53	60	III	SP
			5	69	70	III	SP
			1	60	63	III	SP
			1	62	69	III	SP
	Kluang	Kluang Relau	1	62	65	III	SP
			1	66	73	III	SP
	Perai	Jarak Keladi Kubang Semang Perai Pertama Seluang Bawah	5	72	74	III	SP
			1	78	80	II	SP
			1	62	63	III	SP
			2	65	65	III	SP
			1	57	61	III	SP
	Bayan lepas	Bayan Lepas Tiram	2	57	60	III	SP
			1	61	69	III	SP
	Jawi	Junjong Machang Bubok	3	73	69	III	SP
			1	77	76	III	SP
PPINANG/ PERAK	Kerian	Selama Serdang	2	72	74	III	SP
			1	69	71	III	SP
PERAK	Raja hitam	Derhaka Raja Hitam	2	64	66	III	SP
			3	72	73	III	SP
	Kurau	Kurau	4	79	80	II	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
Water Quality Status of Slightly Polluted Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI/ CATEGORY
PERAK	Sepetang	Larut Malai Sepetang	1	75	79	II	SP
			1	67	60	III	SP
			2	77	77	II	SP
	Wangi	Deralik Wangi	2	69	62	III	SP
			2	77	70	III	SP
	Perak	Chenderiang Kepayang Kerdah Kinta Klah Klian Baru Nyamok Pari Pinji Serokai Sintang Sungkai Mati Tumboh	2	84	79	II	SP
			2	67	73	III	SP
			2	74	70	III	SP
			8	77	76	III	SP
			2	85	79	II	SP
			2	76	74	III	SP
			1	72	73	III	SP
			2	71	70	III	SP
			2	69	70	III	SP
			2	64	71	III	SP
			1	61	70	III	SP
			2	81	61	III	SP
			1	74	72	III	SP
PERAK / SELANGOR	Bernam	Bernam	7	81	78	II	SP
SELANGOR	Langat	Anak Chuau Balak Batang Benar Batang Labu Beranang Buan Jijan Langat Limau Manis Pajam Rinching Semenyih	1	78	75	III	SP
			1	61	62	III	SP
			2	66	69	III	SP
			2	78	72	III	SP
			1	84	78	II	SP
			1	77	76	III	SP
			1	87	77	II	SP
			8	73	71	III	SP
			1	67	71	III	SP
			1	77	72	III	SP
			1	74	60	III	SP
			3	82	77	II	SP
	Sepang	Sepang	3	76	75	III	SP
	Tengi	Tengi	3	80	77	II	SP
	Selangor	Air Hitam Rawang Sembah	1	75	68	III	SP
			1	78	72	III	SP
			1	78	68	III	SP
SELANGOR/ WPKL	Klang	Ampang Batu Klang Kuyoh	1	64	69	III	SP
			3	72	71	III	SP
			10	63	60	III	SP
			1	64	63	III	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI/ CATEGORY
N.SEMBILAN	Lukut	Lukut	1	77	72	III	SP
	Linggi	Kayu Ara	1	72	68	III	SP
		Kepayang	1	77	78	II	SP
		Linggi	6	75	75	III	SP
		Paroi	1	75	78	II	SP
		Pedas	1	82	79	II	SP
		Senawang	1	65	67	III	SP
		Simin	1	77	73	III	SP
		Simpang Empat	1	81	78	II	SP
		Temiang	2	67	68	III	SP
MELAKA	Tuang	Baru	1	71	69	III	SP
	Seri melaka	Seri Melaka	1	68	67	III	SP
	Melaka	Melaka	9	70	70	III	SP
		Putat	2	61	60	III	SP
		Rembia	2	70	70	III	SP
	Kesang	Tangkak	1	66	63	III	SP
	Duyong	Duyong	3	77	78	II	SP
JOHOR/ N.SEMBILAN	Muar	Gemas	1	85	78	II	SP
		Gemencheh	2	82	79	II	SP
		Labis	3	81	80	II	SP
		Merbudu	1	78	74	III	SP
		Merlimau	1	75	66	III	SP
		Muar	17	83	79	II	SP
		Palong	2	81	79	II	SP
		Senarut	1	76	66	III	SP
		Serom	1	74	70	III	SP
		Spg. Loi	1	76	77	II	SP
		Tenang	1	80	68	III	SP
JOHOR	Batu Pahat	Amran	1	79	68	III	SP
		Batu Pahat	1	65	60	III	SP
		Bekok	5	82	80	II	SP
		Berlian	1	75	69	III	SP
		Merpo	1	83	74	III	SP
		Semberong	2	72	64	III	SP
		Simpang Kiri	3	70	66	III	SP
	Rambah	Rambah	2	58	63	III	SP
	Benut	Benut	4	77	76	III	SP
		Parit Hj. Yassin	1	85	80	II	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
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Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
JOHOR	Benut	Pinggan	1	71	65	III	SP
	Pontian Besar	Air Hitam Pontian Besar	1 5	70 70	71 67	III III	SP SP
	Pontian Kecil	Pontian Kecil	2	78	75	III	SP
	Skudai	Melana Skudai	2 9	65 70	64 64	III III	SP SP
	Sanglang	Sanglang	1	61	61	III	SP
	Pulai	Pulai Ulu Choh	2 1	80 68	79 67	II III	SP SP
	Kim-kim	Kim-Kim	2	67	75	III	SP
	Jemaluang	Jemaluang	2	83	80	II	SP
	Endau	Dengar Jebong Melatai Mengkibol Pamol	1 1 1 3 1	73 76 62 74 69	63 72 61 71 70	III III III III III	SP SP SP SP SP
	Tebrau	Tebrau	5	73	69	III	SP
	Johor	Berangan Lebam Sebol Semenchu Tiram	1 1 1 1 4	68 81 86 81 80	63 75 78 74 74	III III II III III	SP SP SP SP SP
	Sedili Besar	Mupur Pasir Panjang	1 1	68 74	75 76	III III	SP SP
PAHANG	Bebar	Bebar Serai	2 2	82 78	75 72	III III	SP SP
	Balok	Balok Panjang Yior	2 1 1	73 78 71	76 74 65	III III III	SP SP SP
	Cherating	Cherating	1	80	80	II	SP
	Tonggok	Tonggok	2	79	77	II	SP
	Rompin	Bakar	1	78	72	III	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
Water Quality Status of Slightly Polluted Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
PAHANG	Pahang	Anak Sg. Lepar Batu Kundang Serting	1	76	68	III	SP
			1	73	68	III	SP
			1	78	76	III	SP
			5	81	75	III	SP
	Kuantan	Galing Besar Galing Kecil Pinang Reman Riau Talam	1	46	60	III	SP
			1	59	69	III	SP
			1	81	80	II	SP
			1	66	73	III	SP
			1	77	74	III	SP
			1	81	72	III	SP
TERENGGANU	Kemaman	Neram	1	63	77	II	SP
	Paka	Rengat	1	75	80	II	SP
	Terengganu	Nerus	4	77	66	III	SP
	Besut	Jertih	1	86	73	III	SP
	Chukai	Bungkus Ruang	1	81	77	II	SP
			2	69	70	III	SP
	Ibai	Ibai	3	78	75	III	SP
	Merchang	Landas Merchang	1	51	67	III	SP
			1	71	73	III	SP
	Merang	Merang	1	71	69	III	SP
KELANTAN	Kemasin	Kemasin	2	81	80	II	SP
	Golok	Tasik Garu	1	75	78	II	SP
	Pengkalen Chepa	Alor B Keladi Pengkalen Chepa Raja Gali	1	61	65	III	SP
			1	82	76	III	SP
			2	77	78	II	SP
			1	73	78	II	SP
SARAWAK	Kayan	Kayan	3	82	76	III	SP
	Semunsam	Semunsam	1	86	80	II	SP
	Balingian	Balingian	2	81	80	II	SP
	Niah	Niah Sekaloh	2	82	80	II	SP
			2	79	70	III	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
Water Quality Status of Slightly Polluted Rivers, 2009

Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
SARAWAK	Sadong	Karangan Sadong	2	72	61	III	SP
			4	79	71	III	SP
	Saribas	Layar Saribas	2	82	79	II	SP
			1	70	73	III	SP
	Kerian	Kerian Seblak	2	78	71	III	SP
			1	79	77	II	SP
	Mukah	Mukah	4	77	75	III	SP
	Kemena	Kemena Sibiu	4	78	77	II	SP
			1	81	73	III	SP
	Suai	Suai	1	79	78	II	SP
	Sibuti	Kabuloh Satap Sibuti	2	68	64	III	SP
			1	80	79	II	SP
			2	81	79	II	SP
	Miri	Dalam Lutong Miri	1	72	60	III	SP
			2	67	70	III	SP
			2	57	65	III	SP
	Baram	Baram Tutuh	4	79	77	II	SP
			1	77	80	II	SP
	Sarawak	Kelantan Maong Kiri Samarahan Sarawak Kiri Semenggoh	1	63	66	III	SP
			1	65	71	III	SP
			2	78	75	III	SP
			1	86	79	II	SP
			1	75	78	II	SP
	Lupar	Lupar	3	75	73	III	SP
	Rajang	Meradong Rajang Salim Sarikei	1	74	80	II	SP
			11	78	79	II	SP
			1	73	80	II	SP
			2	82	80	II	SP
SABAH	Padas	Padas	3	84	77	II	SP
	Segama	Segama	3	85	80	II	SP
	Umas-umas	Umas-Umas	1	82	77	II	SP
	Kalabakan	Kalabakan	3	82	75	III	SP

3 (b) : Status Kualiti Air Sungai-Sungai Yang Sedikit Tercemar, 2009 /
Water Quality Status of Slightly Polluted Rivers, 2009

NEGERI / STATE	LEMBANGAN SUNGAI/ RIVER BASIN	SUNGAI / RIVER	NO. STESEN/ NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS/ CLASS	KATEGORI/ CATEGORY
SABAH	Sembulan	Sembulan	2	67	68	III	SP
	Likas	Darau Likas	1	75	75	III	SP
			2	63	65	III	SP
	Segaliud	Segaliud	2	79	78	II	SP
	Kinabatangan	Kinabatangan	4	78	78	II	SP
		Leepang	1	80	76	III	SP
		Menanggul	1	76	72	III	SP
		Pin	1	79	78	II	SP
		Takala	1	72	77	II	SP
	Kalumpang	Pang Burong 2	1	64	63	III	SP

3 (c) : Status Kualiti Air Sungai Tercemar, 2009 /
Water Quality Status of Polluted Rivers, 2009

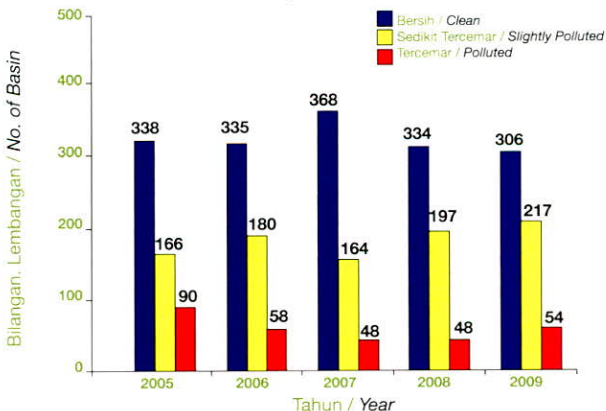
Samb. / cont.

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
KEDAH	Merbok	Korok Petani	1 1	57 53	45 58	IV III	P P
PPINANG	Pinang	Dondang Jelutong	3 1	49 38	51 39	IV IV	P P
	Juru	Ara Rambai	1 2	58 55	49 53	IV III	P P
	Perai	Air Melintas Kereh Seluang	1 2 1	40 50 54	50 57 56	IV III III	P P P
PPINANG	Jawi	Chempedak Jawi Tengah	1 1 1	43 57 46	44 52 36	IV III IV	P P P
PERAK	Perak	Seluang	1	59	52	III	P
	Sepetang	Lidin	1	69	58	III	P
SELANGOR	Langat	Batang Nilai	2	54	53	III	P
	Sepang	Rambai	1	62	54	III	P
	Selangor	Kundang	1	72	57	III	P
	Buloh	Buloh	5	67	58	III	P
SELANGOR/ WPKL	Klang	Bunos	1	55	47	IV	P
		Damansara	3	64	59	III	P
		Jinjang	2	52	58	III	P
		Kerayong	2	51	48	IV	P
		Keroh	2	51	50	IV	P
		Penchala	1	46	42	IV	P
MELAKA	Tuang	Tuang	1	48	38	IV	P
	Seri Melaka	Air Salak	1	66	58	III	P
	Kesang	Chin-Chin	1	55	54	III	P
	Merlimau	Merlimau	4	60	54	III	P
JOHOR/ N.SEMBILAN	Muar	Kelamah Sarang Buaya	1 1	64 67	55 53	III III	P P

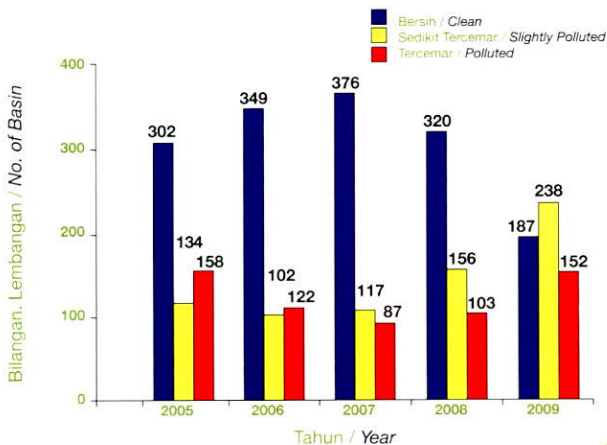
3 (c) : Status Kualiti Air Sungai Tercemar, 2009 /
Water Quality Status of Polluted Rivers, 2009

NEGERI / STATE	LEMBANGAN SUNGAI / RIVER BASIN	SUNGAI / RIVER	NO. STESSEN / NO. OF STATIONS	WQI		SUNGAI / RIVER (2009)	
				2008	2009	KELAS / CLASS	KATEGORI / CATEGORY
JOHOR	Batu Pahat	Simpang Kanan	2	66	58	III	P
	Pontian Besar	Ayer Merah	1	42	35	IV	P
	Endau	Lenga	1	63	56	III	P
	Johor	Serai	1	59	57	III	P
	Air Baloi	Air Baloi	3	51	48	IV	P
	Segget	Segget	5	52	50	IV	P
	Tebrau	Bala	1	54	56	III	P
		Pandan	1	50	51	IV	P
		Plentong	1	47	42	IV	P
		Sebulung	1	48	44	IV	P
		Sengkuang	1	49	31	IV	P
		Tampoi	1	47	41	IV	P
	Danga	Danga	2	52	52	III	P
	Kaw. Pasir Gudang	Buluh	1	33	36	IV	P
		Lato	1	53	57	III	P
		Masai	1	56	57	III	P
		Perembi	1	52	46	IV	P
		Tukang Batu	1	26	36	IV	P
	Kempas	Kempas	2	63	57	III	P
PAHANG	Rompin	Sepayang	1	68	56	III	P
TERENGGANU	Kemaman	Ransan	2	75	58	III	P
KELANTAN	Pengkalan Chepa	Alor Lintah	1	58	55	III	P
SARAWAK	Miri	Adong	1	53	56	III	P
SABAH	Kalumpang	Pang Burong 1	1	66	49	IV	P

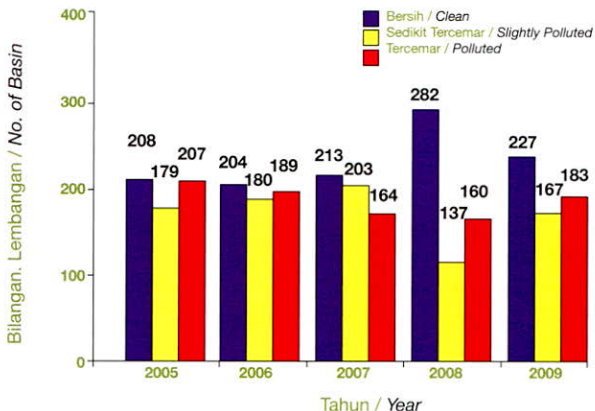
3 (d) : Kecenderungan Kualiti Air Sungai (2005 - 2009) /
River Water Quality Trend (2005 - 2009)



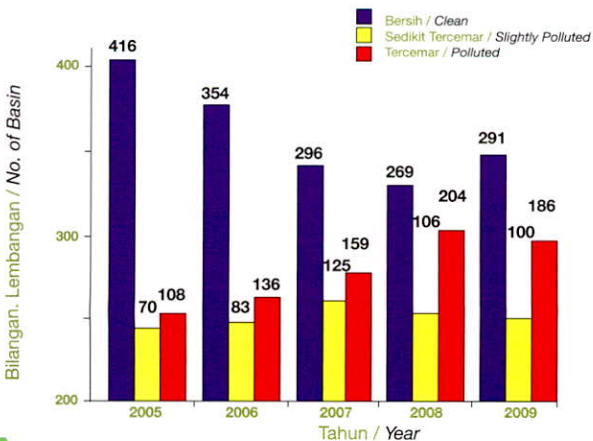
3 (e) : Kecenderungan Kualiti Air Sungai Berdasarkan BOD Sub-Indeks (2005 - 2009) / River Water Quality Trend based on BOD Sub-Index (2005 - 2009)



3 (f) : Kecenderungan Kualiti Air Sungai Berdasarkan AN Sub-Indeks (2005 - 2009) / River Water Quality Trend based on AN Sub-Index (2005 - 2009)



3 (g) : Kecenderungan Kualiti Air Sungai Berdasarkan SS Sub-Indeks (2005 - 2009) / River Water Quality Trend based on SS Sub-Index (2005 - 2009)



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

**4 (a) : Parameter Kualiti Air Marin, 2009 /
Marine Water Quality Parameters, 2009**

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

4 (b) : Parameter Melembini Standards Status Kualiti Air Marin di Pantai (%), 2009 /
Status of Marine Water Quality Parameters Exceeding Standards for coastal (%), 2009

Negeri / State	Bil. Stesen / No. of Station	Bil. Sampai / No. of Sample	Jumlah Pepejal / Total Suspended Solids	Minyak & Gris / Oil and Grease	E.coli	Arsenik / Arsenic	Cadmium / Cadmium	Kromium / Chromium	Kuprum / Copper	Plumbum / Lead	Merkuri / Mercury
Perlis	7	42	10	81	43	0	0	0	0	0	33
Pulau Langkawi											
Kedah	1	5	75	75	40	0	0	25	0	0	100
Pulau Pinang	15	105	31	61	88	0	0	6	1	0	75
Perak	7	42	51	69	20	0	54	60	100	66	NA
Selangor	4	30	83	100	91	9	0	0	26	39	17
N.Sembilan	11	66	52	95	75	2	0	0	5	27	25
Melaka	7	39	48	0	80	0	0	0	44	24	0
Johor	39	122	24	54	49	0	1	5	78	10	15
Pahang	11	80	92	39	21	0	3	0	0	23	5
Terengganu	7	28	25	61	29	0	32	68	61	82	NA
Kelantan	5	20	75	75	25	0	95	45	60	75	29
W.P. Labuan	5	21	0	0	46	0	0	0	62	15	0
Sabah	24	100	6	0	6	0	16	6	68	29	0
Sarawak	15	38	89	0	27	3	14	3	46	3	24
(Jumlah) / (Total)	158	738	TSS	O&G	E.coli	As	Cd	Cr	Cu	Pb	Hg
Purata (%) / Average (%)	-	-	47.2	50.7	45.7	1.0	15.4	15.6	39.3	28.1	26.9

Nota / Note : NA = Tidak tersedia / Not Available

4 (c) : Taburan Loji Rawatan Kumbahan Mengikut Negeri, 2009/
Distribution of Sewage Treatment Plants by States, 2009

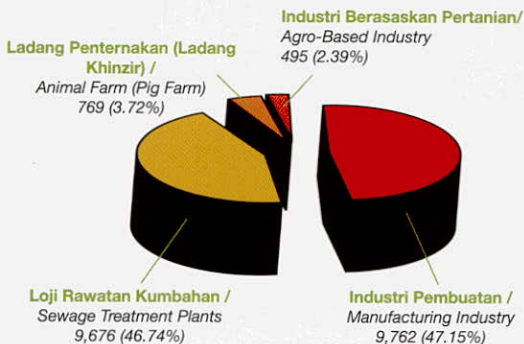
Negeri / State	Bilangan Loji/ No. of Plant
Selangor	2,764
Perak	1,461
Johor	1,089
Negeri Sembilan	949
Kedah	838
Melaka	782
Pulau Pinang	645
Pahang	531
W.P. Kuala Lumpur	300
Terengganu	229
Perlis	48
W.P. Labuan	31
W.P. Putrajaya	9
Jumlah / Total	9,676

Sumber / Source : IWK Sdn. Bhd.

4 (d) : Taburan Bilangan Punca Pencemaran Air (Industri Berasaskan
 Pembuatan dan Pertanian) Mengikut Negeri, 2009 /
*Distribution of Industrial Water Pollution Sources (Agro-based and
 Manufacturing Industries) by State, 2009*

Negeri / State	Bilangan Punca / No. of Sources
Selangor	2,233
Perak	125
Johor	4,917
N.Sembilan	164
Kedah	117
Melaka	104
Pulau Pinang	1,094
Pahang	188
W.P. Kuala Lumpur	289
Terengganu	146
Kelantan	25
Perlis	11
W.P. Labuan	100
Sarawak	351
Sabah	447
Jumlah / Total	10,311

4 (e) : Komposisi Punca Pencemaran Air Mengikut Sektor, 2009/
Composition of Water Pollution Sources by Sector, 2009



4 (f) : Kejadian Pencemaran Minyak, 2009 /
Oil Pollution Incidents, 2009

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 (EEZ) / Exclusive Economic Zone		0
Laut Sulu/ Sulu Sea	Perairan Malaysia/ Malaysia Territory	Sabah	1
Selat Melaka/ Straits of Malacca	Perairan Malaysia/ Malaysia Territory		2
	Zon Ekonomi Eksklusif (EEZ)/ Exclusive Economic Zone		0
Selat Johor / Straits of Johor	Perairan Malaysia/ Malaysia Territory	Bahagian Barat/ West Part	0
		Bahagian Timur/ East Part	12
Jumlah / Total			21

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

5 (a) : Taburan Telaga-Telaga Pemantauan Air Bawah Tanah, 2009
Distribution of Groundwater Monitoring Wells, 2009

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

SEKSYEN 6 / SECTION 6: BAHAN BERBAHAYA / SCHEDULED WASTES

6 (a) : Status Permohonan Kebenaran Bertulis (KB) Bagi JAS Negeri Kemudahan Pengolahan Dan Pelupusan Buangan Berjadual, 2009 / Written Permission (KB) for Scheduled Waste Treatment And Disposal Facilities, 2009

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 Incinerator	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3
2	Kemudahan Pemeroletan Kembali / Off Site Recovery Facilities																
	a. Pemeroletan Kembali Penuh bukan e-Waste / Full Off Site Recovery none e-Waste	1	-	-	-	-	-	3	1	15	-	1	7	1	-	-	29
	b. Pemeroletan Kembali Penuh e-Waste / Full Off Site Recovery e-Waste	-	4	-	-	-	-	-	6	-	-	-	2	-	-	-	12
	c. Pemeroletan Kembali Separa e-Waste / Half Off Site Recovery e-Waste	1	2	-	3	-	-	2	37	-	-	-	4	-	1	-	50
3	Kemudahan Penstoran Luar Tapak / Off Site Storage Facilities	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2
4	Kemudahan Pengolahan Luar Tapak / Off Site Treatment Facilities																
	a. Loji Rawatan Fizikal/kimia / Chemical / Physical Treatment Plant	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	28
	b. Loji Solidifikasi / Solidification plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c. Loji Rawatan Air Resapan / Diffusion Water Treatment Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Kemudahan Pengolahan Di Tanah / Land Treatment Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Tapak Pelupusan Selamat / Secured Landfill	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
7	Bili. Kebenaran Bertulis / No. of Written Permission	2	34	-	3	-	-	5	1	61	-	4	13	1	1	-	125

Nota / Note:

JHR	- JOHOR	PRK	- PERAK	SLG	- SELANGOR
KOH	- KEDAH	PRS	- PERLIS	SRK	- SARAWAK
KLN	- KELANTAN	PP	- PULAU PINANG	TRG	- TERENGGANU
MLK	- MELAKA	PHG	- PAHANG	WP (KL)	- WILAYAH PERSEKUTUAN KUALA LUMPUR
N.S	- NEGERI SEMBILAN	SBH	- SABAH	WP (LAB)	- WILAYAH PERSEKUTUAN LABUAN

6 (b) : Lesen-LesenYang Dikeluarkan bagi Kemudahan Pengolahan Dan Pelupusan Buangan Terjadual, 2009 / Licensed Scheduled Waste Treatment And Disposal Facilities, 2009

Bil. / No.	Kemudahan / Facility	JHR	KDH	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	45	20	17	13	5	24	1	57	6	24	58	3	9	4	286
2	Penstoran Luar Tapak / Off Site Storage	-	-	-	1	-	-	-	-	-	11	-	-	-	2	14
3	Kemudahan Permerolehan Kembali / Off Site Recovery Facilities															
	a. Permerolehan Kembali Penuh bukan e-Waste / Full Off Site Recovery none e-Waste	27	5	1	8	7	23	1	15	-	5	28	3	-	-	123
	b. Permerolehan Kembali Penuh e-Waste / Full Off Site Recovery e-Waste	3	1	3	1	-	-	-	6	-	-	2	-	-	-	16
	c. Permerolehan Kembali Separa e-Waste / Half Off Site Recovery e-Waste	17	12	12	5	-	4	-	37	-	5	25	-	5	-	122
4	Insinerator Buangan Terjadual / Scheduled Waste Incinerator	6	1	1	3	1	2	-	3	5	10	5	4	-	1	42
5	Kemudahan Pengolahan Di Tanah / Landfarm Facility	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2
6	Kemudahan Pengolahan Luar Tapak / Off Site Treatment Facility	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
7	Tapak Pelupusan Selamat / Secured Landfill Facilities	-	1	-	2	-	-	-	-	-	1	-	1	-	-	5
8	Bil. Lesen / No. of Licence	98	40	34	35	13	53	2	118	11	57	118	11	14	8	612
9	Bil. Premis / No. of Premises	49	22	17	19	9	30	1	63	10	37	62	7	10	4	340

Nota / Note:

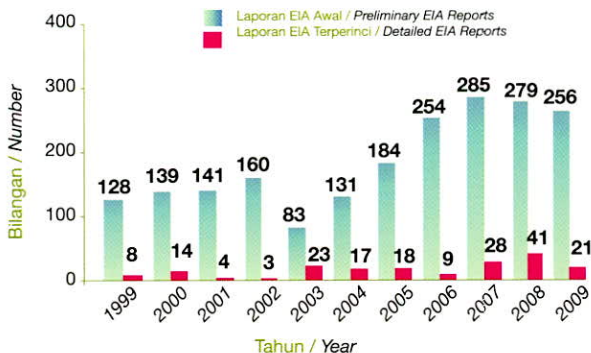
JHR	-	JOHOR	PRK	-	PERAK	SLG	-	SELANGOR
KDH	-	KEDAH	PRS	-	PERLIS	SRK	-	SARAWAK
KLN	-	KELANTAN	PP	-	PULAU PINANG	TRG	-	TERENGGANU
MLK	-	MELAKA	PHG	-	PAHANG	WP (KL)	-	WILAYAH PERSEKUTUAN KUALA LUMPUR
N.S	-	NEGERI SEMBILAN	SBH	-	SABAH	WP (LAB)	-	WILAYAH PERSEKUTUAN LABUAN

SEKSYEN 7 / SECTION 7 : PENGUATKUASAAN / ENFORCEMENT

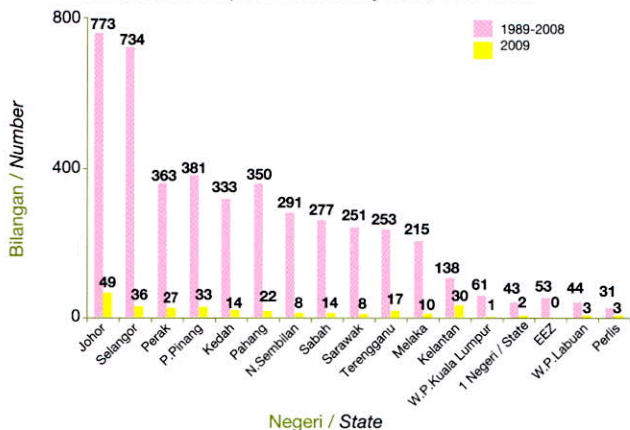
7 (a) : Bilangan Laporan EIA Yang Diterima Mengikut Tahun, 1999-2009 /
Number of EIA Reports Received by Year, 1999-2009



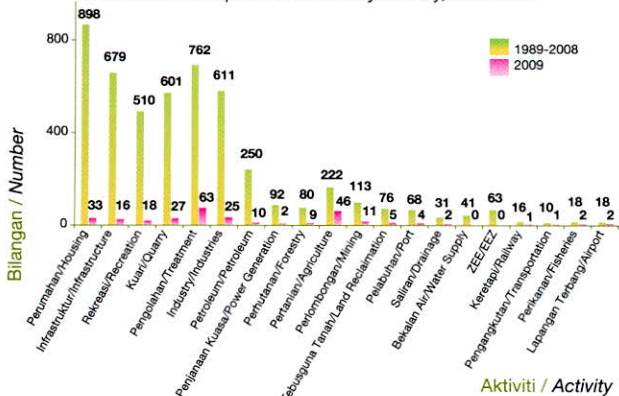
7 (b) : Bilangan Laporan EIA dan Jenis Laporan Diterima, 1999-2009 /
Number and Type of EIA Reports Received, 1999-2009



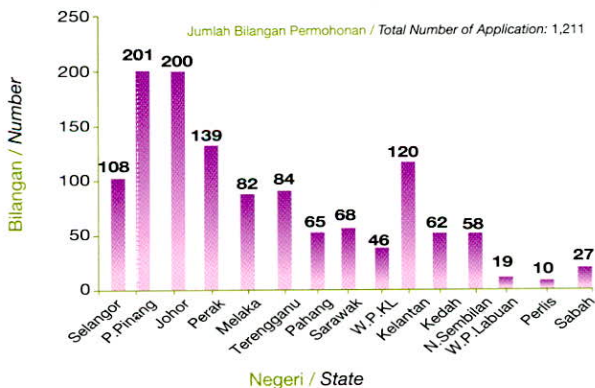
7 (c) : Bilangan Laporan EIA Yang Diterima Mengikut Negeri, 1989-2009/
Number of EIA Reports Received By State, 1989-2009



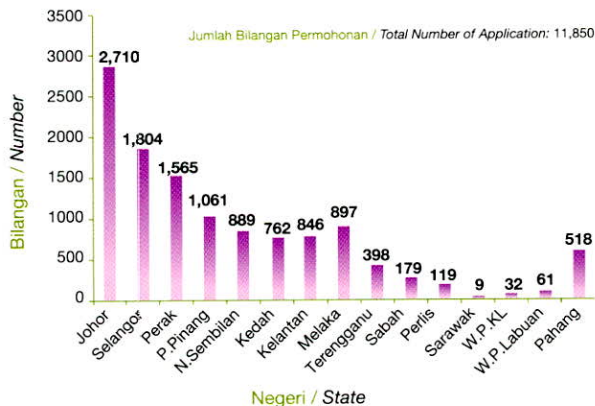
7 (d) : Bilangan Laporan EIA Yang Diterima Mengikut Aktiviti, 1989-2009/
Number of EIA Reports Received By Activity, 1989-2009



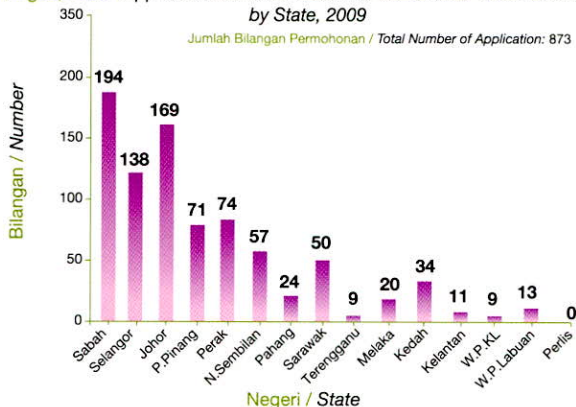
7 (e) : Siasatan Penguatkuasaan Projek EIA, 2009 /
Post EIA Enforcement Investigations, 2009



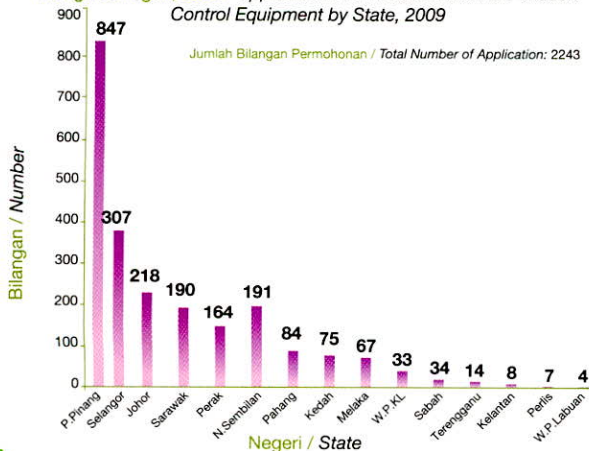
7 (f) : Penilaian Awal Tapak Untuk Projek Pembangunan Mengikut Negeri,
2009 / Pre-Siting Evaluation of Development Projects by State, 2009



7 (g) : Kebenaran Bertulis Untuk Pembinaan Loji Pengolahan Effluen Mengikut Negeri, 2009 / *Application for Construction of Wastewater Treatment Plants by State, 2009*



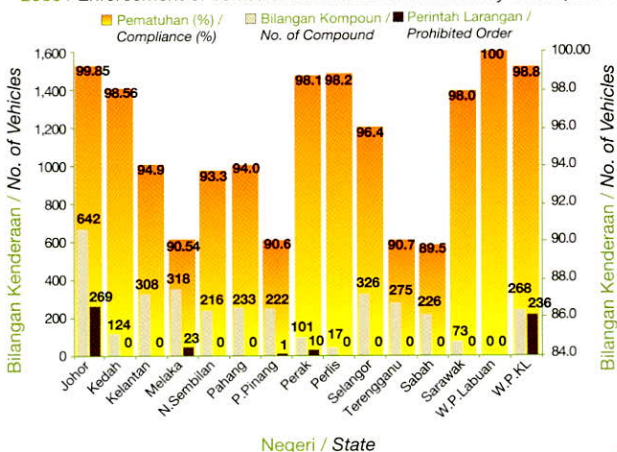
7 (h) : Permohonan Bagi Pemasangan Alat Kawalan Pencemaran Udara Mengikut Negeri, 2009 / *Applications for Installation of Air Pollution Control Equipment by State, 2009*



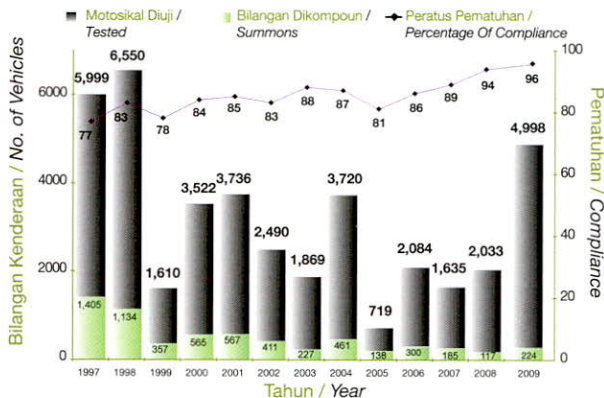
7 (i) : Permohonan Bagi Pemasangan Alat Pembakaran Bahan Api Mengikut Negeri, 2009 / Applications for Installation of Fuel Burning Equipment by State, 2009



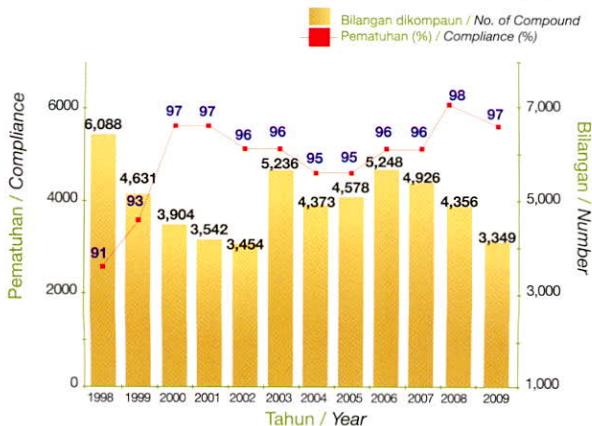
7 (j) : Penguatkuasaan Pelepasan Asap Hitam Kenderaan Mengikut Negeri, 2009 / Enforcement of Vehicular Black Smoke Emission by States, 2009



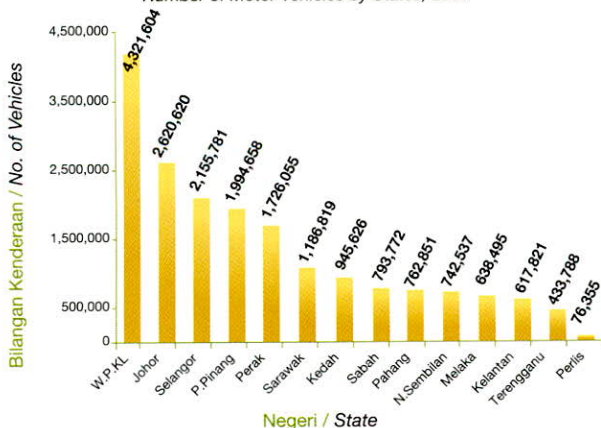
7 (k) : Penguatkuasaan Pelepasan Bunyi Bising Motosikal, 1997-2009 /
Enforcement of Motorcycle Noise Emission, 1997-2009



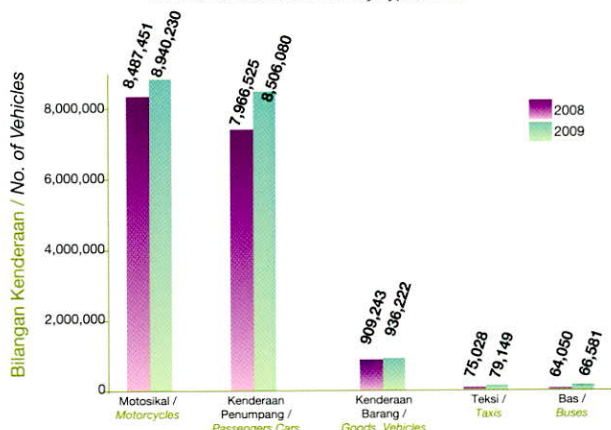
7 (l) : Penguatkuasaan Pelepasan Asap Hitam Mengikut Tahun, 2009 /
Enforcement of Vehicle Black Smoke Emission by Year, 2009



7 (m) : Bilangan Kenderaan Bermotor Mengikut Negeri, 2009 /
Number of Motor Vehicles by States, 2009

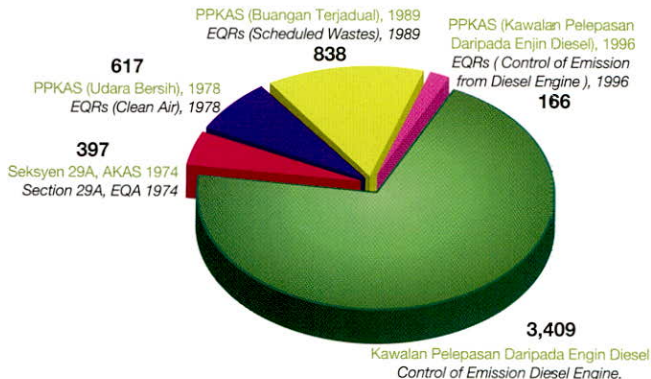


7 (n) : Bilangan Kenderaan Bermotor Mengikut Jenis, 2009 /
Number of Motor Vehicles by Type, 2009

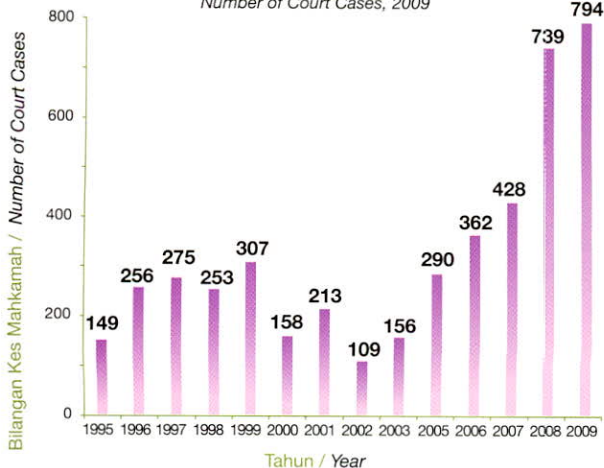


Jenis Kenderaan / Vehicle Type

7 (o) : Bilangan Kes Kompaun, 2009 /
Number of Compounds Cases, 2009



7 (p) : Bilangan Kes Mahkamah, 2009 /
Number of Court Cases, 2009



7 (a) : Bilangan Kes Pembakaran Terbuka Mengikut Negeri, 2009
Number of Open Burning Cases By State, 2009

Negeri / State	Ladang / Plantation	Pertanian / Agriculture	Belukar/ Bushes	Hutan / Forest	Tapak Pembinaan / Construction	Tapak Pelupusan / Disposal	Industri / Industry	Lain-lain / Others
Perlis	6	13	0	0	0	0	0	1
Kedah	7	65	9	2	31	19	15	34
P.Pinang	3	1	3	4	12	15	4	276
Perak	6	12	3	2	23	0	21	53
Selangor	21	74	118	45	55	67	10	166
W.P. KL	0	0	0	0	8	6	4	42
N.Sembilan	6	3	11	2	9	1	5	73
Melaka	3	1	0	0	4	0	1	2
Johor	54	25	37	23	12	15	17	26
Pahang	69	21	43	162	1	1	3	25
Terengganu	7	0	20	22	8	1	15	30
Kelantan	22	8	3	39	12	1	3	28
Sarawak	328	979	33	51	5	1	18	97
Sabah	12	95	19	43	6	8	18	20
W.P. Labuan	0	0	9	0	2	0	0	7
Jumlah / Total	544	1,297	310	395	188	135	134	880
Jumlah Keseluruhan / Total Amount: 3,883								

7 (r) : Bilangan Kes Pembakaran Terbuka Bulanan, 2009 /
Number of Open Burning Cases By Month, 2009

Negeri / State	Ladang / Plantation	Pertanian / Agriculture	Belukar / Bushes	Hutan / Forest	Tapak Pembinaan / Construction	Tapak Pelupusan / Disposal	Industri / Industry	Lain-lain / Others
					Sites	Sites		
Januari / January	42	48	17	20	28	17	16	107
Februari / February	36	82	46	40	25	9	20	79
Mac / March	23	38	13	10	17	6	15	65
April / April	54	60	10	26	19	9	6	65
Mei / May	35	58	11	20	9	2	6	54
Jun / June	49	86	58	43	24	10	8	95
Julai / July	30	176	54	58	14	15	13	103
Ogos / August	99	475	44	83	14	37	10	89
September / September	30	108	10	26	7	14	10	56
Oktober / October	106	110	30	61	17	12	21	79
November / November	24	33	8	4	7	1	5	37
Disember / December	16	23	9	4	7	3	4	51
Jumlah / Total	544	1,297	310	395	188	135	134	880
Jumlah Keseluruhan / Total Amount: 3,883								

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 2009 / Status 2009					
		Jumlah Premis (Inventori)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
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	3	0	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventori) Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Premis yg Disasarkan Utk Dilawat/ Total of Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises	P*				
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	3	1	1	2	1	0	100%

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

(14) = [(7)-(13))/(7)

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

PERLIS

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Efluen Perindustrian/ Industrial Effluent	16	16	46	15	1	(6) = (4)/(1)
ii	Pencemaran Udara/ Air Pollution	69	38	116	64	5	94%
iii	Premis Kumbahan/ Sewage Premises	178	49	122	178	0	93%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	160	115	292	145	15	100%
							91%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory)	Premis yg Disasarkan Untuk Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan / Total of Visits	Premis Yang Disasarkan Patuh/ Total of Complying Premises	Jumlah Lawatan/ Total of Visits	Pencapaian Satisfactory Achievement			
		(7)	(8)	(9)	(10)	(11)	Jun 2010/ 30 June 2010			
							P [*]	L [*]		$\frac{(14)}{[(7)-(13)](7)}$
i	Efluen Perindustrian/ Industrial Effluent	207	185	-	-	-	-	191	16	77.22%
ii	Pencemaran Udara/ Air Pollution	240	218	-	-	-	-	223	17	92.92%
iii	Premis Kumbahan/ Sewage Premises	183	95	-	-	-	-	179	4	97.81%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	217	195	-	-	-	-	200	17	92.17%

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

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

PERLIS

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	90	90	48	47
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	0	0	0
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	10	10	4	4
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	21 21	20 20	10 10	11 11

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	53		55	29

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

PERLIS

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	23	RM14,500	25	7 (RM2,600)	
		7	RM6,000	-	2 (RM1,000)	
2 i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	2	-	3	0	
		15	-	20	7	
ii.	Kes difailkan/ Filed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	0	-	3	0	
		11	-	20	2	
iii.	Kes selesai/ Completed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	0		3	0	
		3	1,300	0	0	

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

Bil/ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	21	20	2
2	Ceramah Umum/Public Lecture	10	2	5
3	Pameran/Exhibition	30	20	10
4	Seminar/ Taklimat/Seminar/Briefing	3	0	0
5	Kem Kesedaran Alam Sekitar (KekAS)/ Environmental Awareness Camp (KekAS)	4	0	0
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	1	0	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	7	10	4

PERLIS

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

BIL/ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	2	2	0
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	2	2	0
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	16	10	6
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	170	175	85
vi.	Lawatan Post EIA/Post EIA Visit	8	8	1
vii.	Rayuan Kompoun/Compound Appeal	0	25	18
viii.	Lesen/Licence	8	8	10

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

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuh/ Complying (4)	Tidak Patuh/ Non- Complying (5)	Peratus Pemuatan/ Percentage of Compliance (6) = (4)/(1)
i	Kilang Kelapa Sawit / Palm Oil Mills	6	6	36	6	0	100%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	11	11	34	10	1	90.91%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	24	24	46	24	0	100%

Bil./ No.	Aktiviti / Activities Premis Yang DiTetapkan/ Prescribed Premises	Sasaran target 2010 / Target 2010					Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pemuatan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) Total of Premises (Inventory) (7)	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 Premises Target (10)	P*	L*				
i	Kilang Kelapa Sawit / Palm Oil Mills	6	6	24	6	12	21	5	1	83.33%	
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	12	12	48	12	15	17	12	0	100%	
iii	Kemudahan Pengolahan Buangan Terjadual/ Scheduled Waste Treatment Facility	22	22	35	22	25	27	22	0	100%	

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

A1b : Pemeriksaan Puncu Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil/ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory) Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		(1)	(2)	(3)	(4)	(5)	(6) = (4)/(1)
i	Efluen Perindustrian/ Industrial Effluent	267	108	147	97	4	98.5%
ii	Pencemaran Udara/ Air Pollution	1,176	241	241	328	22	98.13%
iii	Premis Kumbahan/ Sewage Premises	1,016	149	146	146	0	100%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	613	267	267	257	39	93.64%

Bil/ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010										Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory) Total of Premises (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited	Jumlah Premis Yang Dilawat y9 Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	P* L*							
i	Efluen Perindustrian/ Industrial Effluent	2,815	433	-	-	-	-	-	-	-	-	2,815	0	100%
ii	Pencemaran Udara/ Air Pollution	3,415	552	-	-	-	-	-	-	-	-	3,411	4	99.88%
iii	Premis Kumbahan/ Sewage Premises	822	224	-	-	-	-	-	-	-	-	815	7	99.15%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	3,199	509	-	-	-	-	-	-	-	-	3,197	2	99.94%

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

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	45	14	20
2	Ceramah Umum/Public Lecture	6	14	9
3	Pameran/Exhibition	33	26	17
4	Seminar/ Taklimat/Seminar/Briefing	11	2	2
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	21	8	5
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	3	0	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	7	6	6

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

KEDAH

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	15		11
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-		-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	165		96
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development			
v.	Lawatan PAT/PAT Visit	762		424
vi.	Lawatan Post EIA/Post EIA Visit	62		12
vii.	Rayuan Kompoun/Compound Appeal	280	250	71
viii.	Lesen/Licence	106	110	143

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

Kedudukan 2009 / Status 2009

Bil./ No.	Aktiviti / Activities	Jumlah Premis (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pencapaian/ Percentage of Compliance
		(7)	(8)	(9)	(10)	P* L*	(12)	(13)	(14) = [(7)-(13)]/(7)
i	Kilang Kelapa Sawit / <i>Palm Oil Mills</i>	2	2	8	2	4 11	0	2	0%
ii	Kilang Getah Asli Mentah / <i>Raw Natural Rubber Factories</i>	4	3	15	3	7 10	3	0	100%
iii	Kemudahan Pengolahan Buangan Teriadual / <i>Scheduled Waste Treatment Facility</i>	61	61	110	61	61 65	59	2	96.72%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		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)/(5) (100% 99% 100% 100%)
i	Efluen Perindustrian/ Industrial Effluent	418	220	280	304	2	100%
ii	Pencemaran Udara/ Air Pollution	903	370	400	470	5	99%
iii	Premis Kumbahan/ Sewage Premises	653	50	50	90	0	100%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,798	350	420	604	7	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance $\frac{(14)}{[(7)-(13)] \times (7)}$	
		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)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)				
						P*				L*
i	Efluen Perindustrian/ Industrial Effluent	2,833	582	-	-	-	609	28	99.01%	
ii	Pencemaran Udara/ Air Pollution	3,125	606	-	-	-	615	29	99.07%	
iii	Premis Kumbahan/ Sewage Premises	1,499	100	-	-	-	202	0	100%	
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	3,039	601	-	-	-	614	29	99.05%	

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	416	300	150	225
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	1	0	0	1
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	63	80	40	43
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	16 16	16 16	8 8	15 15

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	697		600	453

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds					
	Punca Tetap/Point Sources	230	RM158,850	210	113 (RM60,550)	
	Punca Bergerak/ Mobile Sources	70	RM79,000	65	44 (RM28,000)	
2	Mahkamah/Court Cases					
	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	23	-	15	8	
ii.	Punca Bergerak/ Mobile Sources	125	-	100	39	
	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	21	-	15	8	
iii.	Punca Bergerak/ Mobile Sources	92	-	100	39	
	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	21	-	5	16	
	Punca Bergerak/ Mobile Sources	92	-	50	71	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	12	10	7
2	Ceramah Umum/Public Lecture	23	22	8
3	Pameran/Exhibition	41	25	21
4	Seminar/ Taklimat/Seminar/Briefing	2	2	1
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	5	2	3
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	11	8	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	11	20	11

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	30	-	13
ii.	Keputusan Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	962	-	143
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,024	-	569
vi.	Lawatan Post EIA/Post EIA Visit	307	200	75
vii.	Rayuan Kompoun/Compound Appeal	240	230	51
viii.	Lesen/Licence	6	0	3

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

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

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil./ No.	Premis Yang DiTetapkan/ Prescribed Premises	Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pematuhan/ Percentage of Compliance
		(1)	(2)	(3)	(4)	(5)	(6) = (4)/(1)
i	Kilang Kelapa Sawit / Palm Oil Mills	46	46	122	39	7	84.78%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	11	11	32	10	1	90.91%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	28	28	95	23	5	82.14%

Aktiviti / Activities		Sasaran target 2010 / Target 2010									
Bil./ No.	Premis Yang DiTetapkan/ Prescribed Premises	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 Yang Disasarkan Patuh/ Total of Complying Premises (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010		Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pematuhan/ Percentage of Compliance	
		(7)	(8)	(9)	(10)	P*	L*	(12)	(13)	(14) = [(7)-(13))/(7)	
i	Kilang Kelapa Sawit / Palm Oil Mills	46	46	72	46	34	38	33	1	97.83%	
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	11	11	36	11	17	14	14	0	100%	
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	31	31	62	31	16	19	18	1	96.77%	

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

A1b : Pemeriksaan Puncak Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ 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	Efluen Perindustrian/ Industrial Effluent	1,943	219	303	1,943	29	98.51 %
ii	Pencemaran Udara/ Air Pollution	2,927	408	502	2,927	29	99.01 %
iii	Premis Kumbahan/ Sewage Premises	1,000	53	53	1,000	2	99.8 %
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	3,924	351	470	3,924	19	99.52 %

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(12)-(13)]/(17)
		Jumlah Premis (Inventory)/ Total of Premises (Inventory) (7)	Premis yg Disasarkan 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)	Pencapaian Setinggi 30 Jun 2010/ Achievement Until 30 June 2010 (11)	P*			
i	Efluen Perindustrian/ Industrial Effluent	2,012	305	-	-	-	-	203	34	98.31 %
ii	Pencemaran Udara/ Air Pollution	2,205	359	-	-	-	-	231	40	98.19 %
iii	Premis Kumbahan/ Sewage Premises	1,350	50	-	-	-	-	1,350	0	100 %
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	2,115	341	-	-	-	-	213	39	98.16 %

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

**A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning**

PERAK

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol		-	-	51
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	154 6	-	-	-
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	23	-	-	8
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	168 168	- -	- -	105 105

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	585		500	287

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	107 122	- -		81 (RM27,300) 35 (RM45,500)	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	20	-	50	7	
	Punca Bergerak/ Mobile Sources	46	-	150	3	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	8	-		7	
	Punca Bergerak/ Mobile Sources	29	-		13	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	-	-		4	
	Punca Bergerak/ Mobile Sources	-	-		2	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	18	25	8
2	Ceramah Umum/Public Lecture	9	10	5
3	Pameran/Exhibition	24	18	7
4	Seminar/ Taklimat/Seminar/Briefing	3	4	8
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	3	3	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	3	2	-
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	-

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

Bil/ No.	Program/ Programme	Kedudukan 2008/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	24	-	9
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	302	-	150
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,147	1,200	370
vi.	Lawatan Post EIA/Post EIA Visit	119	30	33
vii.	Rayuan Kompoun/Compound Appeal	328	-	100
viii.	Lesen/Licence	135	100	50

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

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

Bil./ No.	Aktiviti / Activities Premis Yang DiTetapkan/ Prescribed Premises	Kedudukan 2009 / Status 2009					
		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	21	21	80	21	0	100%
ii	Kilang Getah Asli Mentan / Raw Natural Rubber Factories	2	2	3	1	1	50%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	65	60	154	56	4	86.15%

Bil./ No.	Aktiviti / Activities Premis Yang DiTetapkan/ Prescribed Premises	Sasaran target 2010 / Target 2010					Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pematuhan/ Percentage of Compliance	
		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 Yang Disasarkan Patuh/ Total of Complying Premises (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)				
						P [*]				L [*]
i	Kilang Kelapa Sawit / Palm Oil Mills	21	21	60	21	24	24	20	1	95.2%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	2	2	5	2	3	3	1	1	50.0%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	69	69	170	69	72	77	55	12	82.6%

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

**A1b : Pemeriksaan Puncu Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non- Prescribed Premises Inspection and Percentage of Compliance (%)**

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	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	Efluen Perindustrian/ Industrial Effluent	1,231	568	627	312	87	92.93%
ii	Pencemaran Udara/ Air Pollution	4,127	1,101	1,252	518	250	93.94%
iii	Premis Kumbahan/ Sewage Premises	2,643	44	46	36	6	99.77%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	5,274	1,191	1,310	487	320	93.93%

Aktiviti / Activities		Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(12)-(13)]/(17)
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory)/ Total of Premises (Inventory) (7)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P* L*					
i	Efluen Perindustrian/ Industrial Effluent	5,090	1,689	-	-	-	-	-	568	358	92.97%
ii	Pencemaran Udara/ Air Pollution	5,431	1,895	-	-	-	-	-	614	393	92.76%
iii	Premis Kumbahan/ Sewage Premises	4,620	117	-	-	-	-	-	24	3	99.94%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	5,295	1,877	-	-	-	-	-	606	390	92.63%

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	1,968 52	Mengikut keperluan sepanjang tahun dan juga keadaan cuaca / According to need year round and also weather condition	32	100
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme			-	9
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	156		25	25
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	108 108		-	94 94

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	2,110		-	678

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds					
	Punca Tetap/Point Sources	374	RM261,100	300	274 (RM140,450)	
	Punca Bergerak/ Mobile Sources	461	RM566,100	400	234 (RM236,000)	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	117		150	35	
	Punca Bergerak/ Mobile Sources	191		150	106	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	69		100	20	
	Punca Bergerak/ Mobile Sources	43		90	55	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	112		112	89	
	Punca Bergerak/ Mobile Sources	0		-	-	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	10	-	5
2	Ceramah Umum/Public Lecture	10	-	11
3	Pameran/Exhibition	34	30	39
4	Seminar/ Taklimat/Seminar/Briefing	9	4	4
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	3	3	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	1	1	0
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	-

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	33	-	18
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	681	-	220
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	1,785	-	964
vi.	Lawatan Post EIA/Post EIA Visit	108	-	86
vii.	Rayuan Kompoun/Compound Appeal	402	-	568
viii.	Lesen/Licence	1,186	-	301

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

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuhan/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Kilang Kelapa Sawit / Palm Oil Mills	6	6	12	5	1	(6) = (4)/(1)
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	11	10	20	11	0	0
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility						100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory) Total of Premises (Inventory)	Premis yg Disasarkan / Targeted to be Visited	Jumlah Lawatan / Total of Visits	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises	Jumlah Premis Yang Disasarkan Tidak Patuh/ Total of Non-Complying Premises	P*	L*			
i	Kilang Kelapa Sawit / Palm Oil Mills	-	-	-	-	-	-	-	-	-	-
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	-	-	-	-	-	-	-	-	-	-
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	8	8	16	8	8	8	8	8	0	100%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventori)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Efluen Perindustrian/ Industrial Effluent	289	156	156	151	5	89.00%
ii	Pencemaran Udara/ Air Pollution	937	549	549	542	7	90.40%
iii	Premis Kumbahan/ Sewage Premises	354	146	146	120	26	82.00%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	642	334	334	319	15	87.20%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (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 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 Premises (10)	P*	L*					
i	Efluen Perindustrian/ Industrial Effluent	923	36	-	-	-	-	22	9	99.02%		
ii	Pencemaran Udara/ Air Pollution	1,020	38	-	-	-	-	24	9	99.12%		
iii	Premis Kumbahan/ Sewage Premises	357	-	-	-	-	-	-	2	99.44%		
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	960	36	-	-	-	-	22	9	99.06%		

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

A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning

KUALA LUMPUR

Bil/ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	656	24	12	65
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	-	-	-
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	2	2	-	-
iv.	Siasatan Titik Panas/ Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan dilasat/No. of Investigation	-	-	-	-
				-	93

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	342		-	180

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	329 33	RM626,000 RM64,000	162 9	249 (RM336,000) -	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	3	-	-	2	
	Punca Bergerak/ Mobile Sources	13	-	-	37	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	3	-	-	2	
	Punca Bergerak/ Mobile Sources	13	-	-	8	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	3	-	-	2	
	Punca Bergerak/ Mobile Sources	13	-	-	8	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	14	10	3
2	Ceramah Umum/Public Lecture	8	3	3
3	Pameran/Exhibition	23	15	5
4	Seminar/ Taklimat/Seminar/Briefing	103	70	46
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	4	2	2
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	5	3	1
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	16	25	10

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	1	-	-
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	171	-	56
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	33	-	7
vi.	Lawatan Post EIA/Post EIA Visit	46	-	23
vii	Rayuan Kompoun/Compound Appeal	352	-	205
viii	Lesen/Licence	67	-	1

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

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Premises (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuh/ Complying (4)	Tidak Patuh/ Non- Complying (5)	Peratus Pemuatan/ Percentage of Compliance (6) = (4)/(1)
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	7	3	0	100%
ii		1	1	1	1	0	100%
iii		18	18	92	18	0	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pemuatan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory) / Total of Premises (Inventory) (7)	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 Premises (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	P*			
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	-	-	3	0	100%
ii		1	1	2	1	-	-	1	0	100%
iii		19	19	76	19	-	-	18	1	94.74%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non- Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009						Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non- Complying		
	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	(1)	(2)	(3)	(4)	(5)	(6) = (4)/(1)	
i	Efluen Perindustrian/ Industrial Effluent	180	180	217	110	5	97.2%	
ii	Pencemaran Udara/ Air Pollution	240	240	296	115	39	83.8%	
iii	Premis Kumbahan/ Sewage Premises	78	78	59	56	3	96.2%	
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	230	230	295	122	39	83.00%	

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010										Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited	Jumlah yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)			Patuh/ Complying	Tidak Patuh/ Non- Complying		
	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	(7)	(8)	(9)	(10)	P*	L*		(12)	(13)	(14) = [(7)-(13)]/(7)	
i	Efluen Perindustrian/ Industrial Effluent	937	381	-	-	-			46	21	97.76%	
ii	Pencemaran Udara/ Air Pollution	1232	445	-	-	-			55	23	98.13%	
iii	Premis Kumbahan/ Sewage Premises	540	103	-	-	-			-	0	100%	
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1222	445	-	-	-			53	22	98.20%	

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	171	150	37	47
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	2	0	0	0
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	176	0	3	3
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	11 11	- -	9 9	9 9

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	247		200	69

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	300 71	RM160,500 RM62,500	300 72	111 (RM45,400) 26 (RM8,000)	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	15	-	10	1	
	Punca Bergerak/ Mobile Sources	51	-	0	33	
ii.	Kes ditailkan/ Filed Cases					
	Punca Tetap/Point Sources	12	-	10	0	
	Punca Bergerak/ Mobile Sources	42	-	0	18	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	0	-	0	0	
	Punca Bergerak/ Mobile Sources	0	-	0	1	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	6	7	1
2	Ceramah Umum/Public Lecture	11	7	1
3	Pameran/Exhibition	24	10	5
4	Seminar/ Taklimat/Seminar/Briefing	5	2	0
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	2	1	0
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	1	1	0
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	-

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	7	5	5
ii.	Kebanaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	53	50	23
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	897	500	232
vi.	Lawatan Post EIA/Post EIA Visit	89	60	41
vii.	Rayuan Kompound/Compound Appeal	302	310	72
viii.	Lesen/Licence	23	23	23

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

NEGERI SEMBILAN

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventori) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patu/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	14	14	47	13	1	(6) = (4)/(1)
ii		13	14	44	13	0	92.86% 100.00%
iii		19	19	67	18	1	94.74%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010				Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010		Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventori) / Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	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	14	14	37	14	17	19	11	3	78.57%
ii		12	12	37	12	17	21	11	1	91.67%
iii		17	17	57	19	25	36	14	3	82.35%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	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	Efluen Perindustrian/ Industrial Effluent	172	114	523	163	9	94.77%
ii	Pencemaran Udara/ Air Pollution	365	288	675	338	27	92.60%
iii	Premis Kumbahan/ Sewage Premises	1,065	197	174	1,044	21	98.03%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,298	520	855	1,263	35	97.30%

Aktiviti / Activities		Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(12)-(13)]/(7)
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory)/ Total of Premises (Inventory) (7)	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*				
i	Efluen Perindustrian/ Industrial Effluent	1,349	319	-	-	-	-	-	1,314	37	97.26%
ii	Pencemaran Udara/ Air Pollution	1,513	414	-	-	-	-	-	1,473	42	97.22%
iii	Premis Kumbahan/ Sewage Premises	1,076	168	-	-	-	-	-	1,074	0	100%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,491	399	-	-	-	-	-	1,452	41	97.25%

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	465	200	100	86
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	2	0	0
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	30 30	15 15	8 8	37 37

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	437		400	220

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	216 69	RM129,200 RM97,000	- -	79 52	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	52	-	34	24	
	Punca Bergerak/ Mobile Sources	28	-	10	74	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	34	-	25	7	
	Punca Bergerak/ Mobile Sources	36	-	20	34	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	7	-	25	38	
	Punca Bergerak/ Mobile Sources	0	-	20	4	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	4	6	4
2	Ceramah Umum/Public Lecture	7	6	2
3	Pameran/Exhibition	18	20	21
4	Seminar/ Taklimat/Seminar/Briefing	7	9	6
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	2	2	-
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	1	1	-
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	8	10	4

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	8	8	6
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	265	265	108
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	889	870	561
v.	Lawatan PAT/PAT Visit	-	-	-
vi.	Lawatan Post EIA/Post EIA Visit	58	50	41
vii.	Rayuan Kompoun/Compound Appeal	294	200	63
viii.	Lesen/Licence	101	100	43

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

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

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Kedudukan 2009 / Status 2009					
		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 Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	64	64	280	54	10	84.40%
ii		14	14	50	14	0	100%
iii		48	48	99	48	0	100%

Bil./ No.	Aktiviti / Activities Premis Yang Ditetapkan/ Prescribed Premises	Sasaran target 2010 / Target 2010					Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance $\frac{(14)}{[(7)-(13)](7)}$
		Jumlah Premis (Inventory) Total of Premises (Inventory) (7)	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 Premises (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)			
i	Kilang Kelapa Sawit / Palm Oil Mills	64	64	128	64	P* L* 75 93	54	10	84.38%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	14	14	28	14	12 16	10	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	50	50	100	50	16 36	16	0	100%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventori)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Efluen Perindustrian/ Industrial Effluent	5,185	580	845	5,168	17	97.1%
ii	Pencemaran Udara/ Air Pollution	5,791	779	1,122	5,756	35	95.5%
iii	Premis Kumbahan/ Sewage Premises	1,037	154	154	1,033	4	97.4%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	5,610	677	951	5,596	14	97.9%

Bil./ No.	Aktiviti / Activities Premis Yang Bukan Ditetapkan/ Non-Prescribed Premises	Sasaran target 2010 / Target 2010					Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance $\frac{(14)}{[(7)-(13)](7)}$
		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 (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Target Premises (10)	P*	L*				
		i	Efluen Perindustrian/ Industrial Effluent	8,897	325	-	-	-	83	34	
ii	Pencemaran Udara/ Air Pollution	9,276	448	-	-	-	148	48	99.48%		
iii	Premis Kumbahan/ Sewage Premises	1,225	126	-	-	-	23	3	99.76%		
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	9,250	446	-	-	-	147	46	99.50%		

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	121	84	88	55
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	25	36	14	9
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	20	12	6	6
iv.	Siasatan Tiik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	141	100	187	197
		-	-	-	11

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

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

A3 : Penyasatan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	874		800	362

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds					
	Punca Tetap/Point Sources	650	RM593,950	552	RM115,000	
	Punca Bergerak/ Mobile Sources	409	RM794,400	64	RM73,000	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	159	-	150	83	
	Punca Bergerak/ Mobile Sources	133	-	150	85	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	131	-	-	50	
	Punca Bergerak/ Mobile Sources	94	-	-	44	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	49	-	-	40	
	Punca Bergerak/ Mobile Sources	6	-	-	2	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	15	10	8
2	Ceramah Umum/Public Lecture	11	10	10
3	Pameran/Exhibition	20	12	16
4	Seminar/ Taklimat/Seminar/Briefing	14	4	5
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	3	1	-
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	2	-	-
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	-

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	43	40	17
ii.	Kebanaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	618	418	246
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	2,707	2,707	1,151
vi.	Lawatan Post EIA/Post EIA Visit	200	103	97
vii	Rayuan Kompoun/Compound Appeal	686	-	276
viii	Lesen/Licence	288	288	114

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

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					Peratus Pematuhan/ Percentage of Compliance
		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)	
i	Premis Yang DiTetapkan/ Prescribed Premises	70	70	202	59	11	84%
ii		10	10	31	10	0	100%
iii		8	8	28	8	0	100%
	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Teriadual / Scheduled Waste Treatment Facility						

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					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 Utuk Dilawat/ Premises Targeted to be visited (8)	Jumlah Lawatan Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)			
i	Premis Yang DiTetapkan/ Prescribed Premises	70	70	175	70	51	57	69	99%
ii		10	10	23	10	8	10	10	100%
iii		8	8	10	8	12	17	8	100%
	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Teriadual / Scheduled Waste Treatment Facility								

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

BIL./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Total of Premises (Inventory) (1)	Premis Diliwat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuh/ Complying (4)	Tidak Patuh/ Non-Complying (5)	Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(5)
i	Efluen Perindustrian/ Industrial Effluent	96	57	59	94	2	98%
ii	Pencemaran Udara/ Air Pollution	692	264	278	674	18	97%
iii	Premis Kumbahan/ Sewage Premises	614	190	230	606	8	99%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,087	424	428	1,076	11	99%
BIL./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					
		Jumlah Premis (Inventory)/ Total of Premises (Inventory) (7)	Premis yg Disasarkan Utk Diliwat/ Premises Targeted to be Visited (8)	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted (9)	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises Target (10)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Peratus Pematuhan/ Percentage of Compliance (14) = (7)-(13)/(7)
						P* L*	
i	Efluen Perindustrian/ Industrial Effluent	1,472	421	-	-	-	100%
ii	Pencemaran Udara/ Air Pollution	1,694	567	-	-	-	100%
iii	Premis Kumbahan/ Sewage Premises	567	160	-	-	-	100%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,669	543	-	-	-	100%

*P- Bil. Premis Diliwat/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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	658	630	241	322
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	32	34	17	20
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	21	23	12	22
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	162 162	166 166	88 88	400 317

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	274		194	93

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	276 113	RM173,950 RM159,500	310 86	119 (RM111,800) 22 (RM36,000)	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	45	-	40	10	
	Punca Bergerak/ Mobile Sources	31	-	40	58	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	49	-	40	14	
	Punca Bergerak/ Mobile Sources	21	-	40	33	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	2	-	-	-	
	Punca Bergerak/ Mobile Sources	0	-	-	-	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	21	24	10
2	Ceramah Umum/Public Lecture	-	-	-
3	Pameran/Exhibition	60	30	17
4	Seminar/ Taklimat/Seminar/Briefing	-	-	-
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	4	4	4
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	5	1	3
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	0

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	20	15	9
ii.	Kebanaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	127	130	81
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	518	630	227
vi.	Lawatan Post EIA/Post EIA Visit	65	75	39
vii.	Rayuan Kompoun/Compound Appeal	0	138	122
viii.	Lesen/Licence		92	92

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

TERENGGANU

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
i	Kilang Kelapa Sawit / Palm Oil Mills	13	13	77	11	(5)	(6) = (4)/(1)
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	2	2	12	2	0	84.62% 100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	8	8	30	8	0	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory) / Total of Premises (Inventory)	Premis yg Disasarkan / Dilawat / Targeted to be Visited	Jumlah Lawatan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan / Patuh/ Complying Target Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	P* L* (11)			
i	Kilang Kelapa Sawit / Palm Oil Mills	13	13	55	13	23	31	12	1	92.31% [(7)-(13))/(7)
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	2	2	4	2	2	2	2	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	8	8	23	8	10	11	9	0	100%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non- Prescribed Premises Inspection and Percentage of Compliance (%)

Aktiviti / Activities		Kedudukan 2009 / Status 2009						
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah (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	Efluen Perindustrian/ Industrial Effluent	186	65	131	65	0	100%	
ii	Pencemaran Udara/ Air Pollution	483	143	192	139	4	99.17%	
iii	Premis Kumbahan/ Sewage Premises	384	72	86	71	1	99.74%	
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,285	238	525	232	6	99.53%	

Aktiviti / Activities		Sasaran target 2010 / Target 2010										Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13))/(7)
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory) (7)	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)	Pencapaian Selangka 30 Jun 2010/ Achievement Until 30 June 2010 (11)		P [*]	L [*]					
i	Efluen Perindustrian/ Industrial Effluent	1,373	433	-	-	-	-	-	-	208	3	99.78%		
ii	Pencemaran Udara/ Air Pollution	2,250	586	-	-	-	-	-	-	305	5	99.78%		
iii	Premis Kumbahan/ Sewage Premises	807	250	-	-	-	-	-	-	43	0	100%		
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,764	560	-	-	-	-	-	-	294	5	99.72%		

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	189	200	100	128
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	3	3	-	-
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	28	26	14	13
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	54 54	- -	- -	47 47

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	170		-	114

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	325	RM153,970	350	135 (RM46,950)	
		51	RM58,500	30	24 (RM34,000)	
2 i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
		10	-	10	3	
ii.	Kes difailkan/ Filed Cases	26	-	50	11	
		10	-	10	3	
iii.	Kes selesai/ Completed Cases	26	-	50	9	
		19	-	-	3	
	Punca Tetap/Point Sources	33	-	-	7	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	10	10	8
2	Ceramah Umum/Public Lecture	14	10	8
3	Pameran/Exhibition	18	15	16
4	Seminar/ Taklimat/Seminar/Briefing	2	4	2
5	Kem Kesedaran Alam Sekitar (KekAS)/ Environmental Awareness Camp (KekAS)	11	10	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	7	4	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	0	8	2

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	15		7
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-		-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	31		24
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-		-
v.	Lawatan PAT/PAT Visit	398		212
vi.	Lawatan Post EIA/Post EIA Visit	83		45
vii.	Rayuan Kompoun/Compound Appeal	301		101
viii.	Lesen/Licence	31		30

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

KELANTAN

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

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil./ No.	Premis Yang DiTetapkan/ Prescribed Premises	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 Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	10	10	34	9	1	90.0%
ii		7	6*	29	7	0	100%
iii		-	-	-	-	-	-

Aktiviti / Activities		Sasaran target 2010 / Target 2010									
Bil./ No.	Premis Yang DiTetapkan/ Prescribed Premises	Jumlah Premis (Inventory) Total of Premises (Inventory) (7)	Jumlah Premis Disasarkan (Inventory) Total of 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)	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non-Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13))/(7)	
		P*	L*								
i	Kilang Kelapa Sawit / Palm Oil Mills	10	10	40	10	20	20	9	1	90%	
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	8	8	32	8	16	16	8	0	100%	
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	-	-	-	-	-	-	-	-	-	

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non- Prescribed Premises Inspection and Percentage of Compliance (%)

Aktiviti / Activities		Kedudukan 2009 / Status 2009							
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pematuhan/ Percentage of Compliance		
		(1)	(2)	(3)	(4)	(5)	(6) = (4)/(1)		
i	Efluen Perindustrian/ Industrial Effluent Pencemaran Udara/ Air Pollution Premis Kumbahan/ Sewage Premises Premis Buangan Terjadual/ Scheduled Waste Premises	7	14	17	5	2	71.4%		
ii		286	174	192	250	36	87.4%		
iii		36	18	18	34	2	94.4%		
iv		499	75	80	473	26	94.8%		
Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					Patuh/ Complying	Tidak Patuh/ Non- Complying	Peratus Pematuhan/ Percentage of Compliance
		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 Yang Disasarkan Patuh/ Total of Complying Target Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)			
		(7)	(8)	(9)	(10)	P* L*	(12)	(13)	(14) = [(7)-(13)]/(7)
i	Efluen Perindustrian/ Industrial Effluent Pencemaran Udara/ Air Pollution Premis Kumbahan/ Sewage Premises Premis Buangan Terjadual/ Scheduled Waste Premises	731	93	-	-	-	-	9	98.77%
ii		1,006	209	-	-	-	-	21	97.91%
iii		52	8	-	-	-	-	0	100%
iv		937	175	-	-	-	-	16	98.29%

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

**A2 : Operasi Mencegah Pembakaran Terbuka
Prevention Operation for Open Burning**

KELANTAN

Bil./ No.	Aktiviti / Activities Program Operasi Pencegahan Pembakaran Terbuka / Open Burning Prevention Operation Programme	Pencapaian 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	90	12	6	23
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	1	2	1	6
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	22	10	5	6
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	72 72	40 20	20 10	163 163

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	165		90	93

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	315 32	RM119,550 RM35,800	155 20	121 (RM49,100) 6 (RM10,000)	
2	Mahkamah/Court Cases					
i.	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	5	-	5	5	
	Punca Bergerak/ Mobile Sources	84	-	50	41	
ii.	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	5	-	5	1	
	Punca Bergerak/ Mobile Sources	72	-	50	23	
iii.	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	4	-	5	4	
	Punca Bergerak/ Mobile Sources	39	-	50	33	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	14	15	8
2	Ceramah Umum/Public Lecture	10	8	0
3	Pameran/Exhibition	11	10	1
4	Seminar/ Taklimat/Seminar/Briefing	3	3	5
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	4	1	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	2	-	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	5	5	3

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	28	30	19
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	20	10	15
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT /PAT Visit	113	50	57
vi.	Lawatan Post EIA/Post EIA Visit	120	46	17
vii	Rayuan Kompoun/Compound Appeal	276	115	99
viii	Lesen/Licence	17	18	8

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

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Total of Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuhan/ Complying	Tidak Patuh/ Non-Complying	Peratus Pemuatan/ Percentage of Compliance
i	Kilang Kelapa Sawit / Palm Oil Mills	121	121	285	95	26	(6) = (4)/(1)
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	3	3	6	3	0	78.51% 100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	11	11	22	6	5	54.55%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010						Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pemuatan/ Percentage of Compliance
		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 Yang Disasarkan Patuh / Total of Complying Premises	P	L				
i	Kilang Kelapa Sawit / Palm Oil Mills	122	122	272	122	140	156	137	0	(13)	100%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	3	3	6	3	3	2	10	0	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	11	11	26	11	12	20	8	3	3	72.73%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Kedudukan 2009 / Status 2009					Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory)/ Total of Premises (Inventory) (1)	Premis Dilawat/ Visited Premises (2)	Jumlah Lawatan/ Total of Visits (3)	Patuhi/ Complying (4)	Tidak Patuhi/ Non- Complying (5)	
i	Efluen Perindustrian/ Industrial Effluent	93	58	67	41	17	81.72%
ii	Pencemaran Udara/ Air Pollution	727	176	184	129	47	93.54%
iii	Premis Kumbahan/ Sewage Premises	98	29	38	93	5	94.90%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,056	226	226	169	57	94.60%

Bil./ No.	Aktiviti / Activities Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Sasaran target 2010 / Target 2010					Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010		Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Mematuhi/ 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 Yang Disasarkan Patuh/ Total of Complying Target Premises	P*	L*				
i	Efluen Perindustrian/ Industrial Effluent	1,605	358	-	-	-	-	71	12	99.25%	
ii	Pencemaran Udara/ Air Pollution	2,017	483	-	-	-	-	92	23	98.86%	
iii	Premis Kumbahan/ Sewage Premises	211	65	-	-	-	-	19	4	98.10%	
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,907	466	-	-	-	-	86	18	99.06%	

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	385	250	129	219
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	157.21	200	96	88.96
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	25	21	11	10
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	377 300	100 100	50 50	260 251

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

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

A3 : Penyasiasan Aduan / Complaint Investigation

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	201		200	115

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	226 158	RM150,800 RM153,000	250 160	91 (RM43,100) 67 (RM51,000)	
2	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
ii.	Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	442 75	21 25	60 60	21 25	
	Kes difailkan/ Filed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	38 70	19 28	60 60	19 28	
iii.	Kes selesai/ Completed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	40 59	12 23	60 60	12 23	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	11	15	11
2	Ceramah Umum/Public Lecture	18	15	9
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	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	18	15	4
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	12	12	6

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	18	15	0
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	280	290	163
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	239	250	99
vi.	Lawatan Post EIA/Post EIA Visit	27	30	9
vii.	Rayuan Kompoun/Compound Appeal	281	-	41
viii.	Lesen/Licence	-	-	-

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

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 2009 / Status 2009					
		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)	Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
i	Kilang Kelapa Sawit / Palm Oil Mills Kilang Getah Asli Mentah / Raw Natural Rubber Factories Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	46	43	97	37	6	80.43%
ii		3	3	6	3	0	100%
iii		38	38	98	33	5	86.84%

Bil./ No.	Aktiviti / Activities Premis Yang DiTetapkan/ Prescribed Premises	Sasaran target 2010 / Target 2010					Pencapaian Selhingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)		Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(7)-(13)]/(7)
		Jumlah Premis (Inventory)		Premis yg Disasarkan Uti Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises (10)	P*	L*			
		(7)		(8)	(9)	(10)					
i	Kilang Kelapa Sawit / Palm Oil Mills	47		47	120	40	25	61	39	3	93.61%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	4		4	6	4	4	9	4	0	100%
iii	Kemudahan Pengolahan Buangan Terjadual/ Scheduled Waste Treatment Facility	40		40	80	35	50	52	34	4	90%

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

**A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peraturan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)**

Aktiviti / Activities		Kedudukan 2009 / Status 2009					
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	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	Efluen Perindustrian/ Industrial Effluent	325	88	108	52	36	60%
ii	Pencemaran Udara/ Air Pollution	1,483	205	271	107	98	53%
iii	Premis Kumbahan/ Sewage Premises	44	6	6	6	0	100%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	1,560	174	197	56	118	32%

Aktiviti / Activities		Sasaran target 2010 / Target 2010					Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010 (11)	Patuh/ Complying (12)	Tidak Patuh/ Non- Complying (13)	Peratus Pematuhan/ Percentage of Compliance (14) = [(14)-(13)]/(17)
Bil./ No.	Premis Yang Bukan DiTetapkan/ Non-Prescribed Premises	Jumlah Premis (Inventory) / Total of Premises (Inventory) (7)	Premis yg Disasarkan Untuk 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	Efluen Perindustrian/ Industrial Effluent	2,430	587	-	-	-	-	178	126	94.81%
ii	Pencemaran Udara/ Air Pollution	3,502	852	-	-	-	-	295	159	95.46%
iii	Premis Kumbahan/ Sewage Premises	228	52	-	-	-	-	6	1	99.56%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	3,357	823	-	-	-	-	286	151	95.50%

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	250	254	127	193
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	0	0	0	0
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	15	20	10	7
iv.	Siasatan Titik Panas / Hot Spot Investigation Bilangan dilaporkan (ASMC)/No. of Report (ASMC) Bilangan disiasat/No. of Investigation	107 107	57 57	34 34	86 86

* 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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	315		225	202

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	73	RM32,200	50	85 (RM16,250)	
		72	RM90,800	70	48 (RM41,000)	
2 i.	Mahkamah/Court Cases Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
		13	-	30	11	
ii.	Kes difailkan/ Filed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	1	-	10	2	
		8	-	20	2	
iii.	Kes selesai/ Completed Cases Punca Tetap/Point Sources Punca Bergerak/ Mobile Sources	1	-	-	0	
		15	-	25	18	
	Punca Bergerak/ Mobile Sources	1	-	-	0	

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	45	14	20
2	Ceramah Umum/Public Lecture	6	14	9
3	Pameran/Exhibition	33	26	17
4	Seminar/ Taklimat/Seminar/Briefing	11	2	2
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	21	8	5
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	3	0	0
7	Lain-Lain/Others			
7.1	Kolokium/ Colloquium	7	6	6

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	15	-	11
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	165	-	96
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	762	-	424
vi.	Lawatan Post EIA/Post EIA Visit	62	62	12
vii	Rayuan Kompoun/Compound Appeal	150	110	45
viii	Lesen/Licence	106	110	143

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

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

Bil./ No.	Aktiviti / Activities Premis Yang DiTetapkan/ Prescribed Premises	Kedudukan 2009 / Status 2009					
		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)	Peratus Pematuhan/ Percentage of Compliance (6) = (4)/(1)
i	Kilang Kelapa Sawit / Palm Oil Mills	0	-	-	-	-	-
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	0	-	-	-	-	-
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	4	4	7	4	0	100%

Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
		Jumlah Premis (Inventory)/ Total of Premises	Premis yg Disasarkan Utk Dilawat/ Premises Targeted to be Visited	Jumlah Lawatan yg Disasarkan / Total of Visits Targeted	Jumlah Premis Yang Disasarkan Patuh/ Total of Complying Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010			
		(7)	(8)	(9)	(10)	P* L* (11)	(12)	(13)	(14) = [(7)-(13))/(7)
i	Kilang Kelapa Sawit / Palm Oil Mills	0	0	0	0	0 0	0	0	0%
ii	Kilang Getah Asli Mentah / Raw Natural Rubber Factories	0	0	0	0	0 0	0	0	0%
iii	Kemudahan Pengolahan Buangan Terjadual / Scheduled Waste Treatment Facility	3	3	6	3	2 4	4	0	100%

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

A1b : Pemeriksaan Punca Yang Bukan Ditetapkan dan Peratusan Pematuhan (%)
Non-Prescribed Premises Inspection and Percentage of Compliance (%)

Bil./ No.	Aktiviti / Activities	Kedudukan 2009 / Status 2009					
		Jumlah Premis (Inventory)/ Premises (Inventory)	Premis Dilawat/ Visited Premises	Jumlah Lawatan/ Total of Visits	Patuh/ Complying	Tidak Patuh/ Non-Complying	Peratus Pematuhan/ Percentage of Compliance
	Premis Yang Bukan Ditetapkan/ Non-Prescribed Premises	(1)	(2)	(3)	(4)	(5)	(6) = (4)/(1)
i	Efluen Perindustrian/ Industrial Effluent	10	9	15	10	0	100%
ii	Pencemaran Udara/ Air Pollution	53	10	12	51	2	92.2%
iii	Premis Kumbahan/ Sewage Premises	86	18	22	81	5	94.1%
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	128	40	42	102	26	79.7%
Bil./ No.	Aktiviti / Activities	Sasaran target 2010 / Target 2010					
		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 Yang Disasarkan Patuh/ Total of Complying Premises	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	Patuh/ Complying
		(7)	(8)	(9)	(10)	(11)	(12)
	Premis Yang Bukan Ditetapkan/ Non-Prescribed Premises					P* L*	(13)
i	Efluen Perindustrian/ Industrial Effluent	280	59	-	-	-	23
ii	Pencemaran Udara/ Air Pollution	285	63	-	-	-	23
iii	Premis Kumbahan/ Sewage Premises	93	14	-	-	-	0
iv	Premis Buangan Terjadual/ Scheduled Waste Premises	282	61	-	-	-	23
							(14) = [(7)-(13))/(7)
							96.79%
							96.84%
							97.85%
							96.81%

*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 2009/ Achievement 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
				R*	L*
i.	Rondaan Daratan/ Land Patrol	112	120	60	66
ii.	Program Pengawasan Melalui Udara/ Airborne Surveillance Programme	2	2	3	2
iii.	Pemantauan Tapak Pelupusan Sampah/ Monitoring Landfill Site	15	10	4	6
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 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010 / Achievement Until 30 June 2010
		Bilangan/ Number			
1	Aduan Diterima / Complaint Received	33		-	21

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

Bil./ No.	Aktiviti / Activities	Kedudukan 2009/ Status 2009		Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010	
		Bilangan kes/ Number of Cases	*RM		Bilangan kes/ Number of Cases	*RM
1	Kompoun/Compounds					
	Punca Tetap/Point Sources	0	-	-	-	-
	Punca Bergerak/ Mobile Sources	46	RM54,000	-	39 (RM50,000)	
2	Mahkamah/Court Cases					
	Kertas Siasatan kepada TPR/ Investigation Paper to TPR					
	Punca Tetap/Point Sources	0	0	3	-	-
ii.	Punca Bergerak/ Mobile Sources	0	0	1	-	-
	Kes difailkan/ Filed Cases					
	Punca Tetap/Point Sources	0	0	3	-	-
iii.	Punca Bergerak/ Mobile Sources	0	0	1	-	-
	Kes selesai/ Completed Cases					
	Punca Tetap/Point Sources	0	0	3	-	-
	Punca Bergerak/ Mobile Sources	0	0	1	-	-

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
1	Ceramah Sekolah-Sekolah/ Lecture in Schools	1	3	1
2	Ceramah Umum/Public Lecture	6	3	4
3	Pameran/Exhibition	4	6	2
4	Seminar/ Taklimat/Seminar/Briefing	3	1	1
5	Kem Kesedaran Alam Sekitar (KeKAS)/ Environmental Awareness Camp (KeKAS)	2	1	1
6	Minggu Alam Sekitar Malaysia/Malaysia Environment Week	1	1	0
7	Lain-Lain/Others	-	-	-
7.1	Kolokium/ Colloquium	-	-	-

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

Bil./ No.	Program/ Programme	Kedudukan 2009/ Status 2009	Sasaran 2010/ Target 2010	Pencapaian Sehingga 30 Jun 2010/ Achievement Until 30 June 2010
i.	Laporan EIA / EIA Report	1	3	1
ii.	Kebenaran Bertulis(KB)/ Written Permission(KB)	-	-	-
iii.	APB /Alat Kawalan/ Insinerator (Kelulusan Bertulis)/ APB/Control Equipment/Incinerator (Written Approval)	21	10	8
iv.	PAT & Ulasan Input Pembangunan/PAT & Input Comment Development	-	-	-
v.	Lawatan PAT/PAT Visit	61	50	27
vi.	Lawatan Post EIA/Post EIA Visit	19	21	7
vii.	Rayuan Kompoun/Compound Appeal	21	10	28
viii.	Lesen/Licence	38	17	22

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



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