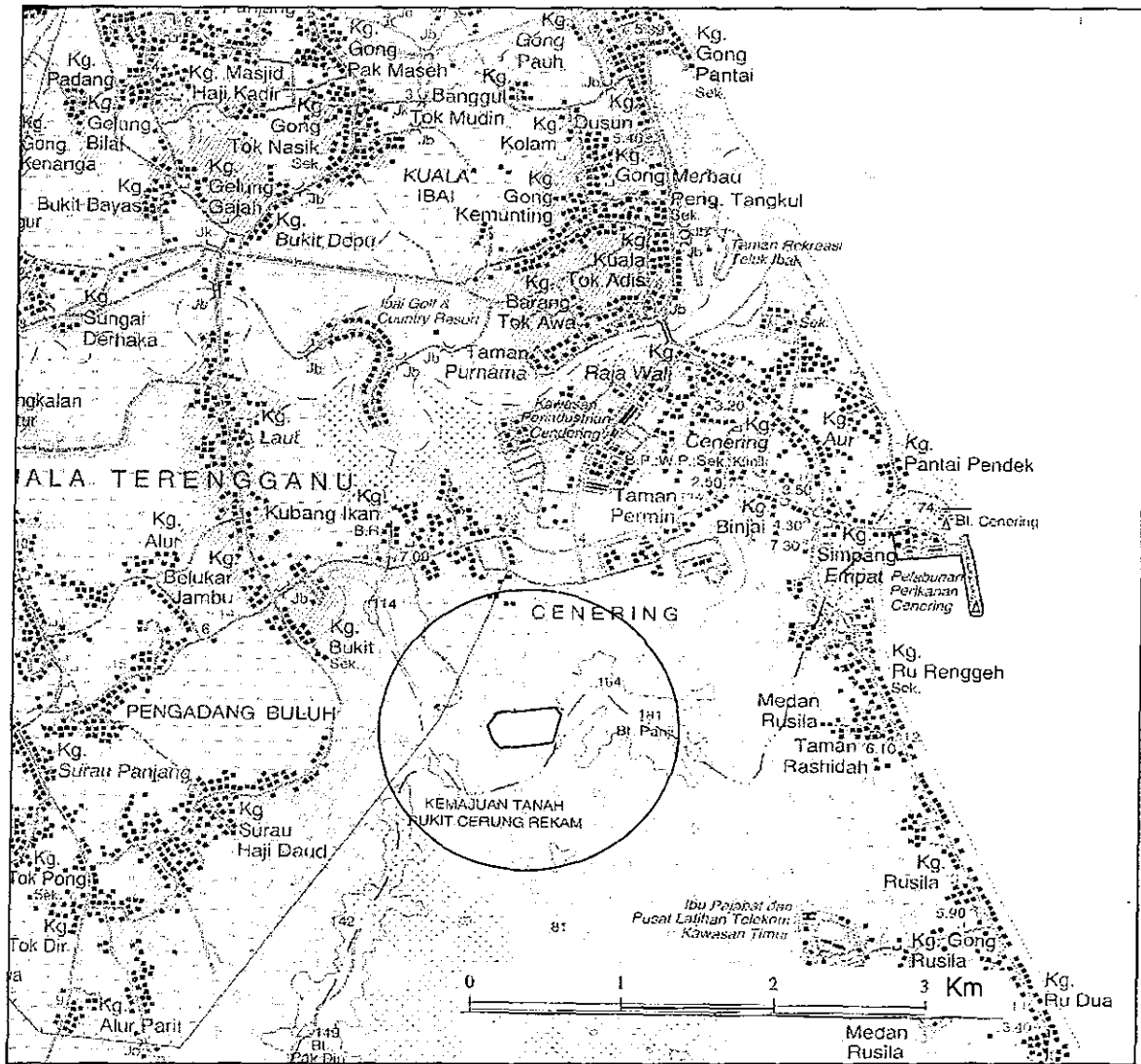


	State	Terengganu	
	No.	TR-07	
Basic Information			
Name of LA	MP K.Terengganu		
Name of Landfill	Kubang Ikan		
Location of the Landfill	Kubang Ikan, Chendering		
Status of Landfill	operation	(Remaining Life Span : 1 year)	
Year Start Operation	1998	Year Cease Operation	-
Managed by	Local Authority		
Land ownership	Stateland		
Gazetted	yes		
Area	13.3 ha	Waste Disposed daily	150
Reasons for closure	reach the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	hilly		
Waste Covered	no	(Frequency : no)	
Type of Vegetation	vacant		
Landslide	no		
Soil Subsidence	no		
Vector and animals	noticeable (flies,rat)		
Odor, gas and smoke	noticeable		
Leachate Quantity	no		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	alluvial		
No of complaints (/year)	6		
dist. from Residential	2 km (Wakaf Tok Keh)		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	vacant		
Surrounding area	rubber trees		
Ultimate Landuse	housing	(Level : high)	
Incl. in Local Development. Plan?	yes		
Probability of Development	high		
Distance from town centre (km)	13 km (K.T.)		
Remarks			

Maps

	No	TR-07
Local Authority	MP Kuala Terengganu	
Name	Kubang Ikan	
Location	103°09'44"	05°15'12"
Survey date		
Maps		



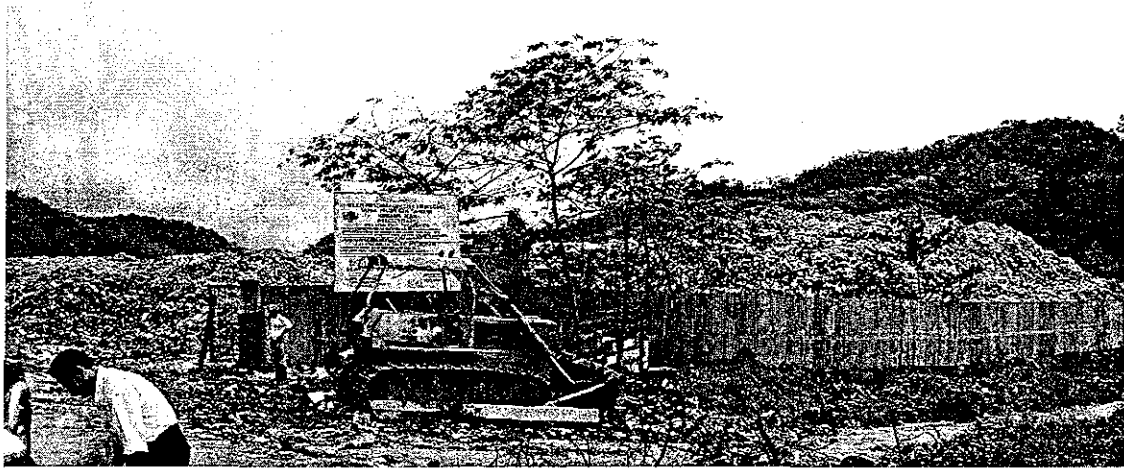
Comments

Photos

	No	TR-07
Local Authority	MP K.Terengganu	
Name	Kubang Ikan	
Survey date	23-Mar-03	
Comments		

Photos

Landscape of the gate. Waste is hilled.



Waste is hilled along the operation road.



Landscape from eastend of the site.



	State	Kelantan	
	No.	KL-01	
Basic Information			
Name of LA	MP Kota Baru		
Name of Landfill	Panji		
Location of the Landfill	Kg Beras Lanjut, Panji		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1961	Year Cease Operation	1987
Managed by	Local Authority		
Land ownership	Local Authority		
Gazetted	no		
Area	10 acres	Waste Disposed daily	90
Reasons for closure	reach the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	swampy/flatland		
Waste Covered	no	(Frequency : final cover only)	
Type of Vegetation	grass		
Landslide	no		
Soil Subsidence	no		
Vector and animals	no		
Odor, gas and smoke	no		
Leachate Quantity	no		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	alluvial		
No of complaints (/year)	nil		
dist. from Residential	500 m (Kg Beris Lanjut)		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	workshop/nursery		
Surrounding area	housing		
Ultimate Landuse	office (Level : high) complex		
Incl. in Local Development. Plan?	yes		
Probability of Development	already developed		
Distance from town centre (km)	7 km (K.Baru)		
Remarks			

Photos

		No	KL-01
Local Authority	MP Kota Baru		
Name	Panji		
Survey date	24-Mar-03		
Comments			

Photos

Closed landfill site is being used as a depot for refuse collection vehicles.



View from the entrance



View of the depot, surrounded by swampy area. The surrounding is 1.5 to 2m lower than the closed landfill site.



	State	Kelantan	
	No.	KL-02	
Basic Information			
Name of LA	MP Kota Baru		
Name of Landfill	Tebing Tinggi		
Location of the Landfill	Mukim Tebing Tinggi, Pengkalan Chepa		
Status of Landfill	operation	(Remaining Life Span : 0)	
Year Start Operation	1987	Year Cease Operation	-
Managed by	Local Authority		
Land ownership	Local Authority		
Gazetted	yes		
Area	19 ha	Waste Disposed daily	160
Reasons for closure	reach the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	swampy/flatland		
Waste Covered	no	(Frequency : only final cover)	
Type of Vegetation	trees		
Landslide	no		
Soil Subsidence	medium		
Vector and animals	noticeable		
Odor, gas and smoke	noticeable		
Leachate Quantity	medium		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	sandy/clay		
No of complaints (/year)	12		
dist. from Residential	500 m (Kg Tebing Tinggi)		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	vacant		
Surrounding area	vacant		
Ultimate Landuse	recreation (Level : low)		
Incl. in Local Development. Plan?	no		
Probability of Development	high		
Distance from town centre (km)	12 km(K. Baru)		
Remarks			

Photos

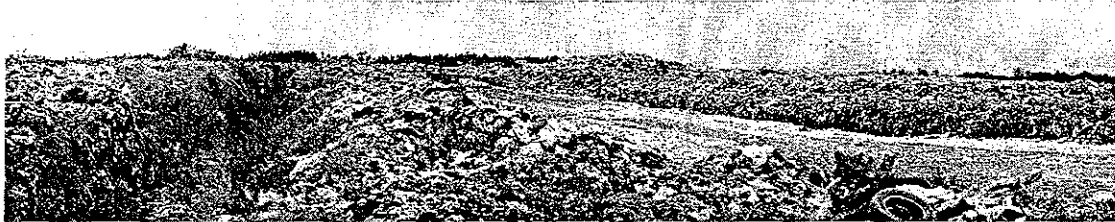
		No	KL-02
Local Authority	MP Kota Baru		
Name	Tebing Tinggi		
Survey date	24-Mar-03		
Comments			

Photos

View of closed site next to the operating site. Leachate trenches have been provided around the cells.



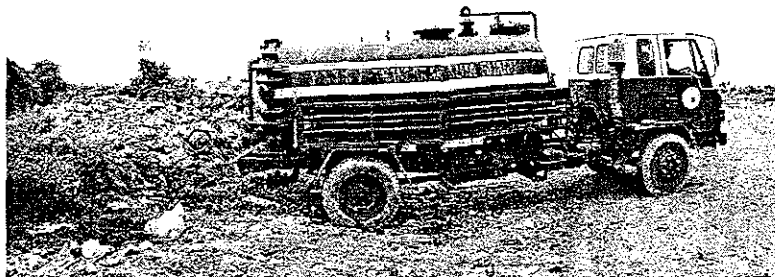
View of the western side of the site with trenches along side of the road



View of the northeastern side of the closed site. This area is covered with grass and planted with trees.



Sewage sludge is being dumped at the site and the liquids flows directly to the nearby swamp.



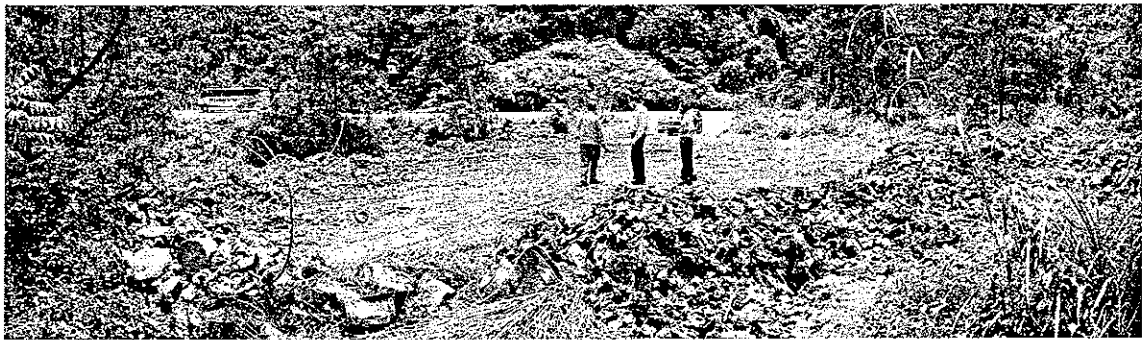
		State	Kelantan
		No.	KL-03
Basic Information			
Name of LA	MD K.Krai Selatan		
Name of Landfill	Sungai Sam		
Location of the Landfill	Km 44, Jalan KK-Gua Musang		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1984	Year Cease Operation	2000
Managed by	Local Authority		
Land ownership	Stateland		
Gazetted	no		
Area	0.25 ha	Waste Disposed daily	2
Reasons for closure	DOE Directive (very close main road)		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	ravine		
Waste Covered	no	(Frequency : final cover only)	
Type of Vegetation	vacant		
Landslide	no		
Soil Subsidence	medium		
Vector and animals	no		
Odor, gas and smoke	medium		
Leachate Quantity	-		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	alluvial		
No of complaints (year)	2		
dist. from Residential	3 km (Sg. Sam)		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	vacant		
Surrounding area	forest reserve		
Ultimate Landuse	no	(Level : no)	
Incl. in Local Development. Plan?	no		
Probability of Development	low		
Distance from town centre (km)	45 km (K.Kerai)		
Remarks			

Photos

	No	KL-03
Local Authority	MD K.Krai Selatan	
Name	Sungai Sam	
Survey date	25-Mar-03	
Comments		

Photos

View from the westend end of the site with the main road at the back.



View from the road. Waste has been dumped down the valley.



View of the slopes overgrown with grass but the waste is still visible.



State	Kelantan
No.	KL-04

Basic Information			
Name of LA	MD K.Krai Selatan		
Name of Landfill	Bukit Tembeling		
Location of the Landfill	Km 41, Jln K. Krai, Gua Musang		
Status of Landfill	operation	(Remaining Life Span : 10)	
Year Start Operation	2000	Year Cease Operation	-
Managed by	Local Authority		
Land ownership	Stateland		
Gazetted	no		
Area	4 ha	Waste Disposed daily	6
Reasons for closure	-		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	ravine		
Waste Covered	yes	(Frequency : 4 X/ year)	
Type of Vegetation	vacant		
Landslide	no		
Soil Subsidence	no		
Vector and animals	noticeable		
Odor, gas and smoke	noticeable(smoke)		
Leachate Quantity	-		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	alluvial		
No of complaints (/year)	no		
dist. from Residential	3 km (Kg Sam)		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	vacant		
Surrounding area	forest reserve		
Ultimate Landuse	no	(Level : no)	
Incl. in Local Development. Plan?	no		
Probability of Development	low		
Distance from town centre (km)	45 km (K.Kerai)		
Remarks			

Photos

	No	KL-04
Local Authority	MD K.Krai Selatan	
Name	Bukit Tembeling	
Survey date	25-Mar-03	
Comments	This site is divided into 3 lots.	

Photos

View of the second lot. Waste is throw down to the valley from the access road.



View of the third lot. This area is the furthest from main road.



View of the first lot which is almost completed.

This lot is only used during the rainy season when the access road is not passable.



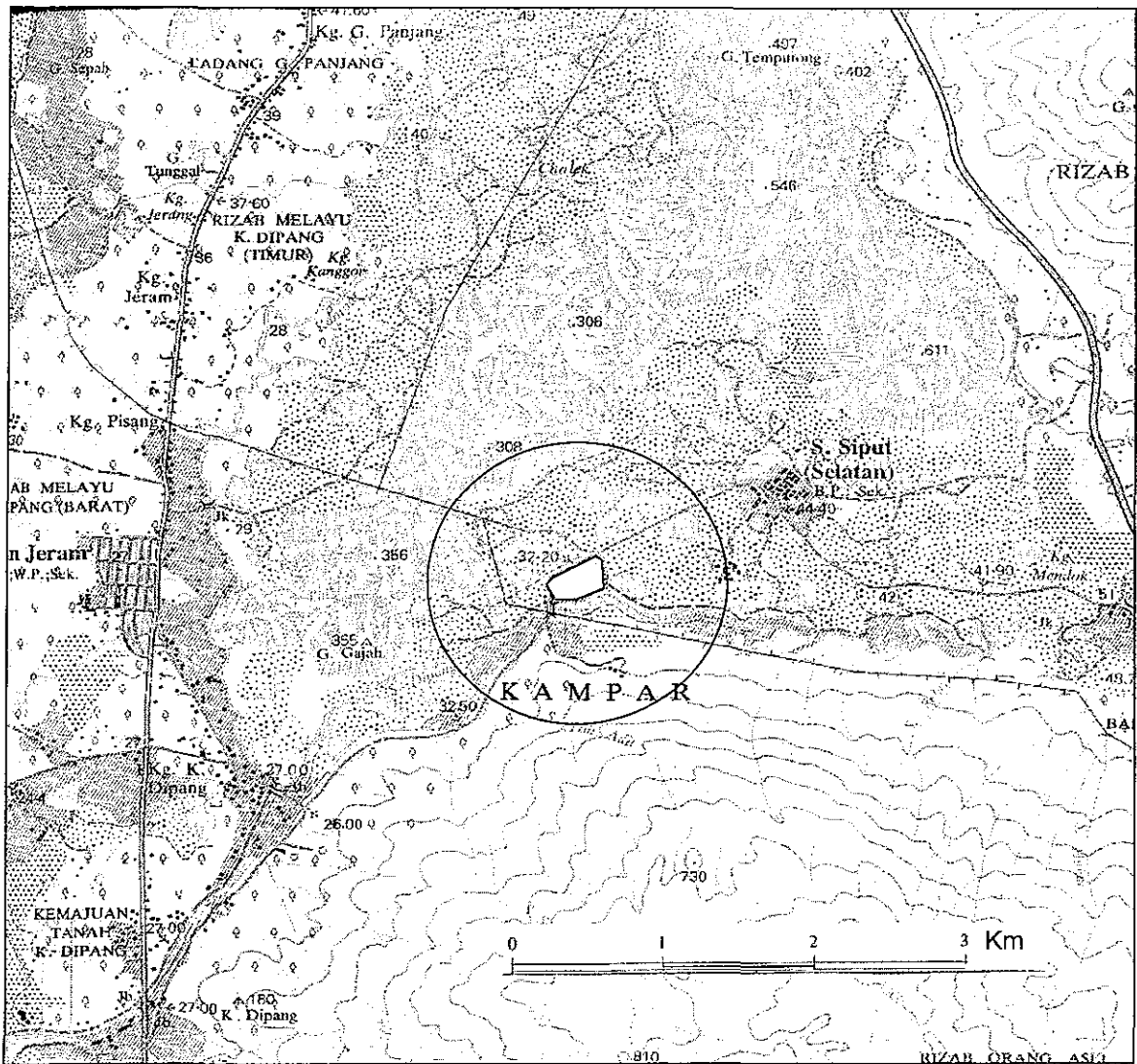
State	Perak
No.	PR-01

Basic Information			
Name of LA	MD Kinta Selatan		
Name of Landfill	Sg. Siput Selatan		
Location of the Landfill	Jln. Kuala Dipang-Kampar		
Status of Landfill	operation	(Remaining Life Span : 25 years)	
Year Start Operation	1989/90	Year Cease Operation	-
Managed by	Local Authority		
Land ownership	Government		
Gazetted	yes		
Area	25 ha	Waste Disposed daily	40-45
Reasons for closure	-		
Remarks			
Environmental Impact Conditions			
Landfill Level	Level 2		
Site Condition	ex-tin mine		
Waste Covered	yes	(Frequency : daily)	
Type of Vegetation	Phase I, grass. Phase II, no vegetation		
Landslide	not noticeable		
Soil Subsidence	not noticeable		
Vector and animals	medium		
Odor, gas and smoke	Phase I -no, Phase II - medium		
Leachate Quantity	not noticeable		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	sand		
No of complaints (/year)	no		
dist. from Residential	>500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	n/a		
Surrounding area	industry/commercial		
Ultimate Landuse	yes	(Level : low)	
Incl. in Local Development. Plan?	yes		
Probability of Development	most probably		
Distance from town centre (km)	5-10km		
Remarks			

Maps

No	PR-01
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Local Authority	MD Kinta Selatan	
Name	Sungai Siput Selatan	
Location	101°10'56"	04°23'30"
Survey date		
Maps		



Comments

Photos

	No	PR-01
Local Authority	MD Kinta Selatan	
Name	Sg. Siput Selatan	
Survey date	10-Mar-03	
Comments		

Photos

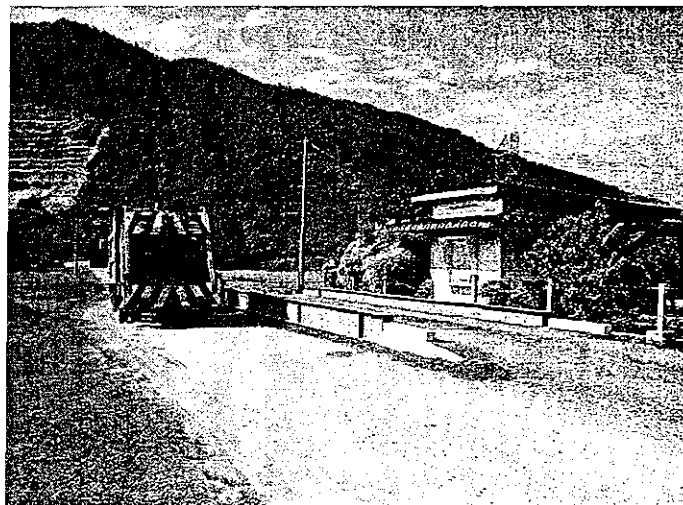
Phase 1



Phase 2



Weighbridge



Gas vent Pipe



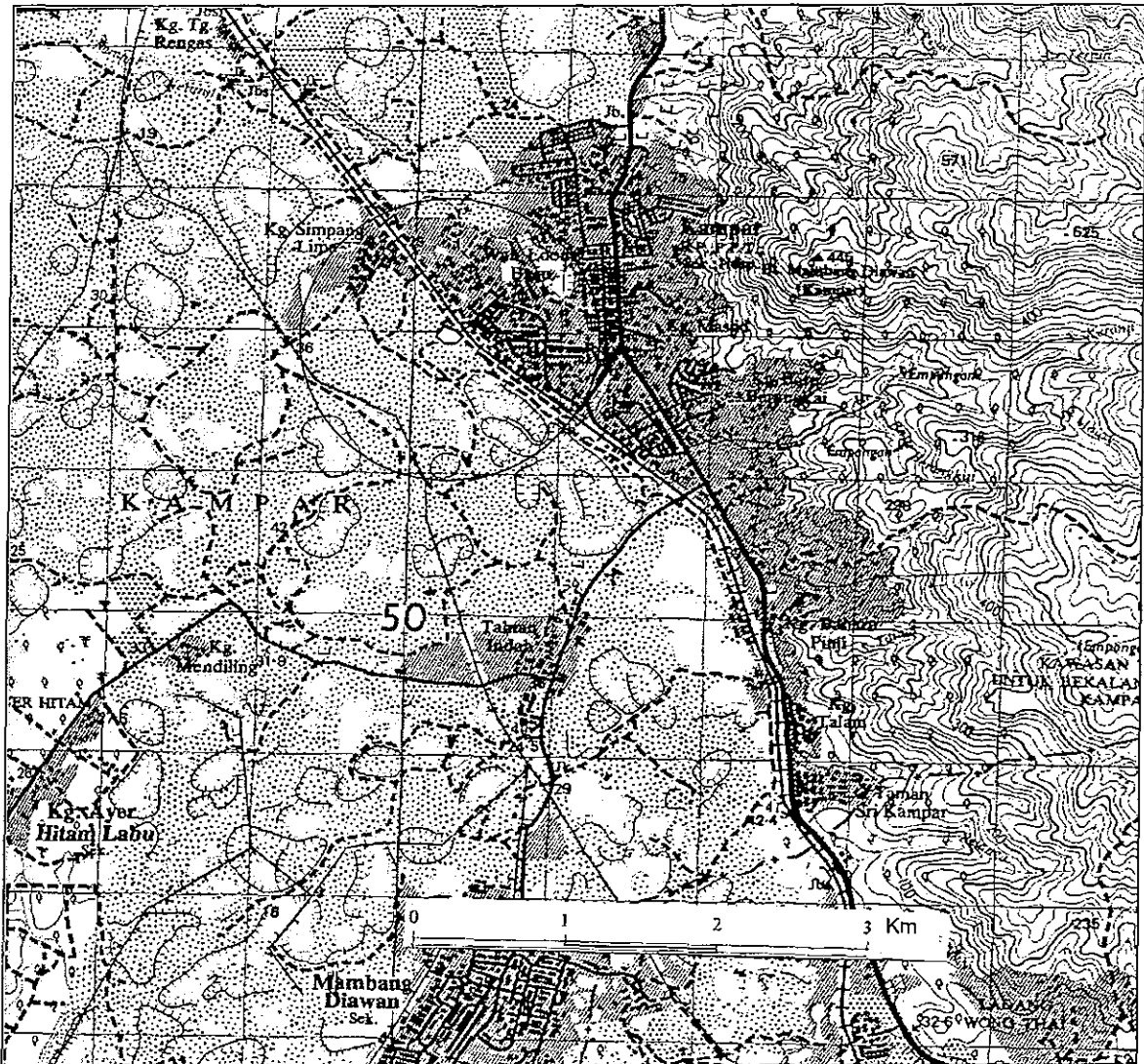
State	Perak
No.	PR-02

Basic Information			
Name of LA	MD Kinta Selatan		
Name of Landfill	Kg. Batu Putih (Kg. Tersusun)		
Location of the Landfill	Jln. Station (next to railway line)		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1980's	Year Cease Operation	n/a
Managed by	Local Authority		
Land ownership	private ownership		
Gazetted	no		
Area	2	Waste Disposed daily	20
Reasons for closure	reached the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	ex-tin mine		
Waste Covered	yes	(Frequency : not sure)	
Type of Vegetation	grass (housing)		
Landslide	not noticeable		
Soil Subsidence	not noticeable		
Vector and animals	not noticeable		
Odor, gas and smoke	not noticeable		
Leachate Quantity	not noticeable		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	alluvial		
No of complaints (/year)	no		
dist. from Residential	<500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	housing		
Surrounding area	housing		
Ultimate Landuse	yes	(Level : high)	
Incl. in Local Development Plan?	yes (Housing plan)		
Probability of Development	already		
Distance from town centre (km)	<5km		
Remarks			

Maps

No	PR-02
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Local Authority	MD Kinta Selatan	
Name	Kampung Batu Putih	
Location	102°08'37"	04°18'36"
Survey date		
Maps		



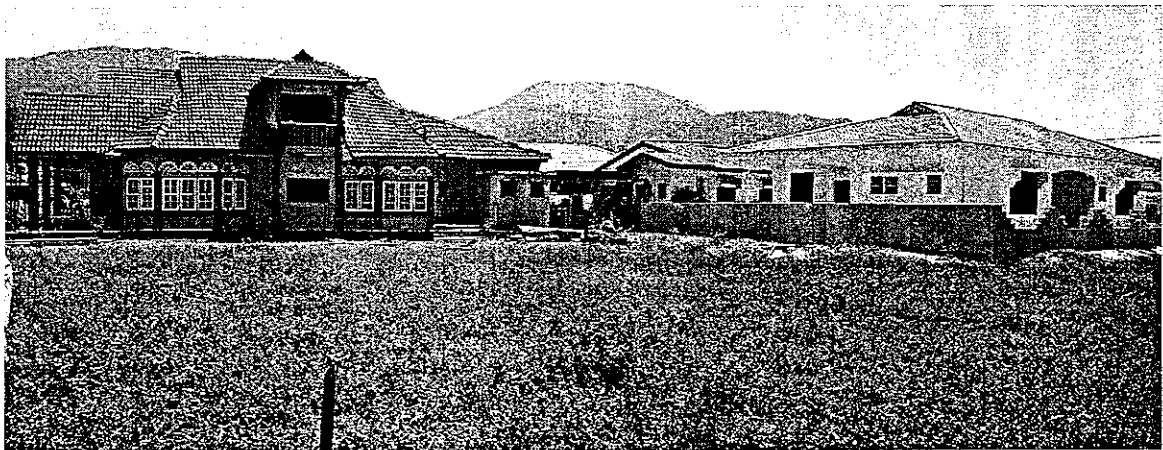
Comments

Photos

No	PR-02
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Local Authority	MD Kinta Selatan
Name	Kg. Batu Putih (Kg. Tersusun)
Survey date	10-Mar-03
Comments	Post closure landfill site is used for housing.

Photos



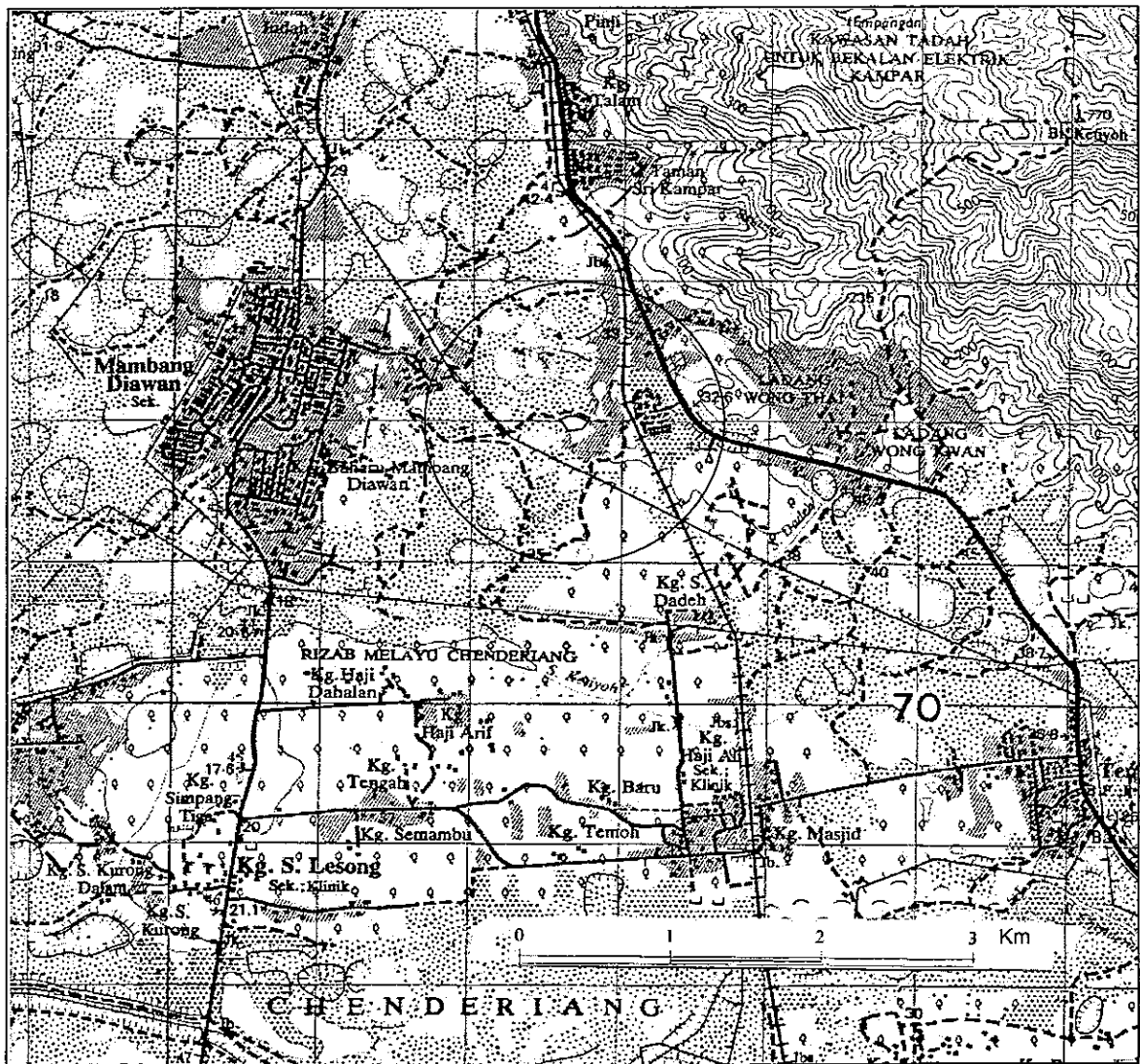
State	Perak
No.	PR-03

Basic Information			
Name of LA	MD Kinta Selatan		
Name of Landfill	Taman Sri Kampar		
Location of the Landfill	-		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1960's	Year Cease Operation	1970's
Managed by	Local Authority		
Land ownership	private ownership		
Gazetted	no		
Area	3-4	Waste Disposed daily	not sure
Reasons for closure	reached the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	valley		
Waste Covered	yes	(Frequency : -)	
Type of Vegetation	-		
Landslide	-		
Soil Subsidence	noticeable		
Vector and animals	-		
Odor, gas and smoke	-		
Leachate Quantity	-		
Location of Intake Point	-		
Distance from Intake Pt	- km)		
Drinking Water Well	-		
Geological Condition	-		
No of complaints (/year)	-		
dist. from Residential	<500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	housing		
Surrounding area	Surrounded by mountains		
Ultimate Landuse	- (Level : -)		
Incl. in Local Development. Plan?	-		
Probability of Development	-		
Distance from town centre (km)	-		
Remarks			

Maps

No	PR-03
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Local Authority	MD Kinta Selatan	
Name	Taman Sri Kampar	
Location	102°10'04"	04°16'54"
Survey date		
Maps		

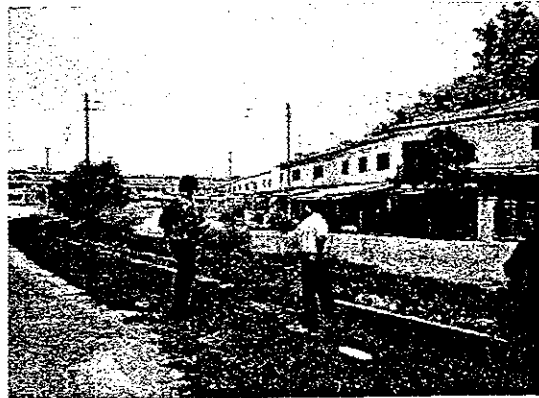
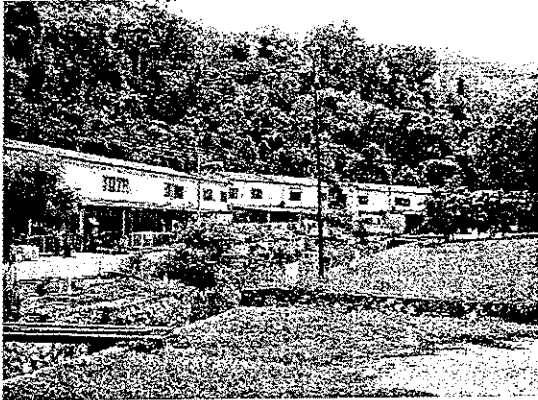


Comments

Photos

		No	PR-03
Local Authority	MD Kinta Selatan		
Name	Taman Sri Kampar		
Survey date	10-Mar-03		
Comments			

Photos

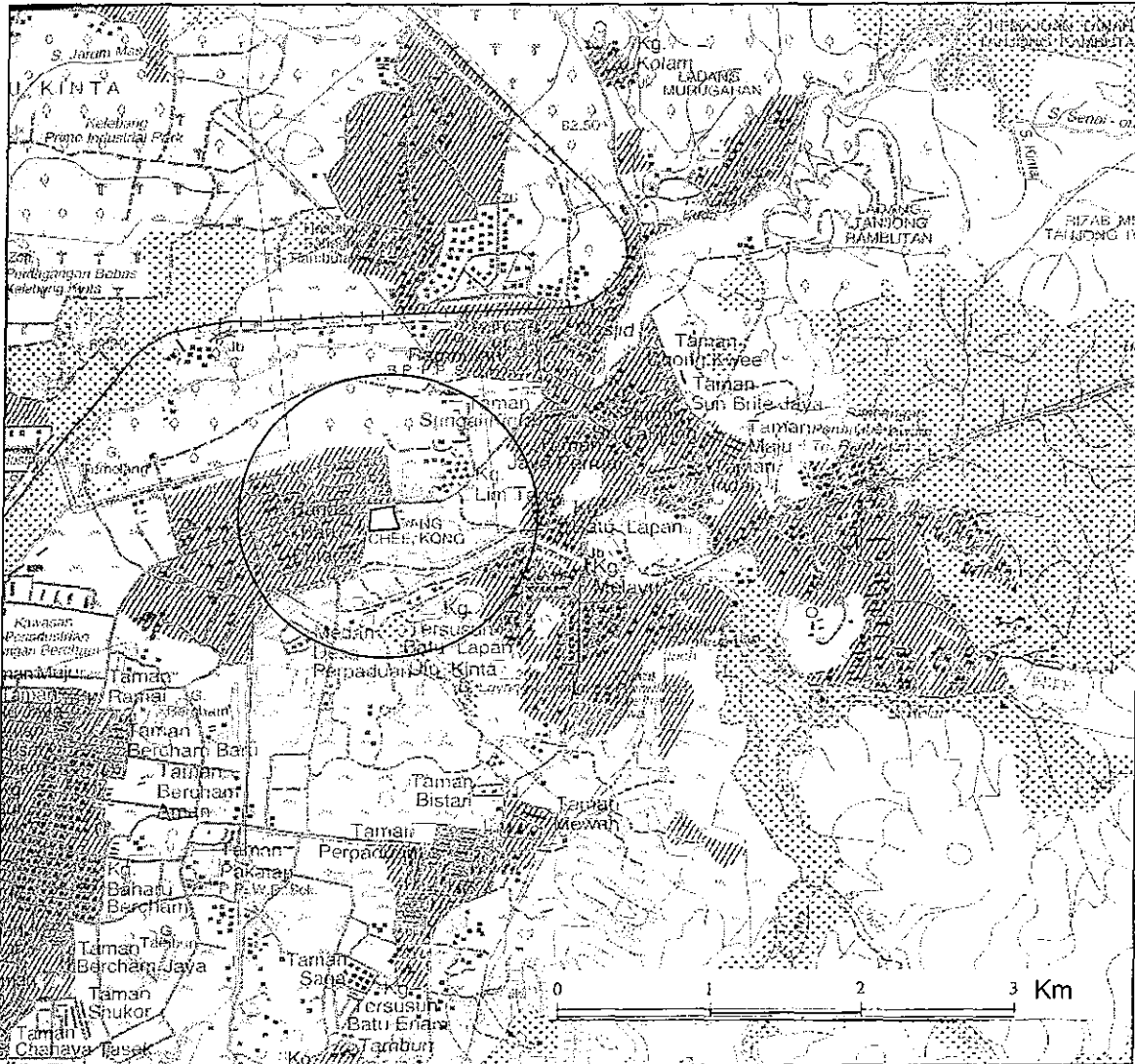


	State	Perak	
	No.	PR-04	
Basic Information			
Name of LA	MB Ipoh		
Name of Landfill	Bercham		
Location of the Landfill	Along Bercham-Tj. Rambutan main road		
Status of Landfill	operation	(Remaining Life Span : 4)	
Year Start Operation	1986	Year Cease Operation	-
Managed by	Contractor		
Land ownership	-		
Gazetted	no		
Area	50	Waste Disposed daily	500 (Peak at 800)
Reasons for closure	na		
Remarks			
Environmental Impact Conditions			
Landfill Level	Level 1		
Site Condition	flatland, ex-mine		
Waste Covered	yes	(Frequency : daily)	
Type of Vegetation	no vegetation (grasses at site already closed)		
Landslide	not noticeable (slope=60 , 18m above ground level)		
Soil Subsidence	not noticeable		
Vector and animals	noticeable		
Odor, gas and smoke	noticeable		
Leachate Quantity	noticeable (Flows to Sg. Choh - Sg. Panji - Sg. Kinta)		
Location of Intake Point	no		
Distance from Intake Pt	20km (Ulu Kinta), 30km (Tanah Hitam) km)		
Drinking Water Well	no		
Geological Condition	sand		
No of complaints (/year)	yes, nearest residents (100m away Kg. Tersusun) complained bad smell		
dist. from Residential	<500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	na		
Surrounding area	housing		
Ultimate Landuse	yes (return (Level : -) to State Gov.)		
Incl. in Local Development. Plan?	no		
Probability of Development	most probably		
Distance from town centre (km)	>10km		
Remarks			

Maps

No	PR-04
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Local Authority	MB Ipoh	
Name	Bercham	
Location	101°09'01"	04°39'22"
Survey date		
Maps		



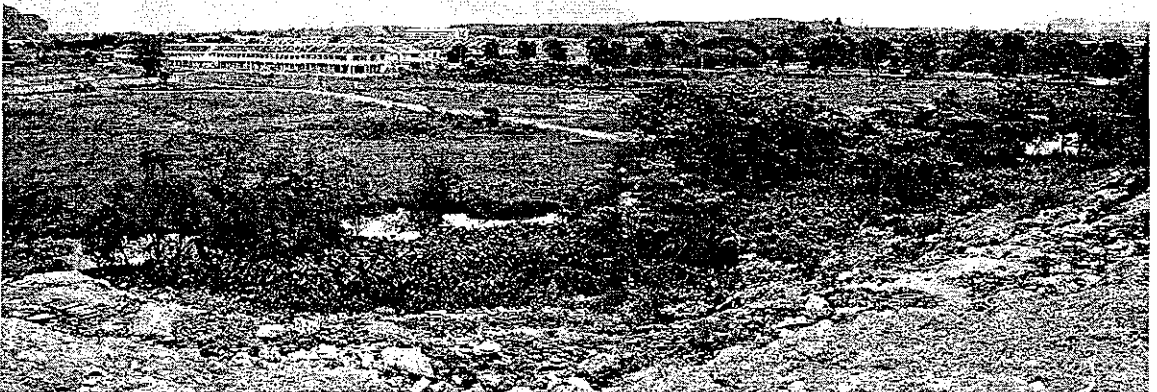
Comments

Photos

No	PR-04
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Local Authority	MB Ipoh
Name	Bercham
Survey date	11-Mar-03
Comments	

Photos



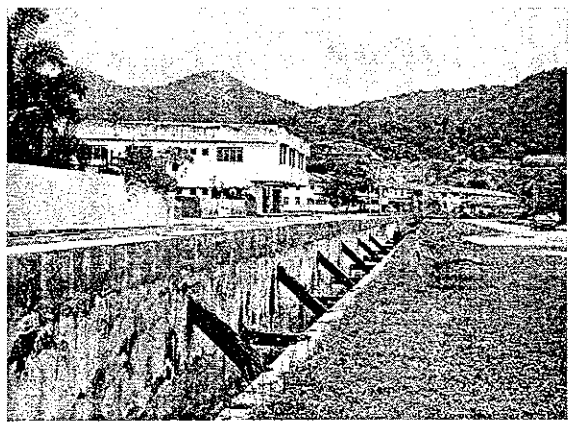
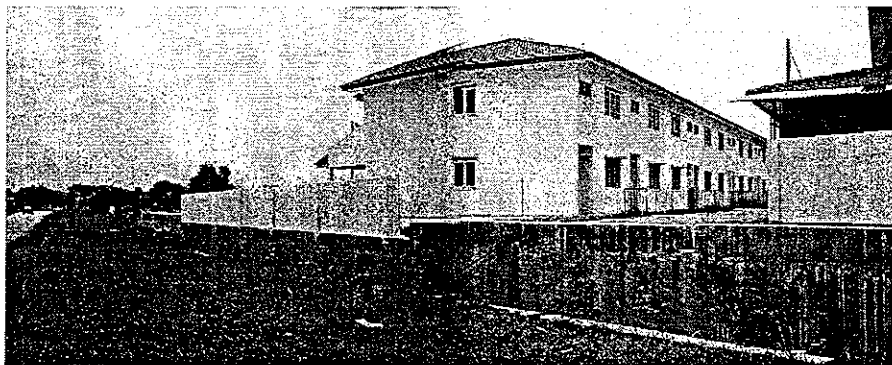
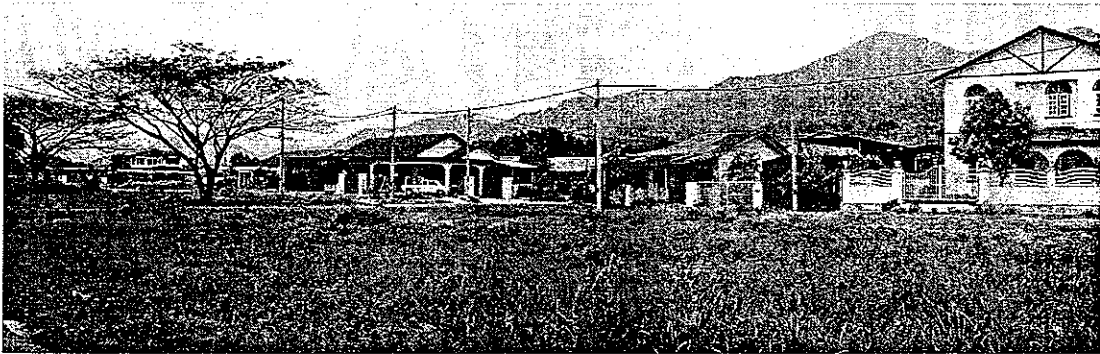
	State	Perak	
	No.	PR-05	
Basic Information			
Name of LA	MB Ipoh		
Name of Landfill	Buntong		
Location of the Landfill	Kg. Tersusun Buntong Tiga		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1970's	Year Cease Operation	1986
Managed by	local authority		
Land ownership	Government		
Gazetted	no		
Area	20	Waste Disposed daily	150-170
Reasons for closure	reached the life span		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping (dumping into mining ponds)		
Site Condition	ex-mine		
Waste Covered	no	(Frequency : not sure)	
Type of Vegetation	grasses		
Landslide	not noticeable		
Soil Subsidence	not noticeable		
Vector and animals	not noticeable		
Odor, gas and smoke	not noticeable		
Leachate Quantity	not noticeable		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	no		
Geological Condition	sand		
No of complaints (/year)	no		
dist. from Residential	<500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	housing		
Surrounding area	housing		
Ultimate Landuse	yes	(Level : high)	
Incl. in Local Development. Plan?	yes		
Probability of Development	already		
Distance from town centre (km)	5-10km		
Remarks			

Photos

No PR-05

Local Authority	MB Ipoh
Name	Buntong
Survey date	11-Mar-03
Comments	Post closure landfill site is used for housing.

Photos

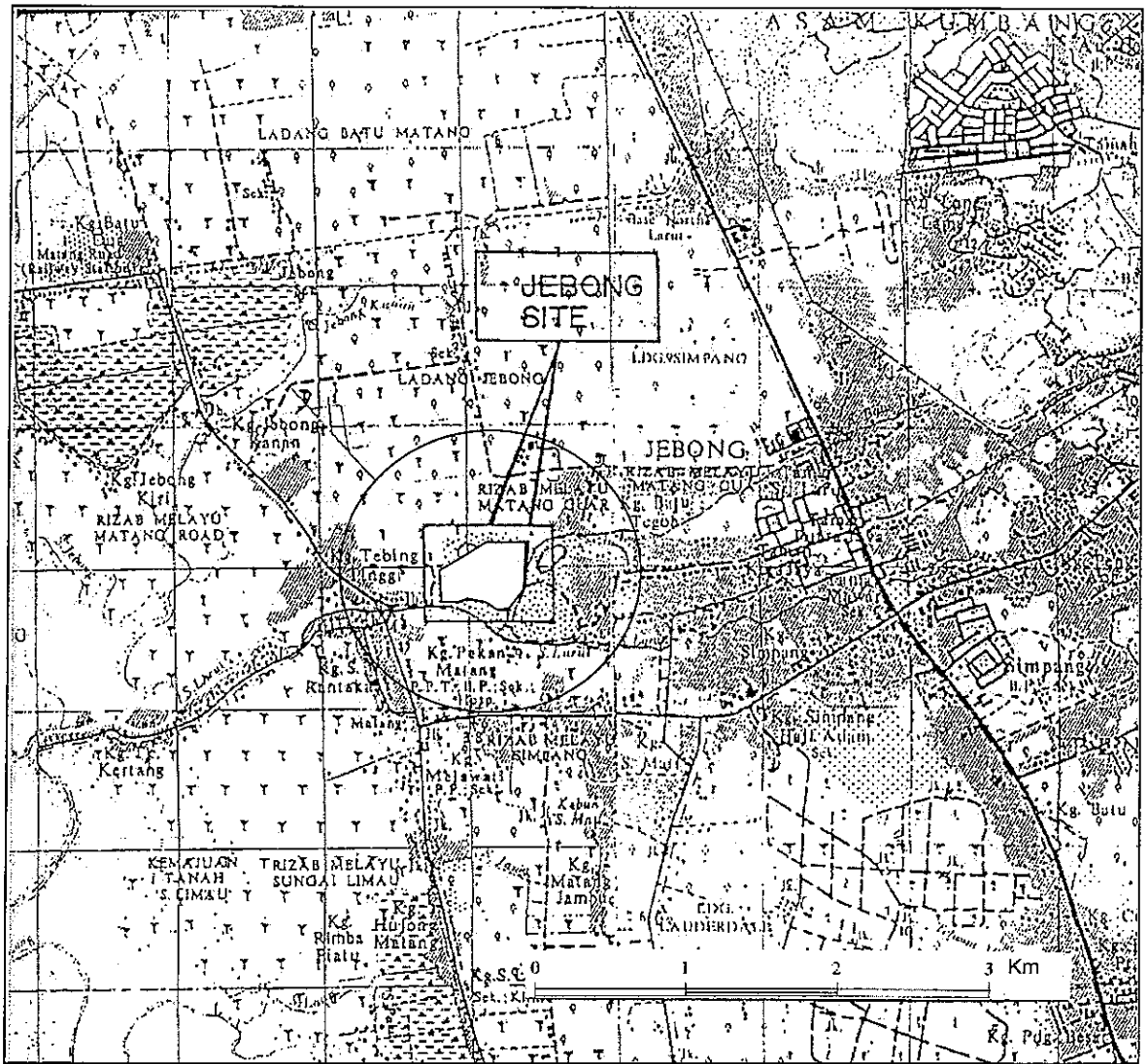


State	Perak
No.	PR-06

Basic Information			
Name of LA	MB Taiping		
Name of Landfill	Jebong		
Location of the Landfill	Lot 1706, Mukim Jebong		
Status of Landfill	operation	(Remaining Life Span : 5)	
Year Start Operation	Dec 2000	Year Cease Operation	-
Managed by	local authority		
Land ownership	Government		
Gazetted	yes		
Area	20 (only 5-8 ha in use for dumping)	Waste Disposed daily	100-200 (no weighbrige)
Reasons for closure	-		
Remarks			
Environmental Impact Conditions			
Landfill Level	Design at Level 3, but operating as Open Dumping		
Site Condition	ex-mine		
Waste Covered	yes, but visibly (Frequency : weekly) very minimal, sand material from outside		
Type of Vegetation	no vegetation		
Landslide	medium, height abt. 5m, slope abt. 70-80deg at one end		
Soil Subsidence	not noticeable		
Vector and animals	noticeable (migrating birds perching on trees)		
Odor, gas and smoke	noticeable (smell, no smoke)		
Leachate Quantity	noticeable (along boundary drainage and flow to Sg. Larut)		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	<500m (a squatter area around dumping site)		
Geological Condition	sand		
No of complaints (/year)	yes (surrounding villages (illegal) oppose dumpsite on Dec 2000)		
dist. from Residential	<500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	-		
Surrounding area	vacant, housing		
Ultimate Landuse	yes	(Level : midium use, propose theme park)	
Incl. in Local Development. Plan?	yes		
Probability of Development	most probably		
Distance from town centre (km)	>10km (12km)		
Remarks			

Maps

	No	PR-06
Local Authority	MB Taiping	
Name	Jebong	
Location	100°40'45"	04°49'22"
Survey date		
Maps		



Comments

Photos

No	PR-06
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Local Authority	MB Taiping
Name	Jebong
Survey date	12-Mar-03
Comments	

Photos

Landscape of the site. Gas pipe is not installed at operation place.



Leachate pour into the river.



State	Perak
No.	PR-07

Basic Information			
Name of LA	MB Taiping		
Name of Landfill	Tekkah Jaya		
Location of the Landfill	Kamunting Industrial Estate		
Status of Landfill	closed	(Remaining Life Span : -)	
Year Start Operation	1980's	Year Cease Operation	1999
Managed by	local authority		
Land ownership	government, developed by local contractor		
Gazetted	no		
Area	40 (dumping ground scattered around)	Waste Disposed daily	-
Reasons for closure	move to a new improved site		
Remarks			
Environmental Impact Conditions			
Landfill Level	open dumping		
Site Condition	flatland, ex-mine		
Waste Covered	no	(Frequency : -)	
Type of Vegetation	grasses and bushes		
Landslide	not noticeable		
Soil Subsidence	medium		
Vector and animals	noticeable (illegal farming of duck and fish)		
Odor, gas and smoke	not noticeable		
Leachate Quantity	not noticeable		
Location of Intake Point	no		
Distance from Intake Pt	- km)		
Drinking Water Well	-		
Geological Condition	sand		
No of complaints (/year)	yes (2 fire incidents)		
dist. from Residential	>500m		
Remarks			
Land Utilisation after closure			
Existing Land Utilization	industry		
Surrounding area	industry		
Ultimate Landuse	yes	(Level : high)	
Incl. in Local Development. Plan?	yes		
Probability of Development	most probably		
Distance from town centre (km)	5-10km		
Remarks			

Photos

No	PR-07
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Local Authority	MB Taiping
Name	Tekkah Jaya
Survey date	12-Mar-03
Comments	

Photos

Postclosure landfill site is used for factories.

