

REVIEWING OF EIA REPORT WITHIN 3 WEEKS (WORKING DAYS) BY THE DEPARTMENT OF ENVIRONMENT (DOE), FOR SELECTED PRESCRIBED ACTIVITIES

Dear Sir/ Madam,

Kindly be informed of the following improvement on the EIA procedure, **starting from 16 November 2012:-**

1. The EIA reviewing time (DOE's client charter) for the subsequent prescribed activities is reduced from 5 weeks (25 working days) to **3 weeks (15 working days)**, starting from the date of the EIA report including a completed checklist (self assessment) are received (via mail or hand delivered) and recorded at the DOE's office:-
 - a. Activity 7: Housing development covering an area of 50 hectares or more" and/or "Activity 9(e) Construction of New Township;
 - b. Activity 18c(i): Municipal Sewage: Construction Of Wastewater Treatment Plant;
 - c. Activity 8(a): Chemical - where production capacity of each product or of combined products is greater than 100 tonnes/day
 - d. Activity 18(a)(ii): Construction of Recovery Plant (Off-Site)" and "Activity 18(a)(v): Construction of Storage Facility (Off-Site)
2. The **qualifying criteria** for the above mentioned prescribed activities to undergo the 3 weeks EIA reviewing procedure are shown in **Appendix 1**.
3. The implementation of this procedure is through the following modus operandi:-
 - a. Begins with the application of the Preliminary Site Assessment (*Penilaian Awal Tapak*, PAT) for any of the prescribed activities mentioned in paragraph 1, using the new PAT form (AS-PAT 1-12) which is received at the DOE State Office on 16 November 2012 onwards. Any EIA reports received at the DOE office with PAT comments dated before 16 November 2012, will be reviewed through the 5 weeks client charter.

- b. Inputs/comments on the site for the proposed project must be obtained by the project proponent from the relevant agencies during the PAT application ie. before the submission of AS-PAT 1-12 form to the DOE.
 - c. The EIA report prepared by the EIA consultant must be self-assessed by the EIA Consultant, using specific checklist before submitting the EIA Report to DOE for final decision.
 - d. Inputs/comments on the EIA study components and EIA report for the proposed project must be obtained by the project proponent/EIA consultant from the relevant agencies (based on critical issues) during the preparation of the EIA report ie. before the submission of the EIA report together with the completed checklist.
 - e. The 3 weeks (15 working days) client charter/reviewing time starts from the date of the EIA report including a completed checklist (self assessment) are received (via mail or hand delivered) and recorded at the DOE's office:-
 - f. There will be no One Stop Agency (OSA) meeting at the DOE Office taking into consideration that issues from the relevant agencies have been dealt with during Self Assessment process by the EIA Consultant.
4. The AS-PAT 1-12 Form is shown in **Appendix 2** and can be downloaded from the DOE's website at www.doe.gov.my.
5. The specific checklists for self assessment for each prescribed activity are in **Appendices 3 to 6** and can be downloaded from the DOE's website at www.doe.gov.my.

Thank you,

Secretariat
EIA Consultant Registration Scheme
Department of Environment Malaysia

Appendix 1

The **qualifying criteria** for the above mentioned prescribed activities to undergo the 3 weeks EIA reviewing procedure:

- a. Preliminary EIA Procedure.
- b. **“Activity 7: Housing development covering an area of 50 hectares or more” and “Activity 9(e) Construction of New Township”.**

The qualifying criteria for Activity 7 and 9(e) subjected to the 3 weeks Preliminary EIA processing procedure are:-

- (i) Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
- (ii) Proposed project is not located:-
 - in/adjacent to environmentally sensitive areas (refer to National Physical Plan).
 - at the upstream of water intake,
 - on hill land (150m–300m height) or highland (300m-1,000m height), Class III slope (25-35 degrees) and Class IV slope (more than 35 degrees).
- (iii) Proposed new township, only with light industries.
- (iv) No blasting activities involved.

- c. **“Activity 18c(i): Municipal Sewage: Construction Of Wastewater Treatment Plant”.**

The **qualifying criteria** for **Activity 18c(i)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-

- (i) Regional Plant;
- (ii) Regional Plant Upgrading;
- (iii) Area is gazetted as sewerage reserve;
- (iv) Enough/adequate buffer zone according to National Water Services Commission (Suruhanjaya Perkhidmatan Air Negara, SPAN) guidelines;
- (v) Not in flood prone area;
- (vi) Not in area which require geotechnical study;
- (vii) In line with local structure and local plan;
- (viii) Discharge point is 5 km upstream of water intake;
- (ix) Do not involve international water course/ transboundary conflict.

d. **“Activity 8(a): Chemical - where production capacity of each product or of combined products is greater than 100 tonnes/day”**

The **qualifying criteria for Activity 8(a)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-

- (i) Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
- (ii) Proposed project is located at gazetted industrial area with adequate buffer zone between project boundary to the nearest sensitive receptor.
- (iii) Proposed project is compatible with the surrounding activities, within 250 meter radius from project boundary.
- (iv) Proposed project does not involve the use of radioactive material(s) and the generation of radioactive waste(s).

e. **“Activity 18(a)(ii): Construction of Recovery Plant (Off-Site)” and “Activity 18(a)(v): Construction of Storage Facility (Off-Site)”**

The **qualifying criteria for Activity 18(a)(ii) and 18(a)(v)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-

- (i) Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
- (ii) Proposed project is located at gazetted industrial area with adequate buffer zone between project boundary to the nearest sensitive receptor.
- (iii) Proposed project is compatible with the surrounding activities, within 250 meter radius from project boundary.
- (iv) For proposed off-site recovery plant:-
 - ✓ proposed recovery process does not involve heating/smelting/thermal process at high temperature;
 - ✓ proposed activity does not involve recovery of lead acid batteries;
 - ✓ the categories of scheduled wastes and recovery processes (except for processes mentioned in 4(a) and 4(b) above) are those which have been licensed by the Department of Environment and operate without environmental problem.
- (v) For proposed off-site storage facility:-
 - ✓ only for the storage of scheduled wastes to be sent for recovery at DOE licensed off-site recovery facility;
 - ✓ operated by the company/owner of the licensed off-site recovery facility;
 - ✓ no processing involved;
 - ✓ the maximum storage quantity/capacity must not exceed the maximum quantity/capacity of the licensed off-site recovery facility.

BORANG AS PAT 1-12
PENILAIAN AWAL TAPAK BAGI PROJEK PEMBANGUNAN
AS PAT 1-12 FORM
PRELIMINARY SITE ASSESSMENT FOR DEVELOPMENT PROJECT

Nota:

Note:

- a. Sila tandakan “√” di dalam kotak, yang mana berkenaan.
Tick “√” in the box, where appropriate .
- b. Bahagian A hingga I untuk dilengkapkan oleh pemohon, yang mana berkenaan.
Parts A to I are to be completed by applicant, where appropriate.
- c. Sila kemukakan borang permohonan PAT ini kepada Jabatan Alam Sekitar Negeri yang berkenaan setelah Bahagian I dilengkapkan.
Please submit this PAT application form to the relevant Department of Environment State Office upon the completion of Part I.
- d. Bahagian J untuk kegunaan Jabatan Alam Sekitar.
Part J is for DOE use.
- e. Salinan dokumen yang disertakan hendaklah disahkan benar.
Attached document must be certified true copy.

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

A. JENIS PERMOHONAN
TYPE OF APPLICATION

1. **Bukan Aktiviti Yang Ditetapkan (Bukan EIA)**
Non Prescribed Activity (Non EIA)
Jenis pembangunan:
Type of development:

2. **Aktiviti Yang Ditetapkan (EIA) di bawah Perintah**
Kualiti Alam Sekeliling (Aktiviti Yang Ditetapkan)
(Penilaian Kesan Kepada Alam Sekeliling), 1987,
Akta Kualiti Alam Sekeliling, 1974.
Prescribed Activity (EIA) listed under the Environmental
Quality Order (Prescribed Activity)(Environmental
Impact Assessment), 1987, Environmental Quality Act,
1974
 - a. **Jenis Aktiviti EIA** (nyatakan Aktiviti Yang Ditetapkan)
Types of EIA Activity (state the Prescribed Activity)

Maklumat Lengkap Complete Information	Maklumat Tidak Lengkap Incomplete Information
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

b. **Jenis Prosedur EIA:**

Type of EIA Procedure:

(i) EIA Awal (PEIA).

Preliminary EIA (PEIA).

- PEIA – piagam 5 minggu.
PEIA – 5 weeks client charter.
- PEIA – piagam 3 minggu
PEIA – 3 weeks client charter

(ii) EIA Terperinci (DEIA)

Detailed EIA (DEIA)

Maklumat Lengkap Complete Information	Maklumat Tidak Lengkap Incomplete Information
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:

**B. PENGENALAN
INTRODUCTION**

3. **Tajuk Cadangan Projek/Aktiviti:**

Project/Activity Title:

**C. MAKLUMAT PEMOHON/ PERUNDING
INFORMATION ON APPLICANT/ CONSULTANT**

4. **Maklumat Pemohon:**

Information on Applicant:

a. Nama Pemohon/Syarikat:

Name of Applicant/Company:

b. Alamat Pejabat:

Office Address:

c. Telefon: _____ Faks: _____

Telephone: Fax:

d. E-mel: _____

E-mail

*Sila keipilkan salinan Sijil Pendaftaran Syarikat.

*Kindly attach a copy of Registration of Company Certificate (ROC).

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

5. **Maklumat Perunding (sekiranya berkaitan):**
Information on Consultant (if applicable):

a. Nama Perunding/Syarikat Perunding:
Name of Consultant/Company:

e. Alamat Pejabat:
Office Address:

f. Telefon: _____ Faks: _____
Telephone: Fax:

g. E-mel: _____
E-mail

D. MAKLUMAT TAPAK CADANGAN PROJEK
INFORMATION ON THE PROPOSED PROJECT SITE

6. **Lokasi Tapak:**
Site Location:

a. No. Lot/ PT: _____
Lot number/PT:

b. Mukim/Daerah/Negeri: _____
Territory/District/State:

c. Koordinat tapak:
Site coordinate:

Longitud <i>Longitude</i>	Latitud <i>Latitude</i>

d. Pelan lokasi tapak (lampirkan)
Site location plan (attach)

e. Pelan Susunatur Projek (lampirkan)
Project Layout Plan (attach)

7. **Status dan Hakmilik Tanah:**
Land Status and Entitlement:

a. Syarat Nyata Tanah: _____
(sertakan salinan dokumen Syarat Nyata Tanah)
Land Title: (attach a copy of the Land Title document)

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
b. <i>Power of Attorney (PA)</i> (Sertakan salinan dokumen PA yang berkenaan) <i>Power of Attorney (PA) (Kindly attach a copy of the PA document)</i>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
8. Keluasan Keseluruhan Tapak Cadangan Projek: <i>Total Area for the Proposed Project Site:</i> _____	<input type="checkbox"/> Ulasan: <i>Comment:</i>
9. Guna Tanah berdasarkan Zon Perancangan: <i>Land Use in accordance to the Planning Zone:</i> a. Zon Perancangan: _____ <i>Planning Zone:</i> b. Rancangan Struktur/Tempatan/ Rancangan Kawasan Khas (RKK): <i>Structure Plan/Local/Special Planning Area:</i> _____ c. No. Blok Perancangan: _____ <i>Planning Block No:</i> (Rujukan daripada Pelan Perancangan oleh Jabatan Perancang Bandar dan Desa Negeri atau Pihak Berkuasa Tempatan yang berkenaan) <i>(Reference made to the Planning document by the Department of Town and Country Planning or the relevant Local Municipal Council)</i> d. Guna tanah tapak cadangan projek: <ul style="list-style-type: none"> (i) Perumahan, <i>Housing</i>. <input type="checkbox"/> (ii) Pertanian, <i>Agriculture</i>. <input type="checkbox"/> (iii) Perindustrian, <i>Industrial</i>. <input type="checkbox"/> (Rujuk Garispanduan <i>Siting and Zoning of Industries and Residential Area</i> , terbitan Jabatan Alam Sekitar) (refer to the <i>Guidelines for the Siting and Zoning of Industries and Residential Area</i> by the Department of Environment) (iv) Lain-lain Gunatanah (nyatakan): <i>Other Land Use (state):</i> _____ _____	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

- e. Guna tanah sekeliling berdasarkan Zon Perancangan.
(dalam lingkungan sekurang-kurangnya 500 meter jejari dari sempadan cadangan projek)

Surrounding land use in accordance to the Planning Zone: (at least 500 meter radius from the boundary of the proposed project)

- (i) Perumahan, *Housing*.
- (ii) Pertanian, *Agriculture*.
- (iii) Perindustrian, *Industrial*.
- (Rujuk Garispanduan *Siting and Zoning of Industries and Residential Area*, terbitan Jabatan Alam Sekitar)
(refer to the *Guidelines for the Siting and Zoning of Industries and Residential Area by the Department of Environment*)
- (iv) Lain-lain Gunatanah (nyatakan):
Other Land Use (state):

- f. Berdasarkan Zon Perancangan dan keadaan sekeliling, nyatakan jarak terdekat di antara sempadan tapak cadangan projek dengan:

Based on the Planning Zone and surrounding environment, please state the nearest distance between the project boundary to the:

- (i) penempatan penduduk: jarak _____
residential: distance
- (ii) sekolah: jarak _____
school: distance
- (iii) klinik kesihatan: hospital, jarak _____
Health clinic, hospital: distance
- (iv) paya bakau: jarak _____
mangrove: distance
- (v) kawasan RAMSAR _____:
jarak _____
RAMSAR site: distance
- (vi) kawasan wetland _____:
jarak _____
Wetland area: distance
- (vii) Taman Laut _____:
jarak _____
Marine Park: distance

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

- (viii) kawasan sensitif ekosistem marin (contoh: rumput laut, karang dan sebagainya) –nyatakan _____: jarak: _____
sensitive marine ecosystem (eg: sea grass, corals etc.) –state: distance
- (ix) Taman Negara _____: jarak _____
National Park: distance
- (x) kawasan industri _____: jarak _____
industrial area : distance
- (xi) Lain-lain (nyatakan): _____: jarak _____
Others (state): distance

**E. MAKLUMAT CADANGAN PROJEK
INFORMATION ON PROPOSED PROJECT**

10. Cadangan projek adalah selaras dengan:
Proposed project is in line with:

- a. Rancangan Fizikal Negara terkini (RFN) terbitan Jabatan Perancang Bandar dan Desa.
Latest version of the National Physical Plan by Federal Department of Town and Country Planning.
- b. Rancangan Struktur Negeri (RSN) _____
State Structure Plan (RSN)
- c. Rancangan Tempatan (RT) _____
Local Plan (RT)
- d. Zon Perancangan _____
- e. Rancangan Kawasan Khas (RKK) _____
Special Planning Area (RKK)
- f. *Perjanjian Kerajaan Malaysia dengan syarikat Kualiti Alam Sdn Bhd mengenai pengolahan dan pelupusan buangan terjadual.
**Agreement between the Government of Malaysia and Kualiti Alam Sdn Bhd for the treatment and disposal of scheduled wastes.*
- g. Garispanduan Perancangan Pembangunan di Kawasan Bukit dan Tanah Tinggi, terbitan Kementerian Perumahan Kerajaan Tempatan (KPKT)
Guidelines on the Development Planning at Hilly Area and Highland, by the Ministry of Housing and Local Government (KPKT).
- h. *Perjanjian Kerajaan Malaysia dengan syarikat pelupusan buangan klinikal (bagi hospital Kerajaan).
**Agreement between the Government of Malaysia and Concessionaires for the disposal of clinical wastes (Government hospitals)*

*: Semakan akan dijalankan oleh Jabatan Alam Sekitar.
*: Verification by the Department of Environment.

Maklumat Lengkap Complete Information	Maklumat Tidak Lengkap Incomplete Information
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: Comment:
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

- i. *Guidelines for the Siting And Zoning of Industries And Residential Area* Terbitan JAS.
Guidelines for the Siting And Zoning of Industries And Residential Area by DOE.
- j. Rancangan Fizikal Zon Persisiran Pantai Negara oleh Jabatan Perancang Bandar dan Desa.
National Coastal Zone Physical Plan by Federal Department of Town and Country Planning.
- k. *Integrated Shoreline Management Plan (ISMP)* yang berkenaan.
Relevant Integrated Shoreline Management Plan (ISMP.)
- l. Pelan-pelan lain yang berkaitan.
Other related plans.

UNTUK KEGUNAAN JABATAN ALAM SEKITAR (FOR DOE USE)

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/>
	Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/>
	Ulasan: <i>Comment:</i>

11. **Pelan Konsep** (sekiranya berkaitan)
Conceptual Plan (if applicable)
- a. Teknologi Hijau
Green Technology
 - b. *Best Available Technology (BAT)*

Nota:
Note:

- ✓ Sila teruskan ke Bahagian F, sekiranya projek pembangunan adalah berasaskan industri.
For industrial-based development projects, kindly proceed to Part F.
- ✓ Sila teruskan ke Bahagian G sekiranya projek pembangunan tidak melibatkan pembangunan industri.
For non industrial development projects, kindly proceed to Part G.

**F. MAKLUMAT CADANGAN PROJEK BAGI INDUSTRI
INFORMATION ON PROPOSED INDUSTRIAL PROJECT**

UNTUK KEGUNAAN JABATAN ALAM SEKITAR (FOR DOE USE)

12. **Maklumat Operasi
Information on Operation**

- a. Senarai bahan-bahan mentah yang digunakan
List of raw materials used

Bahan Mentah <i>Raw materials</i>	Kuantiti/hari <i>Quantity/day</i>
_____	_____
_____	_____
_____	_____
_____	_____

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/>
	Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

- b. Senarai bahan-bahan kimia yang digunakan
List of chemicals used

Bahan Kimia <i>Chemicals</i>	Kuantiti/hari <i>Quantity/day</i>	<input type="checkbox"/>
_____	_____	
_____	_____	
_____	_____	
_____	_____	

- c. Senarai hasil pengeluaran
List of products

Hasil Pengeluaran <i>Products</i>	Kuantiti/hari <i>Quantity/day</i>	<input type="checkbox"/>
_____	_____	
_____	_____	
_____	_____	
_____	_____	

- d. Senarai barang yang disimpan (bagi cadangan
permohonan gudang sahaja)
*List of goods stored (only for proposed warehouse
application)*

Barangan <i>Goods</i>	Kuantiti/bulan <i>Quantity/month</i>	<input type="checkbox"/>
_____	_____	
_____	_____	
_____	_____	
_____	_____	

13. **Jadual Operasi**
Schedule of Operation

- a. **Masa Operasi**
Hours of Operation

Purata <i>Average</i>	Maksimum <i>Maximum</i>	
_____	_____	

- b. **Bilangan Hari Operasi**
Days of Operation

Purata <i>Average</i>	Maksimum <i>Maximum</i>	
_____	_____	

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

14. Huraian Proses Pengeluaran

Description of Production Processes

Terangkan secara terperinci proses pengeluaran dan lampirkan carta alir proses yang berkaitan.

Describe in detail all production processes and attach relevant flow diagrams

15. Maklumat Mengenai Bekalan Bahanapi

Fuel Supply and Energy Information

a. Penggunaan Bahan Api

Fuel Consumption

<u>Alat</u> <i>Equipment</i>	<u>Bilangan</u> <i>Quantity</i>	<u>Jenis</u> <u>Bahanapi</u> <i>Types of Fuel</i>	<u>Kuantiti</u> <u>Kg/jam</u> <i>Quantity</i> <i>Kg/hour</i>
(i) Dandang: <i>Boiler</i>	_____	_____	_____
(ii) Dapur: <i>Cooker/Oven</i>	_____	_____	_____
(iii) Janakuasa: <i>Generator</i>	_____	_____	_____
(iv) Insinerator: <i>Incinerator</i>	_____	_____	_____
(v) Lain-lain: (nyatakan) <i>Others (specify)</i>	_____	_____	_____

16. Maklumat Mengenai Penggunaan Air Proses

Process Water usage Information

<u>Punca</u> <i>Source</i>	Kuantiti purata sehari(meterpadu) <i>Average Quantity Per Day (cubic meter)</i>
_____	_____
_____	_____
_____	_____
_____	_____

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

17. Maklumat Mengenai Pencemaran
Information on Pollution

- a. Dari rajah aliran bagi semua proses pengeluaran, tunjukkan tempat pelepasan pencemaran dan jenisnya.
From the flow diagrams attached, show the points of emission/ discharge and types of pollutants emitted.

Tempat Pelepasan <i>Points of Emission/ Discharge</i>	Jenis Pencemar <i>Types of Pollutants</i>	Kuantiti <i>Quantity</i>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

- b. Sisa pepejal/ buangan terjadual
Solid wastes/ scheduled wastes

- (i) Adakah pembangunan projek menghasilkan:
Does the project generate any:

- sisa pepejal? Ya Tidak
solid wastes? Yes No
- buangan terjadual? Ya Tidak
scheduled wastes? Yes No

- (ii) Jika ya, nyatakan kaedah pelupusan dan tempat pelupusan.
If yes, specify the type of disposal and the location

- | | <u>Kaedah</u>
<u>Pelupusan</u>
<i>Type of Disposal</i> | <u>Tempat</u>
<u>Pelupusan</u>
<i>Location</i> |
|---|--|--|
| • sisa pepejal _____
<i>solid waste</i> | _____ | _____ |
| • buangan _____
terjadual
<i>scheduled wastes</i> | _____ | _____ |

- c. Alat-alat yang mengeluarkan bunyi bising. (sekiranya berkenaan):
Noise emitting equipment used in the factory (if relevant)

Alat/Equipment

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

**G. PENGAKUAN OLEH PEMOHON
DECLARATION BY APPLICANT**

18. Saya yang bertandatangan di bawah ini mengaku bahawa segala maklumat yang diberi dalam borang ini adalah benar dan betul sepanjang pengetahuan saya.
I, the undersigned, certify that the information given in this application form is to the best of my knowledge is true and correct.

Nama Pemohon: _____
Name of Applicant:

Tandatangan: _____
Signature:

Jawatan: _____
Designation:

Tarikh : _____
Date:

Cop syarikat : _____
Company stamp:

**H. ULASAN OLEH AGENSI BERKAITAN
COMMENTS FROM RELEVANT AGENCIES**

19. **Ulasan oleh Jabatan Perancang Bandar dan Desa Ibu Pejabat** (sekiranya berkaitan dokumen Rancangan Fizikal Negara)

Comments from the Federal Department of Town and Country Planning (if related to National Physical Plan)

- Sekiranya cadangan projek adalah penambakan laut, atau dicadangkan di kawasan sensitif alam sekitar, di kawasan *Central Forest Spine (CFS)* atau lain-lain pembangunan yang berkaitan.
- *For proposed land reclamation project or project proposed at environmental sensitive area, at Central Forest Spine (CFS) or other related developments.*

a. Lampirkan surat/ulasan dan pengesahan yang berkaitan dari Jabatan Perancang Bandar dan Desa (JPBD) Ibu Pejabat.

Attach relevant letter/comment and endorsement from the Federal Department of Town and Country Planning.

Maklumat Lengkap <i>Complete Information</i>	Maklumat Tidak Lengkap <i>Incomplete Information</i>
<input type="checkbox"/>	<p style="text-align: center;"><input type="checkbox"/></p> <p>Ulasan: <i>Comment:</i></p>
<input type="checkbox"/>	<p style="text-align: center;"><input type="checkbox"/></p> <p>Ulasan: <i>Comment:</i></p>

UNTUK KEGUNAAN JABATAN ALAM
SEKITAR (FOR DOE USE)

20. **Ulasan oleh Jabatan Perancang Bandar dan Desa Negeri**

_____ (sekiranya berkaitan dokumen Rancangan Struktur Negeri atau pelan lain yang dirujuk)
Comments from the Department of Town and Country Planning, State of _____ (if related to the State Structure Plan or other plans)

- a. Lampirkan surat/ulasan dan pengesahan yang berkaitan dari Jabatan Perancang Bandar dan Desa Negeri.
Attach relevant letter/comment and endorsement from the Department of Town and Country Planning, State Office.

21. **Ulasan dari Pihak Berkuasa Tempatan** (nyatakan Pihak Berkuasa Tempatan) _____

_____ (sekiranya berkaitan dokumen Rancangan Tempatan atau Rancangan Kawasan Khas)
Comments from the Local Municipal Council (state the Local Municipal Council) _____

_____ (if related to the Local Plan or Special Area Plan)

- a. Lampirkan surat/ulasan dan pengesahan yang berkaitan dari Pihak Berkuasa Tempatan.
Attach relevant letter/comment and endorsement from the Local Municipal Council.

Maklumat Lengkap Complete Information	Maklumat Tidak Lengkap Incomplete Information
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>
<input type="checkbox"/>	<input type="checkbox"/> Ulasan: <i>Comment:</i>

**I. SENARAI SEMAK PERMOHONAN
APPLICATION CHECKLIST**

No. No.	Perkara Subject	Ada Yes		Tiada No
		Lengkap Complete	Tidak Lengkap Incomplete	
1	Surat rasmi dari pemohon bagi menerangkan maksud permohonan PAT. <i>Formal letter from applicant, explaining the purpose of the PAT application.</i>			
2	Borang AS PAT diisi dengan lengkap. <i>Completed AS PAT form.</i>			
3	Ulasan dari agensi berkaitan (rujuk Bahagian H) <i>Comments from relevant agencies (refer to Part H)</i>			

UNTUK KEGUNAAN JABATAN ALAM SEKITAR
FOR THE DEPARTMENT OF ENVIRONMENT USE

J. ULASAN PENILAIAN AWAL TAPAK OLEH JABATAN ALAM SEKITAR

JABATAN ALAM SEKITAR NEGERI _____

A. Pemprosesan Permohonan Penilaian Awal Tapak (PAT)

1. Nama Pegawai Pemproses : _____
Jawatan: _____
Tandatangan : _____
Tarikh : _____
2. Tarikh Permohonan PAT diterima di pejabat Jabatan Alam Sekitar: _____

B. Pengesahan Maklumat Tapak

3. Pengesahan maklumat tapak adalah diperolehi melalui:-
 - *Siasatan tapak oleh pegawai Jabatan Alam Sekitar pada (tarikh) _____
 - **Peta Google, tahun _____
 - **Rancangan Struktur Negeri _____ tahun _____
 - **Rancangan Tempatan _____ tahun _____
 - **Lain-lain semakan yang sah (nyatakan) _____

* : *Lampirkan laporan siasatan tapak.*

** : *Lampirkan salinan dokumen yang dirujuk.*

C. Syor oleh Pegawai Pemproses:

a. **Bagi cadangan pembangunan bukan EIA**

- (i) Tapak disokong; atau
- (ii) Tapak tidak disokong (nyatakan alasan)

b. **Bagi cadangan pembangunan projek EIA**

- (i) Tapak cadangan projek boleh dipertimbangkan dan tertakluk kepada kajian EIA melalui prosedur:-
 - Prosedur EIA Awal (5 minggu)
 - Prosedur EIA Awal (3 minggu)
 - Prosedur EIA Terperinci
- (i) Tapak tidak disokong (nyatakan alasan)

Ulasan Pegawai Pemproses:

E. Ulasan Pegawai Penyelia

- a. Setuju Dengan Syor Pegawai Pemproses
- b. Tidak Setuju Dengan Syor Pegawai Pemproses

Nama Pegawai Penyelia : _____

Jawatan: _____

Tandatangan : _____

Ulasan Pegawai Penyelia:

F. Ketetapan *Pengarah/ Ketua Penolong Pengarah**

- a. Setuju Dengan Syor Pegawai Pemproses
- b. Tidak Setuju Dengan Syor Pegawai Pemproses

Nama ***Pengarah/Ketua Penolong Pengarah: _____

Tandatangan : _____

Telefon: _____ Faks: _____ E-mel: _____

Ulasan *Pengarah/Ketua Penolong Pengarah:**

Nota: *** potong yang tidak berkaitan

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA)
CHECKLIST FOR PRESCRIBED ACTIVITY:
ACTIVITY 7: HOUSING DEVELOPMENT COVERING AN AREA OF 50
HECTARES OR MORE AND
ACTIVITY 9(e) CONSTRUCTION OF NEW TOWNSHIP**

- A. This checklist is for the assessment of Preliminary EIA report undergoing the 3 weeks processing procedure.
- B. This checklist shall be used by the EIA Consultant in assessing the EIA report prepared by the EIA Consultant, for “**Activity 7: Housing development covering an area of 50 hectares or more**” and “**Activity 9(e) Construction of New Township**” under the Environmental Quality (Prescribed Activities)(Environmental Impact Assessment) Order 1987, Environmental Quality Act, 1974.
- C. The **qualifying criteria for Activity 7 and 9(e)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-
- (i) Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
 - (ii) Proposed project is not located:-
 - a. in/adjacent to environmentally sensitive areas (refer to National Physical Plan).
 - b. at the upstream of water intake,
 - c. on hill land (150m–300m height) or highland (300m-1,000m height), Class III slope (25-35 degrees) and Class IV slope (more than 35 degrees).
 - (iii) Proposed new township, only with light industries.
 - (iv) No blasting activities involved.
- D. All information disclosed and assessed in this checklist must be accurate, true, correct and based on critical issues of the proposed project and site.
- E. The Project Proponent and EIA consultants shall be fully responsible for the information given/specified in this checklist.
- F. Please tick in the box :-
- Housing New Township
- G. Please tick in the box as follows:-
 √ - Complete; or X - Incomplete; or N.A - Not Applicable

1.0 PROJECT BACKGROUND

1.1 Project Title

1.2 Project Location

a. Area Coordinates (at least four angle points)

Longitude	Latitude

b. Total Acreage (hectare, ha) : _____

c. Lot No./ P.T : _____

d. HSD/ HSM : _____

e. Mukim : _____

f. District : _____

g. State : _____

1.3 Project Approving Authority

a. Agency : _____

1.4 Project Proponent

a. Company Name: _____

b. Address : _____

c. Company Registration No. : _____

d. Person In Charge : _____

e. Designation : _____

- f. Telephone : _____
- g. E-mail : _____
- h. Fax : _____

1.5 EIA Consultant

- a. Company Name: _____
- b. Address : _____

- c. EIA Team Leader : _____
- d. Registration No. : _____
- e. Telephone : _____
- f. Fax : _____
- g. E-mail : _____

1.6 Preliminary Site Assessment (Penilaian Awal Tapak, PAT)

- a. Letter of PAT comments from the Department of Environment (State Office) _____
- b. Date of PAT letter : _____
- c. Reference number: _____

Tick and page number

--	--

For DOE use only

2.0 GUIDELINES, GUIDANCE DOCUMENTS AND OTHER REFERENCES

- 2.1 List of guidelines, guidance documents and other references referred to during the preparation of the EIA report.

Tick and page number

--	--

For DOE use only

3.0 EIA CONSULTANT	Tick and page number	For DOE use only
3.1 List of EIA Study Team Members (EIA Consultants and Subject Consultants).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
3.2 A soft copy of the EIA report (including Executive Summary) - attached.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
3.3 A soft copy of raw data used in the EIA study – attached.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
4.0 EIA REPORT	Tick and page number	For DOE use only
4.1 Documents – to be included at the beginning of the EIA report.		
a. List of EIA Study Team Members (EIA Consultants and Subject Consultants).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. List of Assistant Consultants.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
c. Declaration from Project Initiator.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
d. Declaration from EIA Study Team Leader.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
e. Declaration from EIA Team Members.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
4.2 <u>Executive Summary</u> (as a ‘stand alone’ document) in addition to summarizing the main findings and issues, also containing the following information:	Tick and page number	For DOE use only
a. Name / title of Project.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. Name & Contact Details of the Project Proponent (contact person, address, tel, fax, e-mail).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
c. Name of the EIA Consultant (firm) & Contact Person (Address, Tel, Fax, E mail).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
d. Location of the project (including where applicable, coordinates, lot numbers, sub-district and district name).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
e. Relevant maps showing project location and sensitive receptors.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
f. Summary of the main findings and issues mitigating measures.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<i>Note: Executive Summary in two languages (English and Bahasa Melayu) shall be submitted to DOE in both hard copy and soft copy.</i>		

4.3 <u>Introduction</u>	Tick and page number	For DOE use only
<ul style="list-style-type: none"> a. Statement of Need b. Justification for the proposed project. c. Objective of the proposed project. d. Benefits from the proposed project. 	<div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div>	<div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div>
<p>4.4 <u>Project and Site Options</u></p> <ul style="list-style-type: none"> a. Project options. b. Site options (refer to PAT). c. No project option. 	<div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px;"></div>	<div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div>
<p>4.5 <u>Project Description</u></p> <ul style="list-style-type: none"> a. In line with any development plans, policies or any decision of the Authority namely (but not limited to) National Physical Plan, Structure Plan, Local Plan and others. b. Detail explanation of the proposed project concept, size, components, and development phases. c. Considerations on climate change issues/green concept. d. Work schedule outlining phases of development and activities involved. e. Maps, diagrams, photos (clearly state the source of documents) which are included in the report such as (but not limited to) :- <ul style="list-style-type: none"> (i) Component layout as shown in Figure _____ (ii) General location map as shown in Figure _____ (iii) Specific location map as shown in Figure _____ (iv) Project boundaries as shown in Figure _____ 	<div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 80px; height: 20px;"></div>	<div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div>

<p>c. Human</p> <ul style="list-style-type: none"> • Socio economic study • Aesthetic and Cultural/ Heritage • Sensitive receptors • Transportation & traffic 	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> </table>									<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td></tr> </table>				
<p>4.7 <u>Soil Erosion and Sediment Control Aspects</u></p> <p>a. The chapter on Soil Erosion and Sediment Control Aspects was prepared by (name of the consultant) _____, who is a Certified Professional In Erosion And Sediment Control (CPESC) with the CPESC registration number _____, in accordance to the Guidance Document For Addressing Soil Erosion And Sediment Control Aspects In The (EIA) Report by the DOE.</p> <p>b. The conceptual erosion and sediment control drawings indicating effective mitigating measures or Best Management Practices (BMPs) to be implemented on the site are described in chapter _____ on page _____ of the EIA report, and illustrated in Figure _____ on page _____ of the EIA report.</p> <p><i>Note: `Best Management Practices (BMPs) means activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage storm water to protect and maintain the quality of soil or inland or Malaysian waters and the existing and designated uses of waters before, during, and after earth disturbance activities.`</i></p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td><td style="width: 50%; height: 25px;"></td></tr> </table>					<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">For DOE use only</td> </tr> <tr><td style="width: 50%; height: 25px;"></td></tr> <tr><td style="width: 50%; height: 25px;"></td></tr> </table>	For DOE use only							
For DOE use only														

4.8 <u>Potential Significant Impact</u>	Tick and page number	For DOE use only
a. Description of the methodologies used in the impact analysis/assessment. Explanation on the critical impacts and worst case scenarios using modeling and other internationally/locally acceptable methodologies.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. Predicted impacts of the following components:-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Biomass Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation & Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other impacts (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

4.9 <u>Mitigation and Abatement Measures</u>	Tick and page number	For DOE use only
a. Based on prediction of impact studies on the affected environment components :-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation: Conceptual Erosion and Sedimentation Control Plan (ESCP)-Conceptual ESCP with map indicating BMPs.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Biomass	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation and Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other mitigation measures (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<p>4.12 Framework of the Environmental Management Plan (EMP)</p> <p>a. Brief description of the components of the EMP.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table>	For DOE use only				
For DOE use only									
<p>4.13 <u>Conclusion</u></p> <p>a. Summary of the proposed project in terms of project concept, impacts and recommended mitigating measures.</p> <p>b. Recommendation by the EIA Consultant on the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table>	For DOE use only		
For DOE use only									
<p>5.0 DECLARATION OF SELF-ASSESSMENT</p> <p>5.1 <u>EIA Team Leader</u></p> <p>I hereby declare on the followings:-</p> <p>a. The information provided in this assessment is correct, accurate, liable and represent the studies in the EIA report; and</p> <p>b. I shall be held liable for any misleading information in any part of this checklist.</p> <p>Signature : _____</p> <p>Name : _____</p> <p>MyKad / Passport No. : _____</p> <p>Designation : _____</p> <p>Date : _____</p> <p>Official Stamp:</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table>	For DOE use only				
For DOE use only									

	Tick and page number	For DOE use only		
<p>6.0 <u>COMMENTS FROM RELEVANT AGENCIES</u> (Please refer to the relevant agencies for comments, based on critical issues and scope of the proposed project)</p>	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<input style="width: 50px; height: 20px;" type="checkbox"/>
<p>6.1 Comments from the Agency 1</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				
<p>6.2 Comments from the Agency 2</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				
<p>6.3 Comments from the Agency 3</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				

<p>6.4 Comments from the Agency 4</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p> <p>6.5 Comments from the Agency 5</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>		
--	--	--

UNTUK KEGUNAAN JABATAN ALAM SEKITAR

1. Maklumat Am

- a. Tarikh dan masa permohonan EIA diterima di pejabat Jabatan Alam Sekitar _____
- b. Tarikh piagam bermula: _____
- c. Tarikh piagam tamat: _____

2. Syor oleh Pegawai Pemproses

- a. Berdasarkan kepada maklumat yang telah dikemukakan oleh Jururunding EIA, _____ seperti di atas, dan semakan terhadap maklumat yang dikemukakan tersebut, adalah disyorkan bahawa laporan EIA bagi cadangan projek bertajuk _____

- (i) Laporan EIA bagi cadangan projek di atas **diluluskan dengan syarat-syarat kelulusan** kerana telah memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974; atau
- (ii) Laporan EIA bagi cadangan projek di atas **tidak diluluskan** kerana tidak memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974. **Lampirkan butiran kegagalan laporan EIA berkenaan.**

Ulasan Pegawai Pemproses:

- b. Nama Pegawai Pemproses : _____
Jawatan : _____
Tandatangan : _____
Tarikh : _____

3. **Ulasan Pegawai Penyelia**

- a. Bersetuju Dengan Syor Pegawai Pemproses
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pegawai Penyelia:

- c. Nama Pegawai Penyelia : _____
Jawatan : _____
Tandatangan : _____
Tarikh: _____

4. **Ketetapan Pengarah**

- a. Bersetuju Dengan Syor Pegawai Pemproses
– Draf surat keputusan laporan EIA kepada pemaju projek dan Pihak Berkuasa Meluluskan.
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pengarah:

- c. Nama Pengarah : _____
Tandatangan : _____
Tarikh: _____

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA)
CHECKLIST FOR PRESCRIBED ACTIVITY:
ACTIVITY 18c(i): MUNICIPAL SEWAGE:
CONSTRUCTION OF WASTEWATER TREATMENT PLANT**

- A. This checklist shall be used by the EIA Consultant in assessing the EIA report prepared by the EIA Consultant, for “**Activity 18c(i): Municipal Sewage: Construction Of Wastewater Treatment Plant**” under the Environmental Quality (Prescribed Activities)(Environmental Impact Assessment) Order 1987, Environmental Quality Act, 1974.
- B. The **qualifying criteria for Activity 18c(i)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-
- (i) Regional Plant;
 - (ii) Regional Plant Upgrading;
 - (iii) Area is gazetted as sewerage reserve;
 - (iv) Enough/adequate buffer zone according to National Water Services Commission (Suruhanjaya Perkhidmatan Air Negara, SPAN) guidelines;
 - (v) Not in flood prone area;
 - (vi) Not in area which require geotechnical study;
 - (vii) In line with local structure and local plan;
 - (viii) Discharge point is 5 km upstream of water intake;
 - (ix) Do not involve international water course/ transboundary conflict.
- C. All information disclosed and assessed in this checklist must be accurate, true, correct and based on critical issues of the proposed project and site.
- D. The Project Proponent and EIA consultants shall be fully responsible for the information given/specified in this checklist.
- E. Please tick in the box as follows:-
 ✓ - Complete; or X - Incomplete; or N.A - Not Applicable

1.0 PROJECT BACKGROUND

1.1 Project Title

1.2 Project Location

a. Area Coordinates (at least four angle points)

Longitude	Latitude

- b. Total Acreage (hectare, ha) : _____
- c. Lot No./ P.T : _____
- d. HSD/ HSM : _____
- e. Mukim : _____
- f. District : _____
- g. State : _____

1.3 Project Approving Authority

- a. Agency : _____

1.4 Project Proponent

- a. Company Name: _____
- b. Address : _____

- c. Company Registration No. : _____
- d. Person In Charge : _____
- e. Designation : _____
- f. Telephone : _____
- g. E-mail : _____
- h. Fax : _____

<p>1.5 <u>EIA Consultant</u></p> <p>a. Company Name: _____</p> <p>b. Address : _____ _____ _____</p> <p>c. EIA Team Leader : _____</p> <p>d. Registration No. : _____</p> <p>e. Telephone : _____</p> <p>f. Fax : _____</p> <p>g. E-mail : _____</p>								
<p>1.6 <u>Preliminary Site Assessment (Penilaian Awal Tapak, PAT)</u></p> <p>a. Letter of PAT comments from the Department of Environment (State Office) _____</p> <p>b. Date of PAT Letter : _____</p> <p>c. Reference number: _____</p>	<p>Tick and page number</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center; padding: 5px;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 50px; vertical-align: middle;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 40px; height: 20px;" type="checkbox"/>		
For DOE use only								
<input style="width: 40px; height: 20px;" type="checkbox"/>								
<p>2.0 GUIDELINES, GUIDANCE DOCUMENTS AND OTHER REFERENCES</p> <p>2.1 List of guidelines, guidance documents and other references referred to during the preparation of the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center; padding: 5px;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 50px; vertical-align: middle;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 40px; height: 20px;" type="checkbox"/>		
For DOE use only								
<input style="width: 40px; height: 20px;" type="checkbox"/>								
<p>3.0 EIA CONSULTANT</p> <p>3.1 List of EIA Study Team Members (EIA Consultants and Subject Consultants).</p> <p>3.2 A soft copy of the EIA report (including Executive Summary) - attached.</p>	<p>Tick and page number</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>					<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center; padding: 5px;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 50px; vertical-align: middle;"> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/>
For DOE use only								
<input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/>								

3.3 A soft copy of raw data used in the EIA study – attached.	<input type="checkbox"/>	<input type="checkbox"/>
4.0 EIA REPORT	Tick and page number	For DOE use only
4.1 Documents – to be included at the beginning of the EIA report.		
a. List of EIA Study Team Members (EIA Consultants and Subject Consultants).	<input type="checkbox"/>	<input type="checkbox"/>
b. List of Assistant Consultants.	<input type="checkbox"/>	<input type="checkbox"/>
c. Declaration from Project Initiator.	<input type="checkbox"/>	<input type="checkbox"/>
d. Declaration from EIA Study Team Leader.	<input type="checkbox"/>	<input type="checkbox"/>
e. Declaration from EIA Team Members.	<input type="checkbox"/>	<input type="checkbox"/>
4.2 <u>Executive Summary</u> (as a ‘stand alone’ document) in addition to summarizing the main findings and issues, also containing the following information:	Tick and page number	For DOE use only
a. Name / title of Project.	<input type="checkbox"/>	<input type="checkbox"/>
b. Name & Contact Details of the Project Proponent (contact person, address, tel, fax, e-mail).	<input type="checkbox"/>	<input type="checkbox"/>
c. Name of the EIA Consultant (firm) & Contact Person (Address, Tel, Fax, E mail).	<input type="checkbox"/>	<input type="checkbox"/>
d. Location of the project (including where applicable, coordinates, lot numbers, sub-district and district name).	<input type="checkbox"/>	<input type="checkbox"/>
e. Relevant maps showing project location and sensitive receptors.	<input type="checkbox"/>	<input type="checkbox"/>
f. Summary of the main findings and issues mitigating measures.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Note: Executive Summary in two languages (English and Bahasa Melayu) shall be submitted to DOE in both hard copy and soft copy.</i>		
4.3 <u>Introduction</u>	Tick and page number	For DOE use only
a. Statement of Need	<input type="checkbox"/>	<input type="checkbox"/>
b. Justification for the proposed project.	<input type="checkbox"/>	<input type="checkbox"/>
c. Objective of the proposed project.	<input type="checkbox"/>	<input type="checkbox"/>

<p>d. Benefits from the proposed project.</p>																																										
<p>4.4 Project and Site Options</p> <p>a. Project options.</p> <p>b. Site options (refer to PAT).</p> <p>c. Technology options.</p> <p>d. Pollution control options.</p> <p>e. No project option.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>											<p style="border: 1px solid black; padding: 2px; text-align: center;">For DOE use only</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>																														
<p>4.5 Project Description</p> <p>a. In line with any development plans, policies or any decision of the Authority namely (but not limited to) National Physical Plan, Structure Plan, Local Plan and others.</p> <p>b. Detail explanation of the proposed project concept, size, components, and development phases.</p> <p>c. Considerations on climate change issues/green concept.</p> <p>d. Work schedule outlining phases of development and activities involved.</p> <p>e. Maps, diagrams, photos (clearly state the source of documents) which are included in the report such as (but not limited to) :-</p> <p>(i) Component layout as shown in Figure _____</p> <p>(ii) Existing and proposed sewer lines in Figure _____.</p> <p>(iii) General location map as shown in Figure _____</p> <p>(iv) Specific location map as shown in Figure _____</p> <p>(v) Project boundaries as shown in Figure _____</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>																					<p style="border: 1px solid black; padding: 2px; text-align: center;">For DOE use only</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>																				

4.7 <u>Description of Existing Environment</u>	Tick and page number	For DOE use only
<p>a. Description on the sampling methodologies, location (with justification), monitoring stations and sampling parameters.</p>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<p>b. Identification of the baseline data for the following environmental components :-</p> <p>(i) <u>Air Quality:</u></p> <ul style="list-style-type: none"> • Number of air quality monitoring stations: _____ • Parameters: _____ • Map showing locations of air quality monitoring stations. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<p>(ii) <u>Water Quality:</u></p> <ul style="list-style-type: none"> • Number of water quality monitoring stations: _____ • Parameters: _____ • Map showing locations of water quality monitoring stations. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<p>(iii) <u>Soil Quality:</u></p> <ul style="list-style-type: none"> • Number of soil quality monitoring stations: _____ • Parameters: _____ • Map showing locations of soil quality monitoring stations. • Refer to Contaminated Land Management and Control Guidelines by the Department of Environment. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<p>(iv) <u>Groundwater Quality:</u></p> <ul style="list-style-type: none"> • Number of groundwater quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of groundwater quality monitoring stations. • Refer to Contaminated Land Management and Control Guidelines by the Department of Environment. <p>(v) <u>Noise Quality:</u></p> <ul style="list-style-type: none"> • Number of noise quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of noise quality monitoring stations. <p>c. Socio economic Baseline Data</p> <p>(i) Human settlement area</p> <p>(ii) Commercial area</p> <p>(iii) Sensitive receptors (schools, institutions, hospitals, religious centres)</p> <p>(iv) Transportation & traffic</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div>
<p>4.8 All raw data used as input for EIA study are provided in the EIA main report or in Appendices (hardcopy) and accompanied with softcopy (CD).</p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>	<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>
<p>4.9 Results of laboratory analysis are included in the EIA report.</p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>	<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>

<p>4.10 All environmental samples are analysed by accredited laboratory under the Laboratory Accreditation Scheme of Malaysia (Skim Akreditasi Makmal Malaysia).</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </div>		
<p>4.11 <u>Soil Erosion and Sediment Control Aspects</u></p> <p>a. The chapter on Soil Erosion and Sediment Control Aspects was prepared by (name of the consultant) _____, who is a Certified Professional In Erosion And Sediment Control (CPESC) with the CPESC registration number _____, in accordance to the Guidance Document For Addressing Soil Erosion And Sediment Control Aspects In The (EIA) Report by the DOE.</p> <p>b. The conceptual erosion and sediment control drawings indicating effective mitigating measures or Best Management Practices (BMPs) to be implemented on the site are described in chapter _____ on page _____ of the EIA report, and illustrated in Figure _____ on page _____ of the EIA report.</p> <p><i>Note: 'Best Management Practices (BMPs) means activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage storm water to protect and maintain the quality of soil or inland or Malaysian waters and the existing and designated uses of waters before, during, and after earth disturbance activities.'</i></p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-bottom: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>					<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </div> <div style="text-align: center; margin-top: 20px;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </div>

4.12 <u>Potential Significant Impact</u>	Tick and page number	For DOE use only
a. Description of the methodologies used in the impact analysis/assessment. Explanation on the critical impacts and worst case scenarios using modeling and other internationally/locally acceptable methodologies.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. Predicted impacts of the following components:-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Biomass Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation & Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other impacts (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

4.13 <u>Mitigation and Abatement Measures</u>	Tick and page number	For DOE use only
a. Based on prediction of impact studies on the affected environment components :-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation: Conceptual Erosion and Sedimentation Control Plan (ESCP)-Conceptual ESCP with map indicating BMPs.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Biomass	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation and Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other mitigation measures (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<p>b. Cover all stages of development:-</p> <p>(i) Site Clearing/ Earthwork</p> <p>(ii) Building Construction</p> <p>(iii) Final Stabilization</p> <p>(iv) Project Abandonment</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>4.14 <u>Summary of Critical Issues/Impacts and Proposed Mitigation Measures</u></p> <p>a. Critical issue/impact 1 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p> <p>b. Critical issue/impact 2 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p> <p>c. Critical issue/impact 3 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p>	<p>Tick and page number</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">For DOE use only</div> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>4.15 Residual Impacts</p> <p>a. Identification of residual impacts and their significance.</p> <p>b. Recommendation for the management of residual impacts.</p>	<p>Tick and page number</p> <input type="checkbox"/> <input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">For DOE use only</div> <input type="checkbox"/> <input type="checkbox"/>

<p>4.16 Framework of the Environmental Management Plan (EMP)</p> <p>a. Brief description of the components of the EMP.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="text-align: center;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 20px;" type="checkbox"/>			
For DOE use only									
<input style="width: 50px; height: 20px;" type="checkbox"/>									
<p>4.17 Emergency Response Plan (ERP) -Scope</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="text-align: center;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 20px;" type="checkbox"/>			
For DOE use only									
<input style="width: 50px; height: 20px;" type="checkbox"/>									
<p>4.18 <u>Conclusion</u></p> <p>a. Summary of the proposed project in terms of project concept, impacts and recommended mitigating measures.</p> <p>b. Recommendation by the EIA Consultant on the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="text-align: center;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="text-align: center;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 20px;" type="checkbox"/>	<input style="width: 50px; height: 20px;" type="checkbox"/>
For DOE use only									
<input style="width: 50px; height: 20px;" type="checkbox"/>									
<input style="width: 50px; height: 20px;" type="checkbox"/>									
<p>5.0 DECLARATION OF SELF-ASSESSMENT</p> <p>5.1 <u>EIA Team Leader</u></p> <p>I hereby declare on the followings:-</p> <p>a. The information provided in this assessment is correct, accurate, liable and represent the studies in the EIA report; and</p> <p>b. I shall be held liable for any misleading information in any part of this checklist.</p> <p>Signature : _____</p> <p>Name : _____</p> <p>MyKad / Passport No. : _____</p> <p>Designation : _____</p> <p>Date : _____</p> <p>Official Stamp:</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 5px;"> <tr> <td style="text-align: center;"> <input style="width: 50px; height: 20px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 20px;" type="checkbox"/>			
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<p>6.0 <u>COMMENTS FROM RELEVANT AGENCIES</u> (Please refer to the relevant agencies for comments, based on critical issues and scope of the proposed project)</p>	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto;"></div>
<p>6.1 Comments from the Agency 1</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				
<p>6.2 Comments from the Agency 2</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				
<p>6.3 Comments from the Agency 3</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>				

<p>6.4 Comments from the Agency 4</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p> <p>6.5 Comments from the Agency 5</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>		
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UNTUK KEGUNAAN JABATAN ALAM SEKITAR

1. Maklumat Am

- a. Tarikh dan masa permohonan EIA diterima di pejabat Jabatan Alam Sekitar _____
- b. Tarikh piagam bermula: _____
- c. Tarikh piagam tamat: _____

2. Syor oleh Pegawai Pemproses

- a. Berdasarkan kepada maklumat yang telah dikemukakan oleh Jururunding EIA, _____ seperti di atas, dan semakan terhadap maklumat yang dikemukakan tersebut, adalah disyorkan bahawa laporan EIA bagi cadangan projek bertajuk _____
- _____
- _____
- _____

- (i) Laporan EIA bagi cadangan projek di atas **diluluskan dengan syarat-syarat kelulusan** kerana telah memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974; atau
- (ii) Laporan EIA bagi cadangan projek di atas **tidak diluluskan** kerana tidak memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974. **Lampirkan butiran kegagalan laporan EIA berkenaan.**

Ulasan Pegawai Pemproses:

- b. Nama Pegawai Pemproses : _____
- Jawatan : _____
- Tandatangan : _____
- Tarikh : _____

3. **Ulasan Pegawai Penyelia**

a. Bersetuju Dengan Syor Pegawai Pemproses

b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pegawai Penyelia:

c. Nama Pegawai Penyelia : _____

Jawatan : _____

Tandatangan : _____

Tarikh: _____

4. **Ketetapan Pengarah**

a. Bersetuju Dengan Syor Pegawai Pemproses

– Draf surat keputusan laporan EIA kepada pemaju projek dan Pihak Berkuasa Meluluskan.

b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pengarah:

c. Nama Pengarah : _____

Tandatangan : _____

Tarikh: _____

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA)
CHECKLIST FOR PRESCRIBED ACTIVITY:
ACTIVITY 8(a): CHEMICAL - WHERE PRODUCTION CAPACITY OF EACH
PRODUCT OR OF COMBINED PRODUCTS IS GREATER THAN 100 TONNES/ DAY**

- A. This checklist is for the assessment of Preliminary EIA report undergoing the 3 weeks processing procedure.
- B. This checklist shall be used by the EIA Consultant in assessing the EIA report prepared by the EIA Consultant, for “**Activity 8(a): Chemical - where production capacity of each product or of combined products is greater than 100 tonnes/day**” under the Environmental Quality (Prescribed Activities)(Environmental Impact Assessment) Order 1987, Environmental Quality Act, 1974.
- C. The **qualifying criteria for Activity 8(a)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-
1. Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
 2. Proposed project is located at gazetted industrial area with adequate buffer zone between project boundary to the nearest sensitive receptor.
 3. Proposed project is compatible with the surrounding activities, within 250 meter radius from project boundary.
 4. Proposed project does not involve the use of radioactive material(s) and the generation of radioactive waste(s).
- D. All information disclosed and assessed in this checklist must be accurate, true, correct and based on critical issues of the proposed project and site.
- E. The Project Proponent and EIA consultants shall be fully responsible for the information given/specified in this checklist.
- F. Type of application:-
1. New Chemical Plant/Industry
2. Expansion – increase in capacity of _____ percentage (%).
- G. Please tick in the box as follows:-
 ✓ - Complete; or X - Incomplete; or N.A - Not Applicable

1.0 PROJECT BACKGROUND

1.1 Project Title

1.2 **Project Location**

a. Area Coordinates (at least four angle points)

Longitude	Latitude

b. Total Acreage (hectare, ha) : _____

c. Lot No./ P.T : _____

d. HSD/ HSM : _____

e. Name of Industrial Area : _____

f. Mukim : _____

g. District : _____

h. State : _____

1.3 **Project Approving Authority**

a. Agency : _____

1.4 **Project Proponent**

- a. Company Name: _____
- b. Address : _____

- c. Company Registration No. : _____
- d. Person In Charge : _____
- e. Designation : _____
- f. Telephone : _____
- g. E-mail : _____
- h. Fax : _____

1.5 **EIA Consultant**

- a. Company Name: _____
- b. Address : _____

- c. EIA Team Leader : _____
- d. Registration No. : _____
- e. Telephone : _____
- f. Fax : _____
- g. E-mail : _____

<p>1.6 <u>Preliminary Site Assessment (Penilaian Awal Tapak, PAT)</u></p> <p>a. Letter of PAT comments from the Department of Environment (State Office) _____</p> <p>b. Date of PAT Letter: _____</p> <p>c. Reference number: _____</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table>			<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>						
<p>1.7 <u>Characteristics of the Project</u></p> <p>a. Production capacity of each product or of combined products _____ tonnes/day.</p> <p>b. Integration with existing facilities/plants.</p> <p>c. Utilities facilities.</p> <p>d. The use of natural resources.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table>									<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>
<p>2.0 GUIDELINES, GUIDANCE DOCUMENTS AND OTHER REFERENCES</p> <p>2.1 List of guidelines, guidance documents and other references referred to during the preparation of the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table>			<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>						
<p>3.0 EIA CONSULTANT</p> <p>3.1 List of EIA Study Team Members (EIA Consultants and Subject Consultants).</p> <p>3.2 A soft copy of the EIA report (including Executive Summary) - attached.</p> <p>3.3 A soft copy of raw data used in the EIA study – attached.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table>							<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>		

4.0 EIA REPORT	Tick and page number	For DOE use only																								
<p>4.1 Documents – to be included at the beginning of the EIA report.</p> <p>a. List of EIA Study Team Members (EIA Consultants and Subject Consultants).</p> <p>b. List of Assistant Consultants.</p> <p>c. Declaration from Project Initiator.</p> <p>d. Declaration from EIA Study Team Leader.</p> <p>e. Declaration from EIA Team Members.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td><td style="width: 50px; border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> </table>											<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> </table>														
<p>4.2 Executive Summary (as a ‘stand alone’ document) in addition to summarizing the main findings and issues, also containing the following information:</p> <p>a. Name / title of Project.</p> <p>b. Name & Contact Details of the Project Proponent (contact person, address, tel, fax, e-mail).</p> <p>c. Name of the EIA Consultant (firm) & Contact Person (Address, Tel, Fax, E mail).</p> <p>d. Location of the project (including where applicable, coordinates, lot numbers, sub-district and district name).</p> <p>e. Relevant maps showing project location and sensitive receptors.</p> <p>f. Summary of the main findings and issues mitigating measures.</p> <p><i>Note: Executive Summary in two languages (English and Bahasa Melayu) shall be submitted to DOE in both hard copy and soft copy.</i></p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td><td style="width: 50px; border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr> </table>																	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black;"></td></tr> </table>								
<p>4.3 Introduction</p> <p>a. Statement of Need.</p> <p>b. Justification for the proposed project.</p> <p>c. Objective of the proposed project.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td><td style="width: 50px; border: 1px solid black;"></td></tr> </table>			<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; border: 1px solid black;"></td></tr> </table>																						

<p>d. Benefits from the proposed project.</p> <p>e. Project viability.</p>																	
<p>4.4 Project and Site Options</p> <p>a. Project options.</p> <p>b. Site options (refer to PAT).</p> <p>c. Technology options.</p> <p>d. Pollution control options.</p> <p>e. No project option.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> </table>											<p style="border: 1px solid black; padding: 2px; text-align: center;">For DOE use only</p> <table border="1" style="width: 100%; height: 100%; margin-top: 10px;"> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> </table>					
<p>4.5 Overall Project Description</p> <p>a. <u>Site Description:</u></p> <p>(i) <u>Location Plan and Current Landuse Map</u></p> <ul style="list-style-type: none"> • The proposed project location is shown clearly on the coordinates, lot number, PT or etc., showing the general location, specific location and the proposed project boundaries. • Current satellite image land use map, covering an area of 5 km radius from the proposed project boundary (250m intervals). • The land use map clearly indicate the area of environmentally sensitive areas such as human settlements, schools, hospitals, food and beverage industries, pharmaceutical industries, potable water intake point etc. • Cadastral map showing the lots adjacent to the proposed project site, at least within 1km radius from the proposed project boundary. 	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td><td style="width: 50%; height: 20px;"></td></tr> </table>									<p style="border: 1px solid black; padding: 2px; text-align: center;">For DOE use only</p> <table border="1" style="width: 100%; height: 100%; margin-top: 10px;"> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> <tr><td style="width: 50%; height: 20px;"></td></tr> </table>							

	Tick and page number	For DOE use only
(ii) Types of manufacturing processes involved/used in the proposed chemical plant project		
• Alkylation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Amination	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Carbonylation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Condensation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Dehydrogenation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Esterification	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Halogenations and manufacture of halogens	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Hydrogenation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Hydrolysis	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Oxidation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Polymerization	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Sulphonation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Desulphurization, manufacture and transformation of sulphur-containing compounds	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Nitration and manufacture of nitrogen containing compounds	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Manufacture of phosphorus- containing compounds	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Formulation of pesticides and pharmaceutical products	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Distillation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Extraction	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
• Salvation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<ul style="list-style-type: none"> • Mixing • Others (please specify) : _____ _____ 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
<p>c. Project Description</p> <p>(i) Technology options.</p> <p>(ii) Description of pollution control systems.</p> <p>(iii) Emergency shutdown procedures.</p> <p>(iv) Other activities which may be required as a consequence of the project (e.g. new roads, extraction of aggregates, provision of new water supply, generation or transmission of power, increased housing and sewage disposal).</p> <p>(v) The production of wastes (solid wastes, scheduled wastes, sewerage)</p> <p>(vi) Layout plan, including road network:-</p> <ul style="list-style-type: none"> • Process area. • Pollution control equipment/areas such as effluent treatment plant and air pollution control system. • Bund and drainage system separating the storage, handling and washing areas. • Lined storm water retention pond as mitigation measures in the event of overflow from the contaminated area. • Storage area for raw materials. • Storage area for chemicals, to be covered and designed with separate drainage systems. • Storage area for scheduled wastes (residues) to be covered and designed with separate drainage systems. • Storage area for products. 	<p style="text-align: center;">Tick and page number</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; text-align: center; margin-bottom: 10px;">For DOE use only</div> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

<ul style="list-style-type: none"> • Fire-fighting system, water sprinkler system. • Security fence. <p><i>Note : Layout plan must be endorsed by Certified Planner and the Project Proponent</i></p> <p>(vii) Description of the main processes including size, capacity, throughput, input and output –flow chart;</p> <p>(viii) Mass balance, water balance, energy balance, etc;</p> <p>(ix) Work schedule for construction, operation and commissioning phases, and restoration and after-use where appropriate.</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div>
<p>4.6 <u>Soil Erosion and Sediment Control Aspects</u></p> <p>a. The chapter on Soil Erosion and Sediment Control Aspects was prepared by (name of the consultant) _____, who is a Certified Professional In Erosion And Sediment Control (CPESC) with the CPESC registration number _____, in accordance to the Guidance Document For Addressing Soil Erosion And Sediment Control Aspects In The (EIA) Report by the DOE.</p> <p>b. The conceptual erosion and sediment control drawings indicating effective mitigating measures or Best Management Practices (BMPs) to be implemented on the site are described in chapter _____ on page _____ of the EIA report, and illustrated in Figure _____ on page _____ of the EIA report.</p> <p><i>Note: 'Best Management Practices (BMPs) means activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage storm water to protect and maintain the quality of soil or inland or Malaysian waters and the existing and designated uses of waters before, during, and after earth disturbance activities.'</i></p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 20px; margin: 5px auto; text-align: left; padding: 2px;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin: 5px auto;"></div>

4.7 <u>Description of Existing Environment</u>	Tick and page number	For DOE use only
a. Description on the sampling methodologies, location (with justification), monitoring stations and sampling parameters.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. Identification of the baseline data for the following environmental components :-		
(i) <u>Air Quality:</u> <ul style="list-style-type: none"> • Number of air quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of air quality monitoring stations. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) <u>Water Quality:</u> <ul style="list-style-type: none"> • Number of water quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of water quality monitoring stations. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) <u>Soil Quality:</u> <ul style="list-style-type: none"> • Number of soil quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of soil quality monitoring stations. • Refer to Contaminated Land Management and Control Guidelines by the Department of Environment. 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<p>c. Critical issue/impact 3 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p> <p>d. Critical issue/impact 4 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p> <p>e. Critical issue/impact 5 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>
<p>4.14 Residual Impacts</p> <p>a. Identification of residual impacts and their significance.</p> <p>b. Recommendation for the management of residual impacts.</p>	<p>Tick and page number</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: left;">For DOE use only</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>
<p>4.15 Framework of the Environmental Management Plan (EMP)</p> <ul style="list-style-type: none"> • Brief description of EMP components. 	<p>Tick and page number</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; text-align: left;">For DOE use only</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 5px;"></div> </div>

<p>4.16 Emergency Response Plan (ERP) -Scope</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 10px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 10px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>	For DOE use only		
For DOE use only							
<p>4.17 <u>Conclusion</u></p> <p>a. Summary of the proposed project in terms of project concept, impacts and recommended mitigating measures.</p> <p>b. Recommendation by the EIA Consultant on the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 10px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px; margin-top: 10px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px; margin-bottom: 10px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>	For DOE use only
For DOE use only							
<p>5.0 DECLARATION OF SELF-ASSESSMENT</p> <p>5.1 <u>EIA Team Leader</u></p> <p>I hereby declare on the followings:-</p> <p>a. The information provided in this assessment is correct, accurate, liable and represent the studies in the EIA report; and</p> <p>b. I shall be held liable for any misleading information in any part of this checklist.</p> <p>Signature : _____</p> <p>Name : _____</p> <p>MyKad / Passport No. : _____</p> <p>Designation : _____</p> <p>Date : _____</p> <p>Official Stamp:</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-top: 10px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 10px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>	For DOE use only		
For DOE use only							

6.0 <u>COMMENTS FROM RELEVANT AGENCIES</u> (Please refer to the relevant agencies for comments, based on critical issues and scope of the proposed project)	Tick and page number	For DOE use only				
6.1 Comments from the Agency 1 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 40px; height: 20px;"></td> </tr> </table>		
6.2 Comments from the Agency 2 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 40px; height: 20px;"></td> </tr> <tr> <td style="width: 40px; height: 20px;"></td> </tr> </table>		
6.3 Comments from the Agency 3 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>					

<p>6.4 Comments from the Agency 4</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>	<table border="1"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>			
<p>6.5 Comments from the Agency 5</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>	<table border="1"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>			

UNTUK KEGUNAAN JABATAN ALAM SEKITAR

1. Maklumat Am

- a. Tarikh dan masa permohonan EIA diterima di pejabat Jabatan Alam Sekitar

- b. Tarikh piagam bermula: _____
- c. Tarikh piagam tamat: _____

2. Syor oleh Pegawai Pemproses

- a. Berdasarkan kepada maklumat yang telah dikemukakan oleh Jururunding EIA, _____ seperti di atas, dan semakan terhadap maklumat yang dikemukakan tersebut, adalah disyorkan bahawa laporan EIA bagi cadangan projek bertajuk _____

- (i) Laporan EIA bagi cadangan projek di atas **diluluskan dengan syarat-syarat kelulusan** kerana telah memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974; atau
- (ii) Laporan EIA bagi cadangan projek di atas **tidak diluluskan** kerana tidak memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974. **Lampirkan butiran kegagalan laporan EIA berkenaan.**

Ulasan Pegawai Pemproses:

- b. Nama Pegawai Pemproses : _____
Jawatan : _____
Tandatangan : _____
Tarikh : _____

3. **Ulasan Pegawai Penyelia**

- a. Bersetuju Dengan Syor Pegawai Pemproses
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pegawai Penyelia:

- c. Nama Pegawai Penyelia : _____
Jawatan : _____
Tandatangan : _____
Tarikh: _____

4. **Ketetapan Pengarah**

- a. Bersetuju Dengan Syor Pegawai Pemproses
– Draf surat keputusan laporan EIA kepada pemaju projek dan Pihak Berkuasa Meluluskan.
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pengarah:

- c. Nama Pengarah : _____
Tandatangan : _____
Tarikh: _____

ENVIRONMENTAL IMPACT ASSESSMENT (EIA)
CHECKLIST FOR PRESCRIBED ACTIVITY:
ACTIVITY 18(a)(i) CONSTRUCTION OF SCHEDULE WASTES RECOVERY PLANT
(OFF-SITE) AND
ACTIVITY 18(a)(v) CONSTRUCTION OF STORAGE FACILITY (OFF-SITE)

- A. This checklist is for the assessment of Preliminary EIA report undergoing the 3 weeks processing procedure.
- B. This checklist shall be used by the EIA Consultant in assessing the EIA report prepared by the EIA Consultant, for “**Activity 18(a)(ii): Construction of Recovery Plant (Off-Site)**” and “**Activity 18(a)(v): Construction of Storage Facility (Off-Site)**” under the Environmental Quality (Prescribed Activities)(Environmental Impact Assessment) Order 1987, Environmental Quality Act, 1974.
- C. The **qualifying criteria for Activity 18(a)(ii) and 18(a)(v)** subjected to the **3 weeks Preliminary EIA processing procedure** are:-
1. Proposed project complies with any development plan approved by the relevant approving authority and relevant Government policies;
 2. Proposed project is located at gazetted industrial area with adequate buffer zone between project boundary to the nearest sensitive receptor.
 3. Proposed project is compatible with the surrounding activities, within 250 meter radius from project boundary.
 4. For proposed off-site recovery plant:-
 - a. proposed recovery process does not involve heating/smelting/thermal process at high temperature;
 - b. proposed activity does not involve recovery of lead acid batteries;
 - c. the categories of scheduled wastes and recovery processes (except for processes mentioned in 4(a) and 4(b) above) are those which have been licensed by the Department of Environment and operate without environmental problem.
 5. For proposed off-site storage facility:-
 - a. only for the storage of scheduled wastes to be sent for recovery at DOE licensed off-site recovery facility;
 - b. operated by the company/owner of the licensed off-site recovery facility;
 - c. no processing involved;
 - d. the maximum storage quantity/capacity must not exceed the maximum quantity/capacity of the licensed off-site recovery facility.
- D. All information disclosed and assessed in this checklist must be accurate, true, correct and based on critical issues of the proposed project and site.
- E. The Project Proponent and EIA consultants shall be fully responsible for the information given/specified in this checklist.
- F. Please tick in the box :-
- | | |
|--------------------------|---|
| <input type="checkbox"/> | 1. Construction of Recovery Plant (Off-Site) |
| <input type="checkbox"/> | 2. Construction of Storage Facility (Off-Site) – attach a copy of the DOE license for the off-site recovery plant |
- G. Type of application:-
- | | |
|--------------------------|---|
| <input type="checkbox"/> | 1. New Plant |
| <input type="checkbox"/> | 2. Expansion – increase in capacity (50% or more) with existing waste code. |
| <input type="checkbox"/> | 3. Expansion – increase in capacity (50% or more) with new waste code using the same process. |
| <input type="checkbox"/> | 4. Expansion – Addition in process or technology. |
- H. Please tick in the box as follows:-
- √ - Complete; or X - Incomplete; or N.A - Not Applicable

1.0 PROJECT BACKGROUND

1.1 Project Title

1.2 Project Location

a. Area Coordinates (at least four angle points)

Longitude	Latitude

b. Total Acreage (hectare, ha) : _____

c. Lot No./ P.T : _____

d. HSD/ HSM : _____

e. Name of Industrial Area : _____

f. Mukim : _____

g. District : _____

h. State : _____

1.3 Project Approving Authority

a. Agency : _____

1.4 **Project Proponent**

- a. Company Name: _____
- b. Address : _____

- c. Company Registration No. : _____
- d. Person In Charge : _____
- e. Designation : _____
- f. Telephone : _____
- g. E-mail : _____
- h. Fax : _____

1.5 **EIA Consultant**

- a. Company Name: _____
- b. Address : _____

- c. EIA Team
Leader : _____
- d. Registration No. : _____
- e. Telephone : _____
- f. Fax : _____
- g. E-mail : _____

<p>1.6 <u>Preliminary Site Assessment (Penilaian Awal Tapak, PAT)</u></p> <p>a. Letter of PAT comments from the Department of Environment (State Office) _____</p> <p>b. Date of PAT Letter : _____</p> <p>c. Reference number: _____</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 100px;"> <input style="width: 50px; height: 30px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 30px;" type="checkbox"/>								
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<input style="width: 50px; height: 30px;" type="checkbox"/>														
<p>2.0 GUIDELINES, GUIDANCE DOCUMENTS AND OTHER REFERENCES</p> <p>2.1 List of guidelines, guidance documents and other references referred to during the preparation of the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 100px;"> <input style="width: 50px; height: 30px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 30px;" type="checkbox"/>								
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<p>3.0 EIA CONSULTANT</p> <p>3.1 List of EIA Study Team Members (EIA Consultants and Subject Consultants).</p> <p>3.2 A soft copy of the EIA report (including Executive Summary) - attached.</p> <p>3.3 A soft copy of raw data used in the EIA study – attached.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> </table>							<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 100px;"> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/>				
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<p>4.0 EIA REPORT</p> <p>4.1 Documents – to be included at the beginning of the EIA report.</p> <p>a. List of EIA Study Team Members (EIA Consultants and Subject Consultants).</p> <p>b. List of Assistant Consultants.</p> <p>c. Declaration from Project Initiator.</p> <p>d. Declaration from EIA Study Team Leader.</p> <p>e. Declaration from EIA Team Members.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> <tr> <td style="width: 50px; height: 20px;"></td> <td style="width: 50px; height: 20px;"></td> </tr> </table>											<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> <tr> <td style="text-align: center; height: 100px;"> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> </td> </tr> </table>	For DOE use only	<input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/> <input style="width: 50px; height: 30px;" type="checkbox"/>
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<p>4.2 Executive Summary (as a 'stand alone' document) in addition to summarizing the main findings and issues, also containing the following information:</p> <ol style="list-style-type: none"> Name / title of Project. Name & Contact Details of the Project Proponent (contact person, address, tel, fax, e-mail). Name of the EIA Consultant (firm) & Contact Person (Address, Tel, Fax, E mail). Location of the project (including where applicable, coordinates, lot numbers, sub-district and district name). Relevant maps showing project location and sensitive receptors. Summary of the main findings and issues mitigating measures. <p><i>Note: Executive Summary in two languages (English and Bahasa Melayu) shall be submitted to DOE in both hard copy and soft copy.</i></p>	<p style="text-align: center;">Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> </table>																	<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <table style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<p>4.3 Introduction</p> <ol style="list-style-type: none"> Statement of Need Justification for the proposed project. Objective of the proposed project. Benefits from the proposed project. Project viability : volume of the waste, value of recovered waste, the current recovery facilities 	<p style="text-align: center;">Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> </table>			<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <table style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>																					
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<p>4.4 Project and Site Options</p> <ol style="list-style-type: none"> Project options. Site options (refer to PAT). Technology options. Pollution control options. No project option. 	<p style="text-align: center;">Tick and page number</p> <table border="1" style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> <tr><td style="width: 50px; height: 20px;"></td><td style="width: 50px; height: 20px;"></td></tr> </table>											<p style="text-align: center; border: 1px solid black; padding: 2px;">For DOE use only</p> <table style="width: 100%; height: 100%;"> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> <tr><td style="width: 50px; height: 20px; text-align: center;"><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
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<p>4.5 Project Description</p> <p>a. <u>Site Description:</u></p> <p style="margin-left: 20px;">(i) <u>Location Plan and Current Landuse Map</u></p> <ul style="list-style-type: none"> • The proposed project location is shown clearly on the coordinates, lot number, PT or etc., showing the general location, specific location and the proposed project boundaries. • Current satellite image land use map, covering an area of 5 km radius from the proposed project boundary (250m intervals). • The land use map clearly indicate the area of environmentally sensitive areas such as human settlements, schools, hospitals, food and beverage industries, pharmaceutical industries, potable water intake point etc. • Cadastral map showing the lots adjacent to the proposed project site, at least within 1km radius from the proposed project boundary. <p style="margin-left: 20px;">(ii) <u>Other Maps/ Plans</u></p> <ul style="list-style-type: none"> • Map showing infrastructure facilities. • Master Plan. • Structure Plan. • Local Plan. <p><i>Note : All maps must be at least in A3 size, readable, colored, with legends.</i></p>	<div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div>	<div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div>
<p>b. <u>Process Description</u></p> <p style="margin-left: 20px;">(i) Project components.</p> <p style="margin-left: 20px;">(ii) Types of scheduled wastes (scheduled wastes codes and category) – physical and chemical properties and quantity.</p>	<p style="text-align: center;">Tick and page number</p> <div style="border: 1px solid black; width: 80px; height: 25px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 80px; height: 25px;"></div>	<p style="text-align: center;">For DOE use only</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 60px; height: 30px;"></div>

(iii) Waste Acceptance Criteria.	<input type="checkbox"/>	<input type="checkbox"/>
(iv) Mass balance - mass balance calculation in every process.	<input type="checkbox"/>	<input type="checkbox"/>
(v) Proposed recovery technology – plant capacity, process flow description, diagram, material balance.	<input type="checkbox"/>	<input type="checkbox"/>
(vi) Sources of pollutions from the recovery processes and proposed pollution controls.	<input type="checkbox"/>	<input type="checkbox"/>
(vii) Percentage of recovery (precious metals, etc).	<input type="checkbox"/>	<input type="checkbox"/>
(viii) Products from recovery process – quantity and quality (for recovered waste oil, please refer to the Guidelines On Standard And Specification Of Recovered Waste Oil In Malaysia by the Department of Environment”	<input type="checkbox"/>	<input type="checkbox"/>
(ix) Layout Plan showing, among others:- <ul style="list-style-type: none"> • Scheduled waste acceptance area such as weigh bridge facility. • Laboratory unit for the purpose of sampling and analysis of scheduled wastes. • Scheduled wastes reception area. • Main building for the recovery processes. • Washing area (for transportation). • Pollution control equipment/areas such as effluent treatment plant and air pollution control system. • Bund and drainage system separating the storage, handling and washing areas. • Lined storm water retention pond as mitigation measures in the event of overflow from the contaminated area. • Storage area to be covered and designed with separate drainage systems. • Residues from recovery processes storage area. • Recovered products storage area. • Fire-fighting system, water sprinkler system. • Security fence. 	<input type="checkbox"/>	<input type="checkbox"/>
<i>Note : Layout plan must be endorsed by Certified Planner and the Project Proponent</i>		

<p>(ii) <u>Water Quality:</u></p> <ul style="list-style-type: none"> • Number of water quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of water quality monitoring stations. <p>(iii) <u>Soil Quality:</u></p> <ul style="list-style-type: none"> • Number of soil quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of soil quality monitoring stations. • Refer to Contaminated Land Management and Control Guidelines by the Department of Environment. <p>(iv) <u>Groundwater Quality:</u></p> <ul style="list-style-type: none"> • Number of groundwater quality monitoring stations: _____ • Parameters: _____ _____ • Map showing locations of groundwater quality monitoring stations. • Refer to Contaminated Land Management and Control Guidelines by the Department of Environment. 	<table border="1"> <tr> <td style="width: 30px; height: 20px;"></td> <td style="width: 30px; height: 20px;"></td> </tr> <tr> <td style="width: 30px; height: 20px;"></td> <td style="width: 30px; height: 20px;"></td> </tr> <tr> <td style="width: 30px; height: 20px;"></td> <td style="width: 30px; height: 20px;"></td> </tr> </table>							<table border="1"> <tr> <td style="width: 40px; height: 20px;"></td> </tr> <tr> <td style="width: 40px; height: 20px;"></td> </tr> <tr> <td style="width: 40px; height: 20px;"></td> </tr> </table>			

<p>(v) <u>Noise Quality:</u></p> <ul style="list-style-type: none"> • Number of noise quality monitoring stations: _____ • Parameters: _____ • Map showing locations of noise quality monitoring stations. <p>c. Socio economic Baseline Data</p> <p>(i) Human settlement area</p> <p>(ii) Commercial area</p> <p>(iii) Sensitive receptors (schools, institutions, hospitals, religious centres)</p> <p>(iv) Transportation & traffic</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>
<p>4.8 All raw data used as input for EIA study are provided in the EIA main report or in Appendices (hardcopy) and accompanied with softcopy (CD).</p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	<div style="border: 1px solid black; padding: 2px; text-align: center; font-size: small;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>
<p>4.9 Results of laboratory analysis are included in the EIA report.</p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	<div style="border: 1px solid black; padding: 2px; text-align: center; font-size: small;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>
<p>4.10 All environmental samples are analysed by accredited laboratory under the Laboratory Accreditation Scheme of Malaysia (Skim Akreditasi Makmal Malaysia).</p>	<p>Tick and page number</p> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	<div style="border: 1px solid black; padding: 2px; text-align: center; font-size: small;">For DOE use only</div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-top: 10px;"></div>

4.11 <u>Potential Significant Impact</u>	Tick and page number	For DOE use only
a. Description of the methodologies used in the impact analysis/assessment. Explanation on the critical impacts and worst case scenarios using modeling and other internationally/locally acceptable methodologies.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
b. Predicted impacts of the following components:-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Biomass Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation & Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other impacts (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

4.12 <u>Mitigation and Abatement Measures</u>	Tick and page number	For DOE use only
a. Based on prediction of impact studies on the affected environment components :-		
(i) Landuse	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ii) Topography	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iii) Soil and Geology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(iv) Drainage and Hydrology	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(v) Erosion and Sedimentation: Conceptual Erosion and Sedimentation Control Plan (ESCP)-Conceptual ESCP with map indicating BMPs.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vi) Water Quality-Surface	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(vii) Water Quality-Groundwater	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(viii) Water Quality-Marine	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(ix) Air Quality	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(x) Noise/Vibration	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xi) Biomass	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xii) Waste Management	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiii) Sewerage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xiv) Biological	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xv) Socio economic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvi) Transportation and Traffic	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xvii) Aesthetic and Cultural/ Heritage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
(xviii) Other mitigation measures (specify)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

<p>b. Cover all stages of development:-</p> <p>(i) Site Clearing/ Earthwork</p> <p>(ii) Building Construction</p> <p>(iii) Final Stabilization</p> <p>(iv) Project Abandonment</p>	<table border="1"> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
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<p>4.13 <u>Summary of Critical Issues/Impacts and Proposed Mitigation Measures</u></p> <p>a. Critical issue/impact 1 (specify): _____</p> <p>_____</p> <p>Proposed mitigation measure(s) to mitigate/minimize the impact (specify): _____</p> <p>_____</p> <p>b. Critical issue/impact 2 (specify): _____</p> <p>_____</p> <p>Proposed mitigation measure(s) to mitigate/minimize the impact (specify): _____</p> <p>_____</p> <p>c. Critical issue/impact 3 (specify): _____</p> <p>_____</p> <p>Proposed mitigation measure(s) to mitigate/minimize the impact (specify): _____</p> <p>_____</p>	<p>Tick and page number</p> <table border="1"> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>For DOE use only</p> <table border="1"> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td></tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<p>d. Critical issue/impact 4 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p> <p>e. Critical issue/impact 5 (specify): _____ _____</p> <p>Proposed mitigation measure(s) to mitigate/ minimize the impact (specify): _____ _____</p>	<p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>4.14 Residual Impacts</p> <p>a. Identification of residual impacts and their significance.</p> <p>b. Recommendation for the management of residual impacts.</p>	<p>Tick and page number</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>	<p>For DOE use only</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>4.15 Framework of the Environmental Management Plan (EMP)</p> <ul style="list-style-type: none"> Brief description of the EMP components. 	<p>Tick and page number</p> <p><input type="checkbox"/> <input type="checkbox"/></p>	<p>For DOE use only</p> <p><input type="checkbox"/></p>
<p>4.16 Emergency Response Plan (ERP) -Scope</p>	<p>Tick and page number</p> <p><input type="checkbox"/> <input type="checkbox"/></p>	<p>For DOE use only</p> <p><input type="checkbox"/></p>

<p>4.17 <u>Conclusion</u></p> <p>a. Summary of the proposed project in terms of project concept, impacts and recommended mitigating measures.</p> <p>b. Recommendation by the EIA Consultant on the EIA report.</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>	For DOE use only
For DOE use only							
<p>5.0 DECLARATION OF SELF-ASSESSMENT</p> <p>5.1 <u>EIA Team Leader</u></p> <p>I hereby declare on the followings:-</p> <p>a. The information provided in this assessment is correct, accurate, liable and represent the studies in the EIA report; and</p> <p>b. I shall be held liable for any misleading information in any part of this checklist.</p> <p>Signature : _____</p> <p>Name : _____</p> <p>MyKad / Passport No. : _____</p> <p>Designation : _____</p> <p>Date : _____</p> <p>Official Stamp:</p>	<p>Tick and page number</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<table border="1" style="width: 100%; height: 20px; margin-bottom: 5px;"> <tr> <td style="text-align: center;">For DOE use only</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <input style="width: 40px; height: 20px;" type="checkbox"/> </div>	For DOE use only		
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6.0 COMMENTS FROM RELEVANT AGENCIES (Please refer to the relevant agencies for comments, based on critical issues and scope of the proposed project)	Tick and page number	<div style="border: 1px solid black; padding: 2px; display: inline-block;">For DOE use only</div>
6.1 Comments from Agency 1 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>
6.2 Comments from Agency 2 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>
6.3 Comments from Agency 3 a. Name of Agency: _____ b. Address: _____ _____ _____ _____ c. Attach relevant letter/comment and endorsement from the agency.	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>

<p>6.4 Comments from Agency 4</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>	<table border="1"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <tr> <td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>
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<p>6.5 Comments from the Agency 5</p> <p>a. Name of Agency: _____</p> <p>b. Address: _____ _____ _____</p> <p>c. Attach relevant letter/comment and endorsement from the agency.</p>	<table border="1"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <tr> <td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>
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UNTUK KEGUNAAN JABATAN ALAM SEKITAR

1. Maklumat Am

- a. Tarikh dan masa permohonan EIA diterima di pejabat Jabatan Alam Sekitar

- b. Tarikh piagam bermula: _____
- c. Tarikh piagam tamat: _____

2. Syor oleh Pegawai Pemproses

- a. Berdasarkan kepada maklumat yang telah dikemukakan oleh Jururunding EIA, _____ seperti di atas, dan semakan terhadap maklumat yang dikemukakan tersebut, adalah disyorkan bahawa laporan EIA bagi cadangan projek bertajuk

- (i) Laporan EIA bagi cadangan projek di atas **diluluskan dengan syarat-syarat kelulusan** kerana telah memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974; atau
- (ii) Laporan EIA bagi cadangan projek di atas **tidak diluluskan** kerana tidak memenuhi kehendak Seksyen 34A(2), Akta Kualiti Alam Sekeliling, 1974. **Lampirkan butiran kegagalan laporan EIA berkenaan.**

Ulasan Pegawai Pemproses:

- b. Nama Pegawai Pemproses : _____
Jawatan : _____
Tandatangan : _____
Tarikh : _____

3. **Ulasan Pegawai Penyelia**

- a. Bersetuju Dengan Syor Pegawai Pemproses
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pegawai Penyelia:

- c. Nama Pegawai Penyelia : _____
Jawatan : _____
Tandatangan : _____
Tarikh: _____

4. **Ketetapan Pengarah**

- a. Bersetuju Dengan Syor Pegawai Pemproses
– Draf surat keputusan laporan EIA kepada pemaju projek dan Pihak Berkuasa Meluluskan.
- b. Tidak bersetuju Dengan Syor Pegawai Pemproses

Ulasan Pengarah:

- c. Nama Pengarah : _____
Tandatangan : _____
Tarikh: _____