

**ENVIRONMENTAL IMPACT ASSESSMENT (EIA) CHECKLIST
SAND MINING IN CONTINENTAL SHELF
UNDER CONTINENTAL SHELF ACT 1966**

- A. This checklist is provided free of charge.
- B. This checklist shall be used by the Project Proponent and EIA Consultant for EIA report for activity sand/silica sand mining under Continental Shelf Act 1966.
- C. This checklist must be fulfilled and submitted together with EIA Report to Department of Environment State Office.
- 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.

1.0	PROJECT BACKGROUND										
1.1	<u>Project Title</u> <hr/> <hr/> <hr/>										
1.2	<u>Project Location</u> a. Area Coordinates (at least four angle points) <table border="1" style="margin-left: 40px; width: 200px; height: 60px; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Longitude</th> <th style="width: 50%;">Latitude</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> b. Total Acreage (hectare, ha) : _____ c. State : _____	Longitude	Latitude								
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1.3	<u>Project Approving Authority</u> Agency : _____										
1.4	<u>Project Proponent</u> a. Company Name: _____ b. Address : _____ _____										

<p>c. Company Registration No. : _____</p> <p>d. Person In Charge : _____</p> <p>e. Designation : _____</p> <p>f. Telephone : _____</p> <p>g. E-mail : _____</p> <p>h. Fax : _____</p>											
<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>2.0 EIA REPORT</p>											
<p>2.1 <u>Cover Page</u></p> <p style="text-align: center;"><u>Referring to EGIM (Appendix 9)</u></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Page number</th> <th style="text-align: center; padding: 5px;">For DOE use</th> </tr> </thead> <tbody> <tr> <td style="width: 50%; height: 40px;"></td> <td style="width: 50%; height: 40px;"></td> </tr> </tbody> </table>	Page number	For DOE use								
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<p>2.2 <u>Preliminary pages</u></p> <p>a. Project Proponent's Environmental Pledge</p> <p>b. Qualified Person's Declaration</p> <p>c. Executive Summary & Ringkasan Eksekutif (infographics)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Page number</th> <th style="text-align: center; padding: 5px;">For DOE use</th> </tr> </thead> <tbody> <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> </tbody> </table>	Page number	For DOE use								
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<p>2.3 <u>Introduction</u></p> <p>a. Title of Project</p> <p>b. Project Proponent and Qualified Persons</p> <p>c. Legal Aspects</p> <p>d. Conformance of proposed project to government's development plans (Kelulusan dasar from JKPTG)</p> <p>e. Status of related documents (hydraulic study, pre dredge survey, quantity and quality of sand study, etc)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">Page number</th> <th style="text-align: center; padding: 5px;">For DOE use</th> </tr> </thead> <tbody> <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> </tbody> </table>	Page number	For DOE use								
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<p>2.4 <u>Scoping Notes</u></p> <ul style="list-style-type: none"> a. The project title stating nature of proposed activity. b. The presence of sensitive receptors c. Significant impacts due to the project or activity identified. d. Impacts which are unknown or uncertain as to the impacts but may occur e. Social issues f. Any special requirements for the EIA 	<p>Page number</p> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<p>For DOE use</p> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<p>2.5 <u>Statement of Needs</u></p>	<p>Page number</p> <input type="text"/>	<p>For DOE use</p> <input type="text"/>
<p>2.6 <u>Project Options</u></p> <ul style="list-style-type: none"> a. Site b. Machinerics / Equipments c. Method of Statement d. Operation e. Others 	<p>Page number</p> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<p>For DOE use</p> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

2.7 <u>Project Description</u>	Page number	For DOE use
a. Project concept including method of statement of mining activity		
b. Project location, coordinates		
c. Maps and diagram		
d. Technical, economic and environmental features,		
e. Project activities including machineries/equipment, sand final destination, operation hour,		
f. Project implementation schedule and lifespan		
2.8 <u>Existing Environment</u>	Page number	For DOE use
a. Zone of study		
b. Baseline condition		
i. Landuse		
ii. Meteorology		
iii. Bathymetry - IHO-S44 (<i>Standard for Hydrographic Surveys</i>) - Hydrographic surveyor (CAT A/B) or equivalent		
iv. Hydrodynamic data - Wave, tidal, wind, water level and current		
v. Seabed soil sampling		
vi. Sediment quality		
vii. Water quality - Date of sampling [.....]* - Sampling parameters are according to Malaysia Marine Quality Standard - Attach lab report in Appendix		
viii. Ecology study (fish fauna, plankton, benthic)		
ix. Socioeconomics (fisherman and fisheries)		
x. Heritage sites		
xi. Navigation		

3.0 APPROVALS / LETTERS FROM RELEVANT AGENCIES	Page number	For DOE use
<p>3.1 Department of Director General of Lands & Mines Federal (JKPTG) [Kelulusan Dasar]</p> <p>a. Date of letter : _____</p> <p>b. Summary of comments :- _____ _____ _____ _____ _____</p> <p>c. Attach agency's letter in EIA Report (Appendix).</p>	<input data-bbox="1133 716 1243 768" type="text"/>	<input data-bbox="1278 716 1411 768" type="text"/>
<p>3.2 Pusat Hidrografi Nasional (PHN) [Pre Dredged Survey]</p> <p>a. Date of letter : _____</p> <p>b. Summary of comments :- _____ _____ _____ _____ _____</p> <p>d. Attach agency's letter in EIA Report (Appendix).</p>	<input data-bbox="1133 1241 1243 1304" type="text"/>	<input data-bbox="1278 1241 1411 1304" type="text"/>
<p>3.3 Comments from Department of Irrigation and Drainage (DID / JPS) [Approval of hydraulic study]</p> <p>a. Date of letter : _____</p> <p>b. Summary of comments :- _____ _____ _____ _____ _____</p> <p>e. Attach agency's letter and approved hydraulic report (Appendix).</p>	<input data-bbox="1133 1808 1243 1871" type="text"/>	<input data-bbox="1278 1808 1411 1871" type="text"/>

3.4 Comments from Department of Mineral and Geoscience
[Approval of quantity and quality of sands report]

c. Date of letter : _____

d. Summary of comments :-

f. Attach agency's letter and approved report (Appendix).

4.0 DECLARATION

Project Proponent

I hereby declare on the followings:-

- a. I hereby declare that the entire EIA Report is the product of the Qualified Person (i.e. The EIA Consultant) engaged by my company and all the facts stated in the Report and the accompanying information are to the best of my knowledge and belief true and correct, and that I have not withheld or distorted any material facts;
- b. I agree and I undertake the responsibility to implement all the pollution prevention and mitigating measures (P2M2) described in the EIA Report, in the Environmental Management Plan (EMP), as proposed by the EIA Consultant;
- c. I have allocated sufficient funds for the above purpose; and
- d. I shall be held liable for any misleading information in any part of this checklist.

Signature : _____

Name: _____

MyKad /
Passport No. : _____

Designation : _____

Date : _____

Official Stamp

EIA Team Leader

I hereby declare on the followings:-

- a. I declare that the entire EIA Report is the product of my own work and the work of my team members (i.e. other consultants who are also Qualified Persons) who worked under my supervision and all the facts stated in the Report and the accompanying information are to the best of my knowledge and belief true and correct and that I have not withheld or distorted any material facts.
- b. I have briefed the Project Proponent on the content of the Report and highlighted to him all the pollution prevention and mitigation measures (P2M2s) described in it, and in the Environmental Management Plan (EMP), and the Project Proponent has agreed to implement them (i.e. P2M2).
- c. I shall be held liable for any misleading information in any part of this checklist.

Signature : _____

Name: _____

MyKad /
Passport No. : _____

Designation : _____

Date : _____

Official Stamp

UNTUK KEGUNAAN JABATAN ALAM SEKITAR**5.0 MAKLUMBALAS AGENSI****5.1 Jabatan Perikanan (DOF)**

- a. Tarikh edaran surat oleh Penggerak Projek : _____
- b. Tarikh JAS terima maklumbalas Agensi : _____
- c. Rumusan surat :-

- d. Lampiran surat

5.2 Jabatan Laut Malaysia (JLM)

- a. Tarikh edaran surat oleh Penggerak Projek : _____
- b. Tarikh JAS terima maklumbalas Agensi : _____
- a. Rumusan surat :-

- b. Lampiran surat

5.3 Jabatan Warisan Negara (JWN) (jika tapak cadangan projek bertindih dengan kawasan sensitif warisan)

- a. Tarikh edaran surat oleh Penggerak Projek: _____
- b. Tarikh JAS terima maklumbalas Agensi: _____
- a. Rumusan surat :-

- b. Lampiran surat

*** Agensi hendaklah mengemukakan maklumbalas dalam tempoh 7 hari berkerja. Sekiranya tiada ulasan diterima, agensi dianggap telah bersetuju dan tiada halangan dengan laporan EIA yang dikemukakan.**

UNTUK KEGUNAAN JABATAN ALAM SEKITAR

6.0 SYOR / ULASAN / KEPUTUSAN

6.1 Ulasan Pegawai Proses

Senarai semak yang diisi oleh Penggerak Projek dan Jururunding EIA adalah :-

	Lengkap
	Tidak lengkap

Oleh itu, disyorkan laporan EIA ini :-

	Diterima
	Tidak diterima

Ulasan :

Bersama-sama ini dikemukakan draf surat untuk semakan dan tandatangan.

.....

Nama :
 Jawatan :
 Tarikh

6.2 Ulasan Pegawai Penyemak

Syor Pegawai Penyemak :-

	Disokong
	Tidak disokong

Ulasan :

.....
Nama :

Jawatan :

Tarikh:

6.3 Keputusan Pengarah

Syor Pegawai Proses / Pegawai Penyemak :-

	Diterima
	Tidak diterima

Ulasan :

.....
Nama :

Jawatan :

Tarikh: