

# **Module 1.1.2**

## **ENVIRONMENTAL QUALITY (PRESCRIBED ACTIVITIES) (ENVIRONMENTAL IMPACT ASSESSMENT) ORDER 2015 OR EIA ORDER 2015**



**E i M A S**

**Institut Alam Sekitar Malaysia**  
*Environment Institute of Malaysia*



## EIA ORDER 2015

- ◆ 3. (1) The activities specified in the First Schedule and the Second Schedule are prescribed activities.
- ◆ (2) The activities specified in the First Schedule do not require public display and public comment unless otherwise instructed, in writing, by the Director General.
- ◆ (3) The activities specified in the Second Schedule require public display and public comment.



## PUBLIC DISPLAY

- ◆ (5) Public display and public comment referred to in subparagraphs (2) and (3) are a display of a report, at a place and within the time determined by the Director General, to obtain public comment in relation to that report.



## APPLICATION TO THE STATE OF SARAWAK

4. (1) This Order shall apply to the **State of Sarawak** in respect of the prescribed activities specified in the following



(a) items 2, 6, 9, 10, 11 (a,b), and 14 (a) of the First Schedule;  
and



(b) items 2, 6, 9, 10, 11, 16 and 17 and sub-item 14 (a) of the Second Schedule.



## APPLICATION TO THE STATE OF SABAH

4. (2) This Order shall apply to the **State of Sabah** in respect of the prescribed activities specified in the following items:



(a) items 2, 6, 9, and 14 and sub-item 11 (a,b) of the First Schedule; and

(b) items 2, 6, 9, 11, 14 and 17 of the Second Schedule.





# **FIRST SCHEDULE**

[Subparagraph 3(1)]

List of Prescribed  
Activities that does not  
require Public Display  
according to the  
Procedure as in the  
Environmental Impact  
Assessment Guidelines



# 1. AGRICULTURE

- (a) *Land development schemes covering an area of 20 hectares or more but less than 500 hectares to bring **forest** into agricultural production.*
- (b) *Development of agricultural estates covering an area of 500 hectares or more involving changes in types of agricultural use.*



## 2. AERODROME

*Expansion of an aerodrome involving a runway of 1,000 meter or longer.*





### 3. DRAINAGE AND IRRIGATION

- (a) *Construction of man-made lakes and enlargement of artificial lakes with surface areas of 100 hectares or more.*
- (b) *Irrigation schemes covering an area of 500 hectares or more.*



## 4. FISHERIES

*Land based aquaculture projects accompanied by clearing of mangrove forest, peat swamp forest or fresh water swamp forest covering an area of 20 hectares or more but less than 50 hectares.*



## 5. FORESTRY

(a) Conversion of forest at 300 meters or more above mean sea level to other land use covering an area of 20 hectares or more but less than 100 hectares.

(b) Logging, or cutting or taking of timber for the purpose of conversion from forest to other land use covering an area of 100 hectares or more but less than 500 hectares.



## 5. FORESTRY

(c) Logging, or cutting or taking of timber from forest at less than 300 meters above mean sea level covering an area of 100 hectares or more, outside permanent reserved forest.



## 5. FORESTRY

(d) *Conversion of an area of—*

- (i) *mangrove forest;*
- (ii) *peat swamp forest; or*
- (iii) *fresh water swamp forest,*

*for industrial, housing or agricultural use,  
covering an area of 20 hectares or more but  
less than 50 hectares.*

(e) *Development of planted forest  
covering an area of 100 hectares or more but  
less than 500 hectares.*



## 6. INDUSTRY

(a) Chemical:

*Production capacity of each product or combined products of 100 tonnes or more per day.*

(b) Cement:

*Cement grinding plant with cement production capacity of 200 tonnes or more per day.*

(c) Lime:

*Production of 100 tonnes or more per day of burnt lime using rotary kiln or 50 tonnes or more per day of burnt lime using vertical kiln.*



## 6. INDUSTRY

(d) *Petrochemicals:*

*Production capacity of each product or combined product of less than 50 tonnes per day.*

(e) *Shipyards:*

*Dead weight tonnage of 5,000 tonnes or more.*



## 7.LAND RECLAMATION

Coastal  
reclamation or  
land reclamation  
along river banks  
involving an area  
of less than 50  
hectares.





## 8. MINING

- (a) *Ore processing outside mineral tenement area, including concentrating of aluminium, copper, gold, iron, tantalum or rare earth element.*
- (b) *Sand mining on land or river, or in coastal area or in territorial waters not exceeding 3 nautical miles measured from the low-water line, involving an area of 20 hectares or more.*
- (c) *Sand mining in continental shelf area.*



## 9. PETROLEUM

(a) Development—

- (i) Oil field;
- (ii) Gas field; or
- (iii) Oil and gas field.

(b) Construction of 30 kilometres or more in length of—

- (i) off-shore pipelines;
- (ii) on-shore pipelines; or
- (iii) off-shore pipelines and on-shore pipelines.



## **9. PETROLEUM:**

### **(c) Construction of—**

- (i) oil separation, processing, handling and storage facilities;**
- (ii) gas separation, processing, handling and storage facilities; or**
- (iii) oil and gas separation, processing, handling and storage facilities;**
- (d) Construction of product depot for the storage of petrol, gas or diesel which has the combined storage capacity of 60,000 barrels or more (excluding service station) within 3 kilometres from any commercial, industrial or residential area.**



## 10. PORTS

(a) Expansion of port involving an increase of 50 percent or more in handling capacity per annum.

(b) Expansion of fishing port involving an increase of 50 percent or more in fish landing capacity per annum.



## 11. POWER GENERATION AND TRANSMISSION

- a) Construction of steam generated power station using fossil fuels (other than coal) and having the capacity of 10 megawatts or more, with or without transmission line.
- (b) Construction of combined cycle power station, with or without transmission line.
- (c) Construction of transmission line in environmentally sensitive area.



## **12. DEVELOPMENT IN COASTAL AND HILL AREA:**

- (a) Construction of building or facilities with 80 rooms or more in coastal area.
- (b) Construction of hill-station resort or hotel at 300 meters or more above mean sea level covering an area of 20 hectares or more.



**13.**

## **DEVELOPMENT IN SLOPE AREA:**

Development or land clearing less than 50 per cent of an area with slope greater than or equal to  $25^{\circ}$  but less than  $35^{\circ}$ .



## **14. WASTE TREATMENT AND DISPOSAL**

- (a) Scheduled waste:**
  - (i) Construction of recovery plant (off-site);**
  - (ii) Construction of wastewater treatment plant (off-site);**
  - (iii) Construction of storage facility (off-site).**





## 14. WASTE TREATMENT AND DISPOSAL

(b) Solid waste:

- (i) Construction of composting plant;
- (ii) Construction of recovery plant or recycling plant.

(c) Sewage:

- (i) Construction of sewage treatment plant with 20,000 population equivalent or more;
- (ii) Sludge treatment facilities.



## 15. DREDGING

- (a) Capital dredging.
- (b) Disposal of waste dredged materials.



## 16. **HOUSING:**

Housing development covering an area of 50 hectares or more.



## 17. INDUSTRIAL ESTATE DEVELOPMEN T

Development of industrial estate covering an area of 20 hectares or more.



## 18. NEW TOWNSHIPS

Construction of new township consisting of 2,000 housing accommodation units or more or covering an area of 100 hectares or more.



## 19. QUARRY

Quarrying of  
rock  
material.



## 20. ROAD

- (a) Construction of expressways.
- (b) Construction of highways.
- (c) Construction of road, tunnel or bridge traversing or adjacent or near to environmentally sensitive areas.



## 21. WATER SUPPLY:

Groundwater  
development for  
industrial,  
agricultural or  
urban water  
supply of 4,500  
cubic metres or  
more per day.





# **SECOND SCHEDULE**

**[Subparagraph 3(1)]  
List of Prescribed  
Activities that require  
Public Display  
according to the  
Procedure as in the  
Environmental Impact  
Assessment Guidelines**



# 1. AGRICULTURE

- (a) Land development schemes covering an area of 500 hectares or more to bring forest into agricultural production.
- (b) New pig farming area of 2,000 or more standing pig population.



## 2. AERODROME

- (a) Construction of a new aerodrome involving a runway of 1,000 metres or longer.
- (b) Construction of aerodrome in or adjacent or near to any state park, national park, national marine park, island surrounding marine park or environmentally sensitive area.



### **3. DRAINAGE AND IRRIGATION**

- (a) Construction of man-made lakes and artificial enlargement of lakes with surface areas of 50 hectares or more in or adjacent or near to environmentally sensitive area.
- (b) Any drainage of wetland, wild-life habitat or of dry inland forest covering an area of 20 hectares or more.



## 4. FISHERIES

Land based aquaculture projects accompanied by clearing of mangrove swamp forest, peat swamp forest or fresh water swamp covering an area of 50 hectares or more.



## 5. FORESTRY

- (a) *Conversion of forest at 300 meters or more above mean sea level to other land use covering an area of 100 hectares or more.*
- (b) *Logging or conversion of forest to other land use within—*
  - (i) *a catchment area of reservoirs used for municipal water supply, irrigation or hydro-power;*
  - (ii) *an area adjacent or near to any state park, national park or national marine park;*
  - (iii) *any state park, national park or national marine park; or*
  - (iv) *an area gazetted as water catchment forest under the National Forestry Act 1984 [Act 313].*



## 5. FORESTRY

- (c) Logging, or cutting or taking of timber from forest at 300 meters or more above mean sea level covering an area of 100 hectares or more, outside permanent reserved forest.*
- (d) Logging, or cutting or taking of timber covering an area of 500 hectares or more.*
- (e) Development of planted forest covering an area of 500 hectares or more.*





## 5. FORESTRY

- (f) *Conversion of an area of—
  - (i) mangrove forest;
  - (ii) peat swamp forest; or
  - (iii) fresh water swamp forest,for industrial, housing or agricultural use covering an area of 50 hectares or more*
- (g) *Clearing of mangrove forest, peat swamp forest or fresh water swamp forest, on islands adjacent to any national marine park.*





## 6. INDUSTRY

(a) Non-ferrous—

- (i) Primary smelting aluminium (all sizes);
- (ii) Primary smelting copper (all sizes);
- (iii) Primary smelting other non-ferrous (producing 50 tonnes product or more per day).

(b) Cement:

With clinker production capacity of 30 tonnes or more per hour



## 6. INDUSTRY

(c) Iron and steel:

(i) Using iron ore as raw materials for production of 100 tonnes or more per day; or

(ii) Using scrap iron as raw materials for production of 200 tonnes or more per day.



## 6. INDUSTRY

(d) Petrochemicals:

Production capacity of each product or combined product of 50 tonnes or more per day.

(e) Pulp, or pulp and paper:

Production capacity of 50 tonnes or more per day.

(f) Recycle paper industry:

Production capacity of 50 tonnes or more per day.



## **7. LAND RECLAMATION:**

**(a) Coastal reclamation or land reclamation along river banks involving an area of 50 hectares or more.**

**(b) Coastal reclamation or land reclamation along river banks, within or adjacent or near to environmentally sensitive areas.**

**(c) Reclamation for man-made island.**



## 8. MINING

(a) Mining of minerals in new areas involving large scale operation.

(b) Mining of minerals within or adjacent or near to environmentally sensitive area.



## Large scale means

- ◆ i) in the case of extraction of minerals from primarily alluvial deposits, annual throughput of **3.5 million cubic metres per year**;
- ◆ (ii) in the case of underground mining operations, annual combined run-of-mine ore, waste and overburden production of **100,000 tonnes per year** (waste mineral not exiting mine mouth to be excluded); or
- ◆ (iii) in the case of open-cast mining operations extracting minerals from primarily non-alluvial deposits, annual combined run-of-mine ore, waste and overburden production of **300,000 tonnes per year**;
- » (b) with a capital and infrastructure investment exceeding one hundred and fifty million ringgit;
- » (c) with more than 250 employees or workers at the mine site on a typical day (including all shifts); or
- (d) **which uses any of the following practices:**
  - ◆ (i) extensive and continued use of explosive;
  - ◆ (ii) continuous floatation circuits; or
  - ◆ (iii) extensive and continued use of toxic chemical or agents.



## 9. PETROLEUM

(a) Construction of oil refineries;

(b) Construction of gas refineries; or

(c) Construction of oil and gas refineries.



## 10. PORTS

(a) Construction of a new port.

(b) Construction of a new fishing port.





## 11. POWER GENERATION AND TRANSMISSION

- (a) *Construction of coal fired power station and having the capacity of 10 megawatts or more with or without transmission line.*
- (b) *Construction of nuclear-fuel power station, with or without transmission line.*



## 12. DEVELOPMENT IN COASTAL AREA, NATIONAL AND STATE PARK

Development of tourist facilities, recreational facilities or other facilities—

(a) in any national park or state park;  
or

(b) on any island in surrounding waters which has been gazetted as a national marine park or marine reserve under the Fisheries Act 1985 [Act 317].



### **13. DEVELOPMENT IN SLOPE AREA:**

***(a)* Development or land clearing of 50 per cent or more of an area with slope greater than or equal to  $25^{\circ}$  but less than  $35^{\circ}$ .**

***(b)* Construction of road, tunnel or bridge traversing an area with slope greater than or equal to  $35^{\circ}$ .**



## **14. WASTE TREATMENT AND DISPOSAL**

### **(a) Scheduled waste:**

- (i) Construction of thermal treatment plant.**
- (ii) Construction of off-site recovery plant for lead acid battery wastes.**
- (iii) Construction of off-site recovery plant or treatment facility that generates significant amount of wastewater which is located at the upstream of public water supply intake.**
- (iv) Construction of secure landfill facility.**



## 14. WASTE TREATMENT AND DISPOSAL

(b) Solid waste:

- (i) Construction of thermal treatment plant.
- (ii) Construction of sanitary landfill facility.
- (iii) Construction of transfer station.



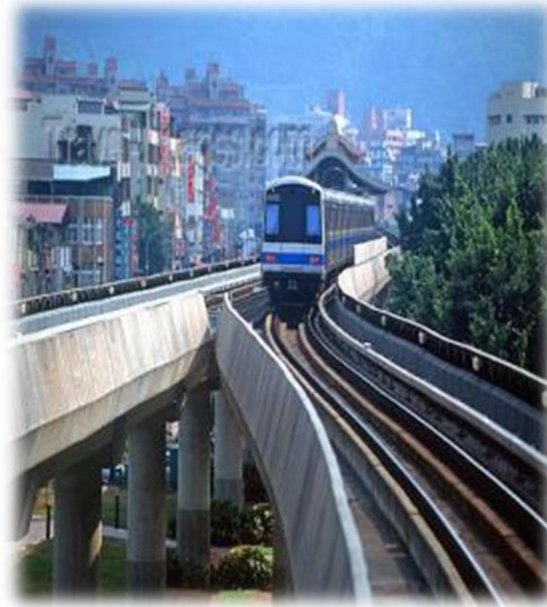
## 15. CONSTRUCTION OF DAM

- (a) *Construction of dam or impounding reservoir for the purpose of irrigation, flood mitigation, control of siltation, recreational, water supply or any other reason with a surface area of 100 hectares or more.*
- (b) *Dam and hydro-electric power scheme with either or both of the following -*
  - (i) *dam of 15 metres or more in height and ancillary structures covering a total area of 40 hectares or more;*
  - (ii) *reservoir with a surface area of 100 hectares or more.*



## 16. TRANSPORTATION

- (a) Construction of new routes or branch line for a mass rapid transport project.
- (b) Construction of new railway route or railway branch lines.







## **17. RADIOACTIVE MATERIALS AND RADIOACTIVE WASTE**

Any activity specified in this Schedule and the First Schedule using radioactive materials and generating radioactive wastes.



# End of Module 1

## Thank You



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