

MINES AND ENERGY

THE DEPARTMENT OF MINING AND ENERGY

**DECREE OF THE MINISTER OF MINING AND ENERGY
NUMBER : 390.K/008/M.PE/1995
DATED : MAY 2, 1995**

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**TECHNICAL GUIDELINES ON COMPOSITION OF
ENVIRONMENTAL MANAGEMENT EFFORTS AND
ENVIRONMENTAL MONITORING EFFORTS IN
UNDERGROUND WATER TAKING ACTIVITIES**

THE MINISTER OF MINING AND ENERGY,

Considering : that as the implementation of the elucidation of Article 2 paragraph (2) of Government Regulation Number 51 of 1993 and the THIRD Dictum of the Decree of the State Minister of the Environment Number KEP-12/MENLH/3/94, it is considered necessary to stipulate Technical Guidelines on Composition of Environmental Management Efforts (UKL) and Environmental Monitoring Efforts (UPL) in Underground Water Taking Activities.

Bearing in mind :

1. Act Number 11 of 1974 (State Gazette Number 65 Supplement to State Gazette Number 3046);
2. Act Number 4 of 1982 (State Gazette of 1982 Number 12 Supplement to State Gazette Number 3215);
3. Government Regulation Number 51 of 1993 (State Gazette of 1993 Number 84 Supplement to State Gazette Number 3538);
4. Presidential Decree Number 96/M of 1993 dated March 17, 1993;
5. Regulation of the Minister of Mining and Energy Number 02.P/101/M.PE/1994 dated December 26, 1994;
6. Decree of the State Minister of the Environment Number KEP-12/MENLH/3/94 Dated March 19, 1994.

HAS DECIDED :

To Stipulate :

FIRSTLY : The technical Guidelines on composition of Environmental Management Efforts (UKL) and Environmental Monitoring Efforts (MPL) in Underground Taking Activities, are as mentioned in the Attachment to this Ministerial Decree.

SECONDLY : The Technical Guidelines as referred to in the FIRST Dictum Constitutes a reference for the Director General of Geology and Mineral Resources for company Technical Guidelines on UKL (Environmental Management Efforts) UPL (Environmental Monitoring Efforts).

Stipulated at : JAKARTA
On : MAY 2, 1995

THE MINISTER OF MINING AND ENERGY
signed

I.B. SUDJANA

Attachment to :

The Decree of the Minister of Mining and Energy

Number : 390.K/008/M.PE/1995

Dated : May 2, 1995

**TECHNICAL GUIDELINES ON COMPOSITION OF
ENVIRONMENTAL MANAGEMENT EFFORTS AND
ENVIRONMENTAL MONITORING EFFORTS IN
UNDERGROUND WATER TAKING ACTIVITIES**

I. Introduction

1.1. Identity of the Initiator

- a. Name of the Company :
- b. Name and position of the responsible person :
- c. Type of the Company : BUMN (State Owned Undertaking Body)/BUMD (Region Owned Undertaking Body)/PT (Limited Liabilities Company)/Cooperative/Individual.
- d. Status of the Company : PMA (Foreign Capital Investment)/PMDN (Domestic Capital Investment).
- e. Address of the Company :
Telephone :
Fax :

1.2. Background of Conducting the Activities Plan.

1.3. Function and Objective.

The Technical Guidelines on Environmental management Efforts (UKL) and Environmental Monitoring Efforts (UPL) shall function as :

- 1. Reference in composing Technical Guidelines on Environmental management Efforts and Environmental Monitoring Efforts for the Directorate General of Mineral Resources Geology, for the attention of the Directorate of Environmental geology, Department of Mining and Energy.
- 2. Reference in composing Environmental management Efforts (UKL) and Environmental Monitoring Efforts (UPL) for the initiator for if the Technical Guidelines on Environmental Management Efforts (UKL) and Environmental Monitoring efforts (UPL) of the Directorate General of the Mineral Resources geology are not yet issued.

3. A binding instrument for the initiating party for implementing the environmental management and environmental monitoring Efforts.

1.4. Legal Basis

The legislative regulations, which constitute the basis of composing Environmental Management Efforts and Environmental Monitoring Efforts, are :

1. Act No. 11 of 1974 on Irrigation
2. Act No. 4 of 1982 on Basic provisions of Environmental Management
3. Government Regulation No. 22 of 1982 on Water Management
4. Government Regulation No. 51 of 1993 re Analysis or Environmental Impacts
5. Decree of the State Minister of the Environment No. 12/MENLH/3/1994 re General Guidelines on Environmental Management Efforts and Environmental Monitoring Efforts
6. Regulation of the Minister of Mining and Energy No. 02.P/101/M.PE/1994
7. Decision of the Director General of Geology and Mineral Resources No. 392.K/526/060000/85 re Implementation Guidelines Underground Water management
8. Regulations of the local Regional Administration and other regulations relating to the environment

II. Elucication on the Activities Plan

2.1. Location of the Activity

- Village
- District
- Regency
- Province
- The geographical location and the activity location map (attach the situation map with scale 1 : 2,500 and the topographical map with of scale 1 : 25,000. which illustrate the activities plan location by mentioning the title of the map, northern direction, scale of figures and graphics, legend, coordinates longitude and latitude, and the map index, in line with the norms according to cartography.
- Elucidation on other activities around the location.

2.2. Land

- Extent of the land area, used for the project activity
- Extent of the land area, used for supporting means
- the land status, whether it is already in line with the Lay-out General Plan (RUTR) or not (explain), and whether said land is overlapping with other sectors (transmigration, forestry, ... etc.) or not.

2.3. Activity Longevity Plan years.

2.4. Activity Plan

a. Preparation phase

1. The activity comprises :

- the survey activity
- the land release/liberation
- the land preparation
- mobilization of equipment and manpower
- construction of facilities and infrastructure
- recruitment of manpower
- drilling and making of wells
- others.

2. The time required : (days/months/year)

3. The number of manpower required : persons

b. Operation phase

1. The activities comprize :

- the taking of water
- water management
- the channeling of water
- others

2. The time required : (days/months/year)

3. The number of manpower required : persons.

b. Operation Phase

1. The activities comprise :

- the activities comprise.
- water management
- the channeling of water
- others

2. The time required : (days/months/year)

3. The manpower required : persons

c. The Past Operation phase

1. The activity comprizes :

- Termination of employment relationship
- Demobilization of equipment
- Dismantling of facilities and infrastructure
- Others

2. The time required : (days/months/year)
- 2.5. The equipment used in all phases of the activity, elucidate clearly, specification of the equipment the number of the equipment used.
- 2.6. Energy Source
Elucidation the type, capacity of the energy source, which is used.
- 2.7. The raw materials and auxiliary materials used :
Elucidate the type, number, nature, place of taking, transportation system, storage system, disposal method of the materials used.

III. Components of the environment affected by the Impacts

- 3.1. Hydrogeological components :
 - the decline of the land surface
 - the aquifer condition
 - condition of the absorption region spread
 - the quality of the ground water (shallow and deep)
 - the water utilization for other purposes.
- 3.2. The physiographical components
 - the rainfall
 - the evaporation
 - the morphological component
 - the geological component
 - the land utilization.
- 3.3. The social,- economic- and cultural components :
 - the social- economic- and cultural components;
 - the community's health.

The elucidation of the environmental components, which are affected by the impacts, should be included in the table and explanation given, with the reasons of filling out said table.

IV. The Environmental Management Efforts

- 4.1. The elucidation on the environmental management efforts to be implemented, is in line with the created impacts (Hydrogeological, physiographical, Social, cultural impacts).
- 4.2. Implementation of the Environmental Management Efforts :
 - The location of the environmental management is furnished with a map
 - The time of the management implementation
 - The Financing
 - The relative supervisor and Agency.

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