DECISION

OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA

No 676-N of 15 June 2017

ON APPROVING THE MODEL FORMS OF THE MINING WASTE MANAGEMENT PLAN AND THE MINING WASTE RE-PROCESSING PLAN

In accordance with part 6 of Article 60.3 of the Subsoil Code of the Republic of Armenia, the Government of the Republic of Armenia ***decides***:

1. To approve:

   (1) the model form of the mining waste management plan, pursuant to Annex No 1;

   (2) the model form of the mining waste re-processing plan, pursuant to Annex No 2.

2. This Decision shall enter into force on the tenth day following the day of its official promulgation.

Prime Minister of the Republic of Armenia **K. Karapetyan**

21 June 2017

Yerevan

Annex No 1

to Decision of the Government
of the Republic of Armenia No 676-N
of 15 June 2017

MODEL FORM

OF THE MINING WASTE MANAGEMENT PLAN

1. The mining waste (hereinafter referred to as " the waste") management plan shall be drawn up and submitted in paper-based or electronic form and shall include:

   (1) title page;

   (2) data on the waste generating organisation;

   (3) description of the location and boundaries of the waste facility;

   (4) information submitted for characterisation of the waste:

      a. for inert waste — description of the physical properties of the waste;

      b. for non-hazardous, non-inert waste and hazardous waste — description of the short-term and long-term physical and chemical characteristics of the waste, in particular, the stability of the latter in ground atmospheric conditions. The type of minerals and nature of any surface layer to be removed must be presented,

   (5) characterisation of the waste according to the following sections:

      a. general information (composition of the waste, aggregate state, type of the waste, hazard class, solubility in water, size of solid particles, average density at the time of placement, etc.);

b. geological characteristics of the exploited mine and minerals,

c. nature of the waste generated and envisaged processing thereof;

d. geochemical properties and behaviour of the waste,

(6) presentation of the waste-generating activity, by describing where and how the waste is generated. One or several areas may be presented, for instance removal of the surface layer for the assessment of the available resource and the generation of the waste during mineral re-processing;

(7) section on volumes of the generated waste, in which information on all areas and types of the available waste shall be presented, and the annual volumes of the waste to be placed shall be indicated,

(8) methods of re-processing or neutralisation of the generated waste;

(9) information on the classification of the waste facility by indicating that the waste facility is classified as a facility of category "A" or by presenting justification that the facility does not correspond to category "A";

(10) description of the method of transportation, placement of the waste and storage thereof, including information:

a. as to where and how the waste is transported during the activities of subsoil use, for instance by truck or conveyor, and on the place of final placement of the waste;

b. as to where and how the waste is stored, for instance in heaps or accumulators;

c. on the capacity of the waste facility (waste acceptance capacity). Estimation of the initial (design) and residual capacity of the waste facility shall be presented here;

d. on the existence of a fence, gates and other security measures at the waste facility;

e. on the main and secondary roads leading to the waste facility;

(11) the structural scheme of the activities related to the waste, to which the layouts of the territories and the statement representing the structure of the waste management area shall be attached;

(12) information on the possibility of occurrence of emergency situations, measures for localisation and elimination of their consequences;

(13) action plan in emergency situations;

(14) deployment of safety management systems;

(15) methodical instructions for waste handling and reduction of their generation volumes and hazard levels;

(16) potential negative impact of waste on the environment (atmospheric air, soil, water resources, biodiversity) and human health, as well as measures for their prevention and mitigation, including during or after the closure of waste facilities;

(17) environmental monitoring programme in the waste facility and adjacent areas, analysis of the monitoring data, maintenance of and control over the facility;

(18) information on the financial and technical capabilities and resources necessary for waste management.

Chief of Staff of the Government of the Republic of Armenia **V. Stepanyan**

Annex No 2

to Decision of the Government
of the Republic of Armenia No 676-N
of 15 June 2017

MODEL FORM

OF THE MINING WASTE RE-PROCESSING PLAN

1. The mining waste (hereinafter referred to as " the waste") re-processing plan shall be drawn up and submitted in paper-based or electronic form and shall include:

   (1) title page;

   (2) data on the organisation which re-processes mining waste;

   (3) description of the location and boundaries of the mining waste re-processing facility, by clearly indicating whether or not the mining waste may be re-processed at the given place;

   (4) description of the system of transportation of waste to the re-processing facility thereof;

   (5) characterisation of the waste stored in the waste re-processing facility according to their types, hazard class and volumes;

   (6) information on the capacity of the waste re-processing facility and the total volume of the waste to be re-processed;

(7) description of waste re-processing and detoxification, including information:

a. on all chemicals used during waste re-processing and their stability;

b. as to where and how the waste is re-processed, such as crushing (milling), sorting, washing, etc. Data on the equipment being used (size, capacity, frequency of use, etc.) and where such activities are taking place;

c. on the existence of a fence, gates and other security measures at the waste re-processing facility;

d. on the main and secondary roads leading to the waste re-processing facility;

(8) risk assessment — potential negative impact on the environment (atmospheric air, soil, water resources, biodiversity), adjacent and/or affected communities, historical, cultural and natural monuments;

(9) information on the financial and technical capabilities and resources necessary for waste re-processing;

(10) Description and implementation of the procedures for observance of the waste re-processing facility, including sampling places, frequency, compliance indicators such as minimum dam capacity, pore pressure, groundwater level, drainage system operation, surface water removal, dam displacement, slope stability;

(11) description of the activities aimed at reducing the negative impact on environmental components;

(12) measures for environmental control;

(13) facility closure, re-cultivation and post-closure programme, which shall indicate the end of operation of the facility, the envisaged use of the soil after the end of the operation and ensuring of a long-term stability of physical, geotechnical and biological parameters, as well as, where necessary, restoration of the ecosystem;

(14) action plan in emergency situations.

Chief of Staff of the Government of the Republic of Armenia **V. Stepanyan**