

Република Србија
Министарство пољопривреде и
заштите животне средине
Немањина 22-26
11000 Београд
Србија



Republic of Serbia
Ministry of Agriculture
and Environmental Protection
22-26, Nemanjina Str.
11000 Belgrade
Serbia

Број / NO: 353-02-1533/2016-16
Датум/Date: July, 29. 2016

Mrs Ivelina Vassileva

Ministry of Environment and Water of Bulgaria,
Minister's Cabinet
22 Maria Louiza Blvd, Sofia, Bulgaria

Dear Minister,

In accordance with art. 3 of the Convention on environmental impact assessment in a transboundary context (ESPOO), we hereby notify you that Serbia intends to develop the project „Construction of an experimental “pilot” facility for technology testing of flotation processing of copper, lead and zinc ore, on the territory of Karamanica, municipality of Bosilegrad”.

We are enclosing the Notification to an affected Party of a proposed activity as required by article 3 and by Decision I/4 of the Parties to the Espoo Convention.

Would you be so kind as to notify us as soon as possible but no later than 6 weeks from the day of the receipt of this notification, if Bulgaria would like to participate in the EIA procedure.

In the case that your decision is to participate in the procedure, please send the response to the notification, including information on the potentially affected environment, on the activities within the potential affected region etc., in the format required by Decision I/4 of the Parties to the Espoo Convention.

We look forward to accessible cooperation between our two ministries.


Sincerely yours,



Snežana Bogosavljević Bošković
Snežana Bogosavljević Bošković, PhD

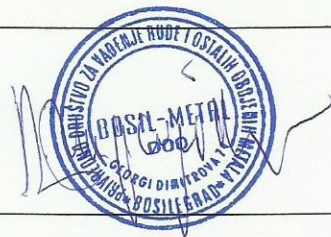
NOTIFICATION TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY UNDER ARTICLE 3 OF THE CONVENTION

| 1. INFORMATION ON THE PROPOSED ACTIVITY | |
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| (i) Information on the nature of the proposed activity | |
| Type of the activity proposed | Construction of an experimental "pilot" facility for technology testing of flotation processing of copper, lead and zinc ore. |
| Is the proposed activity listed in Appendix I to the Convention? | Yes |
| Scope of proposed activity (e.g. main activity and any/all peripheral activities requiring assessment) | <p>The main activity is construction of the "pilot" plant on the territory of Karamanica, municipality of Bosilegrad which includes construction of:</p> <ul style="list-style-type: none"> • the facility for ore crashing and sift, • the building for grinding, classing, flotation and filtration, • the facilities for thickening of copper, lead and zinc concentrate and intermediate product, • the precipitator, • the temporarily landfill of intermediate product. <p>The working result of "pilot" plant will be used to determine the optimal technological parameters for future flotation plant.</p> |
| Scale of proposed activity (e.g. size, production capacity, etc.) | The "pilot" facility has the limited capacity (an average of 3,53 t/h) and duration (2-3 years). |
| Description of proposed activity (e.g. technology used) | The proposed activity is testing of the flotation processing of the copper, lead and zinc ore in the "pilot" facility. The poly metallic ores from the ore deposits in Karamanica, municipality of Bosilegrad, near the Serbian border with Bulgaria and Macedonia, will be used. |
| Description of purpose of proposed activity | The "Pilot" facility should be used to determine the optimal parameters and equipment for future flotation plant, whose implementation is planned in the coming years. |
| Rationale for proposed activity (e.g. socio-economic, physical geographic basis) | <ul style="list-style-type: none"> • Exploitation and treatment of the poly metallic ore in Karamanica will improve economical growth of the local communities, • Capacity of the poly metallic ore is satisfactory in terms of exploitation and their processing, • The area is far away from residential area and densely populated zones, • Within the boundaries of the area there are no protected natural and cultural resources, • In the proximity, there are no water supplies, sports fields, tourist locations and areas of public or other contents which could be jeopardized. |
| Additional information / comments | |
| (ii) Information on the spatial and temporal boundaries of the proposed activity | |
| Location+ | The project is planned in the sought-east part of Serbia, in Karamanica, municipality of Bosilegrad in Pcinja region. The location is about 40 km sought-west of Bosilegrad, near the Serbian border with Bulgaria and Macedonia. |

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| Description of the location (e.g. physical-geographic, socio-economic characteristics) | The location is in rural mount area on approximately 1250 m elevation. This is scarcely populated area. Nowadays, in Karamanica there is 47 inhabitants. Their main activities are agriculture and mining. The largest settlement in vicinity is Bosilegrad, 40 km north-east from the location. |
| Rationale for location of proposed activity (e.g. socio-economic, physical-geographic basis) | <ul style="list-style-type: none"> • The location of the planned "pilot" plant is in earlier approved exploitation field, • The location is in accordance with development documents of local municipality (The spatial plan of Bosilegrad municipality), • Capacity of the poly metallic ore is satisfactory in terms of exploitation, • The area is far away from residential area and densely populated zones, • <i>Within the boundaries of the area there are no protected natural and cultural resources,</i> • In the proximity, there are no water supplies, sports fields, tourist locations and areas of public or other contents which could be jeopardized. |
| Time frame for proposed activity (e.g. start and duration of the construction and operation) | <p>Start of construction is expected in September 2016. It is assumed that production life expectancy of "pilot" plant is two or three years.</p> <p>After that period, construction of flotation plant for processing of the poly metallic ore is planned. The capacity and equipment of flotation plant will be based on testing results of the "pilot" plant.</p> |
| Maps and other pictorial documents with the information on the proposed activity |  |
| Additional information/comments | |
| (iii) Information on the expected environmental impacts and proposed mitigation measures | |
| Scope of assessment (e.g. consideration of cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities, etc.) | <p>Scope of the impact includes:</p> <ul style="list-style-type: none"> • big permanent influence on mineral raw material (poly metallic ore) , • little impact on soil, because the earlier activities have led to changes in the composition of the surface layer of soil, • earlier activities have also led to changes in flora and fauna, so there no additional influence, • <i>air and water will be exposed to the weak transient influence,</i> • positive influence on inhabitants, because of employment, maintenance of roads, water supplying system etc, • there is no influence on the climate. |
| Expected environmental impacts of the proposed activity (e.g. types, locations, magnitudes) | During the execution of works on construction of "pilot" plant will be small negative impacts on soil, water, air and noise. During the |

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| | <p>operational activities, some negative impact on soil, water and noise level and vibration could be occurred.</p> <p>Impacts on the population are enduring positive and negative impacts. This project opens the possibility for directly and indirectly creation of new jobs, better roads and other infrastructure (electrical and water supplying, availability of internet etc.). On the other hand, there would be some local impact on water, soil and noise.</p> <p>The project will be complied with prescribed protection measures.</p> |
| Inputs (e.g. raw material, power sources, etc.) | <p>The project realization includes using of the following inputs:</p> <ul style="list-style-type: none"> • poly metallic (Cu-Pb-Zn) ores (3,53 t/h), • water (approximately 10 m³/h), • electric power (about 89 kWh/t of ore), • potassium ethyl xanthate (3,3 kg/day), • potassium amyl xanthate (1,4 kg/day), • sodium cyanide (5,8 kg/day), • zinc sulphate (39,3 kg/day), • copper sulphate (29,9 kg/h), • sodium sulphate (2,6 kg/day), • sodium bicarbonate (39,9 kg/day), • lime (99,6 kg/day), • flocculent (1,7 kg/day) etc. |
| Outputs (e.g. amounts and types of: emissions into atmosphere, discharges into the water system, solid waste) | <p>Solid waste generated as the construction residue:</p> <ul style="list-style-type: none"> • excess earth from land works, • concrete from construction of concrete basis, • wooden planks from construction of concrete basis, • pieces of metal framework and other steel and metal parts – metal waste, • plastic and other communal waste created by the workers engaged on the construction, • intermediate product which will be temporarily postponed to landfill with maximal capacity of 24.000 m³. This intermediate product will be used in the flotation processes in the future flotation plant, • Waste generated during the service and maintenance of the "pilot" plant's equipment (metal and steel parts, plastic, cables, electrical circuits, used oils), • paper jumbo-bags for lime packaging, • used tires, • municipal solid waste, • sludge from septic tank, etc. |
| Transboundary impacts (e.g. types, locations, magnitudes) | <p>There are no settlements near the border. There are no protected areas near the border. Small transboundary impact is possible only in the case of an accident, if some chemicals would be poured in the nameless brook. However, this transboundary impact is unlikely, because Bulgarian border is about 60 km downstream from the location of the "pilot" plant and amounts of chemicals are small. Also, the nameless brook passes through the tube in exploitation field. The ultimate recipient of the nameless brook is the river Dragovistica.</p> |
| Proposed mitigation measures (e.g. if known, mitigation measures to prevent, eliminate, minimize, compensate for environmental effects) | <p>The measures of environmental protection are listed through the request for the first phase of the procedure of environmental impact assessment, as follows:</p> <ul style="list-style-type: none"> • Measures for landscaping that are to be taken during the implementation of the Project, • Technical/technological measures, • Sanitary and hygienic measures of environmental protection, • Accident management measures, • Measures in accordance with the law and other regulations, norms and standards, • Measures of environmental protection in case the construction is permanently aborted. |
| Additional information/comments | |
| (iv) | |

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| Name, address, telephone and fax numbers | Bosil-metal doo Georgi Dimitrova 74 Bosilegrad Telephone +381 64 862 92 21 Manager Miodrag Vukajlovic |
| (v) | |
| Is the EIA documentation (e.g. EIA report or EIS) included in the documentation? | Yes |
| If no/partial, description of additional documentation to be forwarded and (approximate) date(s) when documentation will be available | |
| Additional information/comments | |
| 2. | |
| (i) | |
| Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers | Ministry of agriculture and environmental protection Omladinskih brigade 1 11070 Novi Beograd Tel: +381 (0)11 31 31 356 |
| List of affected Parties to which notification is being sent | Ministry of Environment and Water of Bulgaria, 22 Maria Louiza Blvd. Sofia, 1000 Bulgaria, Ministry of Environment and Physical Planning of Republic of Macedonia, 18 Goce Delcev Blvd. Skopje, 1000 Republic of Macedonia |
| (ii) | |
| Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers | Ministry of agriculture and environmental protection Omladinskih brigade 1 11070 Novi Beograd Tel: +381 (0)11 31 31 356 |
| Decision-making authority if different than authority responsible for coordinating activities relating to the EIA - Name, address, telephone and fax numbers | |
| 3. | |
| (i) Information on the EIA process that will be applied to the proposed activity | |
| Time schedule | The request for the first phase of the procedure of environmental impact assessment has been sent to the Ministry of agriculture and environmental protection on July 18, 2016. The first phase of the procedure of environmental impact assessment lasts at least 30 days. |
| Opportunities for the affected Party or Parties to be involved in the EIA process | Convention on Environmental Impact Assessment in a Transboundary Context (Espoo, 1991) |



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| Opportunities for the affected Party or Parties to review and comment on the notification and the EIA documentation | Convention on Environmental Impact Assessment in a Transboundary Context (Espoo, 1991) – Republic of Bulgaria and Republic of Macedonia are entitled to respond to the notification within six weeks upon receiving it. |
| Nature and timing of possible decision | <p>The competent authority shall inform the authorities, organizations, and public concerned about the submitted application for a decision on the need for an impact assessment within ten days from the date of receipt of the complete application.</p> <p>The project developer, the authorities and organizations, and the public concerned may submit their opinions within ten days from the date of receipt of the notice referred to previous paragraph.</p> <p><i>The competent authority shall decide on the application taking into account specificities of the project and location, as well as the opinions of the authorities, organizations and the public concerned and submitted opinions from affected parties within ESPOO procedure.</i></p> |
| Process for approval of the proposed activity | Approval of the Study on Environmental Impact or the Decision establishing that EIA Study shall not be needed is one of the conditions for obtaining the permit for construction under Law on mining and Geological Explorations. |
| Additional information/comments | |
| 4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN | |
| Public participation procedures | <p>The first phase of the request for Environmental Impact Assessment will be published on the web site of the Ministry of agriculture and environmental protection of the Republic of Serbia. During a period of ten days the content of the request will be available to the public, and everyone (individuals and organizations) can send his comments and complains on the request to the Ministry.</p> <p>Decision to the first request is advertised for ten days and after that it becomes final.</p> |
| Expected start and duration of public consultation | Publishing of the first phase of the request on Environmental Impact assessment is expected during July. Advertising will last for 10 days. |
| Additional information/comments | |
| 5. DEADLINE FOR RESPONSE | |
| Date | Six weeks upon receiving the notification |