

Government of the People's Republic of Bangladesh
Department of Environment
Head Office, Paribesh Bhaban
E-16 Agargaon, Dhaka-1207
www.doe.gov.bd

Memo No: 22.02.0000.018.72.065.23. 140

Date: 16/10/2023

Subject: Environmental Clearance for Maddhapara Granaite Mining Company Limited (MGMCL) at Maddhapara, Parbatipur, Dinajpur.

Ref: Your Application dated 28/03/2023 and 01/10/2023.

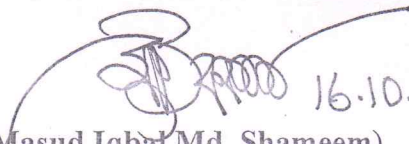
With reference to the above, the Department of Environment (DoE) hereby accords Environmental Clearance to Maddhapara Granaite Mining Company Limited (MGMCL) at Maddhapara, Parbatipur, Dinajpur subject to the compliance of terms and conditions and environmental safeguards as under:

1. This Environmental Clearance is valid for mining of granite rock in an area of 119.96 acre for production of 1.65 MTPA.
2. The activity under Maddhapara Granite Mining Company Limited (MGMCL) shall not release any pollutant that affect human health or will have damaging impact on the environment or natural resources.
3. Proper and adequate mitigation measures shall be ensured throughout project activities.
4. The project proponent shall not fill in any wetland, pond and lake or make any diversion of natural water courses in the project area.
5. Proper and adequate sanitation facilities shall be ensured in labor camps throughout the project area.
6. In order to control noise pollution, vehicles & equipment shall undergo regular maintenance; working during sensitive hours and locating machinery close to sensitive receptor shall be avoided.
7. No solid waste can be burnt in the project area. An environment friendly solid waste management system should be in place during the whole period of the project in the field.
8. Proper and adequate on-site precautionary measures and safety measures shall be ensured so that no habitat of any flora and fauna would be endangered or destructed.
9. All the required mitigation measures suggested in the EMP report along with the emergency response plan are to be strictly implemented and kept operative/functioning on a continuous basis.
10. To control the production of dust at source, the crusher and in-pit belt conveyors shall be provided with mist type sprinklers.
11. Mitigating measures shall be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient numbers of water sprinklers. Adequate corrective measures shall be undertaken to control dust emissions as presented before the Environmental Clearance Committee, which would include mechanized sweeping, water

sprinkling/mist spraying on haul roads and loading sites, long range misting/fogging arrangement, wind barrier wall and vertical greenery system, green belt, dust suppression arrangement at railway siding, etc.

12. Adequate dust control system with dust extraction and bag filters at unloading areas and crusher chamber shall be maintained and kept functioning on a continuous basis.
13. Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings shall be continued till movement ceases completely.
14. Surface drains (size, gradient and length) around the mine shaft and low lying areas and retention pond capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Retention pond capacity shall also be provided adequate retention period to allow proper settling of silt material. Sufficient number of pumps of adequate capacity shall be deployed to pump out mine water during peak rainfall.
15. The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring shows a declining trend of ground water level.
16. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
17. Adequate facilities should be ensured for silt trap to avoid clogging of drain/canal/water bodies.
18. The waste water generated from production shall be settled in the settling basin. After settling, the water shall be re-circulated and reused within the plant.
19. Sediment trapping system should be maintained properly.
20. The storage of flammable or hazardous materials including explosives shall be located, designed, equipped and operated in accordance with explosives, fire and safety codes.
21. The project authority shall provide the workers Personal Protective Equipment (PPE) such as safety boots, helmets, masks, gloves, protective clothes, goggles, full-face eye shields and ear protection.
22. Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed along the mine lease area in a phased manner. The green belt comprising a mix of native species shall be developed all along the major approach/ granite transportation roads.
23. As described in the report environmental monitoring should be strictly followed and monitoring report should be shared with DoE to ensure the environmental management properly.
24. A third party/independent monitoring bodies excluding project authority should be engaged for monitoring of all the activities as per monitoring plan of EMP report and monitoring report must be submitted to Dinajpur District Office of the Department of Environment.
25. Regular monitoring of the susceptible places for protecting ecosystem, biodiversity and forest coverage should be made using latest high resolution image for keeping ambient environment.
26. Air quality (PM₁₀ and PM_{2.5}), should be monitored regularly and report of monitoring results should be submitted to Dinajpur District Office of the Department of Environment.

27. There should be regularly disclosure of the report through workshops and websites and responses should be taken care accordingly.
 28. The project authority should provide all sort of logistics support to DoE for monitoring environment related items/events.
 29. The Environmental Management Plan (EMP) shall strictly be implemented and kept functioning on a continuous basis.
 30. The following records must be kept in respect of any samples required to be collected for the purposes of environmental monitoring activities :
 - (a) the date(s) on which the sample was taken;
 - (b) the time(s) at which the sample was collected;
 - (c) the point at which the sample was taken; and
 - (d) the name of the person who collected the sample.
 31. In case of pollution incidents, the following information shall immediately be reported to Dinajpur District Office of the Department of Environment
 - (a) Nature of incident (oil spill, fire, accident, collision, land slide etc.)
 - (b) Personnel affected (injured, missing, fatalities, etc.)
 - (c) Emergency support available and its location (standby transport, medical facilities, etc.)
 - (d) Weather conditions
 - (e) Current operations (abandoning the site, firefighting, etc.)
 32. No change in mining method and scope of work shall be made without obtaining prior approval of the Department of Environment.
 33. Violation of any of the above conditions shall render this approval void.
 34. This Environmental Clearance is valid for one year from the date of issuance and the project authority shall apply for renewal to the Dinajpur District Office of DoE in Dinajpur.
- This Environmental Clearance has been issued with the approval of the appropriate authority.


(Masud Iqbal Md. Shameem)
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Maddhapara, Parbatipur, Dinajpur.

Copy Forwarded to:

- 1) Director, Department of Environment, Rangpur Divisional Office, Rangpur.
- 2) Assistant Director, Department of Environment, Dinajpur District Office, Dinajpur.
- 3) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.