



The Managing Director,
J&K Minerals Ltd.
J&K Government Undertaking
SanatGhar, Bemina, Srinagar

Subject: Grant of Environment Clearance for "Minor Mineral (River Bed Material), Block No.1, Tawi River Upstream Salmeh, Bridge District Udhampur, Area-4.24 Ha, Village- Jakhian, Tehsil & District- Udhampur, J&K.

Reference: 1. Minutes of the Meeting of JKEAC held on 20.07.2020.
2. Minutes of the Meeting of JKEIAA held on 23.07.2020.

Kindly refer your application received in this office on 29.06.2020 under proposal No: SIA/JK/MIN/160830/2020 for Grant of Environmental clearance for minor mineral (River Bed Material) Block No.I, Tawi River Upstream Salmeh, Bridge District Udhampur, Area-4.24 Ha, Village- Jakhian, Tehsil & District-Udhampur, J&K.

The above quoted case was discussed in the meetings of JK Expert Appraisal Committee held on 20.07.2020 and in the meeting of JK Environment Impact Assessment Authority held on 23.07.2020.

The mining project lies within the following Geo-coordinates.

| Pillars | Latitude | Longitude |
|----------------|-----------------|------------------|
| A | 32°56'33.16"N | 75° 9'43.59"E |
| B | 32°56'36.40"N | 75° 9'38.39"E |
| C | 32°56'42.33"N | 75° 9'37.26"E |
| D | 32°56'47.63"N | 75° 9'36.96"E |
| E | 32°56'56.92"N | 75° 9'39.80"E |
| F | 32°56'55.90"N | 75° 9'37.29"E |
| G | 32°56'46.30"N | 75° 9'34.71"E |
| H | 32°56'35.58"N | 75° 9'37.43"E |
| I | 32°56'32.04"N | 75° 9'43.03"E |

The JKEIAA in its meeting held on 23th July, 2020 decided to uphold the recommendations of the Committee and agreed to accord Environment Clearance in favour of M/S JK Minerals Ltd., for above quoted project under Environment Impact Assessment Notification dated September, 2006 as amended from time to time subject to the fulfilment of following specific and General Conditions as stipulated by the Committee in the Minutes of the Meeting held on 20-07-2020.

Specific Conditions:

1. This Environmental Clearance is granted subject to final outcome and without prejudice to any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
2. This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, Govt. w.r.t river bed mining activity.
3. This environmental clearance is subject to No objection certificates from the concerned stake holder departments like; Irrigation & Flood Control Department, Fisheries Department, Public Health Engineering Dept. and no mining operations shall be started on ground without obtaining these NOCs.
4. The EC holder shall not be granted mining lease unless and until it is ascertained from the Forest Department that the Mining Block falls outside the demarcation line of the territorial forest land. In case, it is found to be contrary, the EC holder shall have to obtain Forest Clearance under the Forest Conservation Act, 1980 and the rules made thereunder. In case, he fails to obtain the other clearances, the EC shall automatically be rendered invalid and void.
5. The Project proponent shall obtain Clearance from Standing Committee of National Board for Wildlife for this Mining Project, if applicable.
6. The Project proponent shall obtain Consent to Operate from the J&K Pollution Control Board/Committee and effectively implement all the conditions stipulated therein.
7. Excavation shall be carried out upto a maximum depth of 1.0 meter from the surface of the river bed or 1 meter above the water level whichever is reached earlier.
8. The District Mineral Officer shall monitor the replenishment of the mined out areas, traffic management, levels of production, river bank erosion, exit point of the Mineral Block and instruct the Project proponent for initiating measures for mitigating environmental concerns.
9. The Project proponent shall ensure that the link roads leading to the Mineral Block do not get damaged due to transportation of the mined out mineral and transportation of minerals will be as per IRC guidelines w.r.t axle load specified for the road.
10. The mineral transportation shall be only through covered trucks and vehicles carrying the minerals will not be overloaded.
11. Water sprinkling of the roads leading to the Mineral Block should be undertaken adequately.

12. Permanent pillars with depth of 1.5 m below ground and 1.2 m above ground should be installed at all vertices of the mineral Block marking its limits showing geo-coordinates, Mineral Block No., Village Name, Lease Area and other details leaving 15% of river width from bank untouched.
13. The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
14. The project proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by night operations and all measures must be taken for keeping the noise levels within prescribed levels.
15. Transportation of minerals passing through villages shall not be allowed. A bypass road/s leaving a gap of 200 m shall be constructed if link road passes through villages.
16. Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
17. A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
18. The PP shall submit annual replenishment report certified by Geology & Mining Department. In case the replenishment is lower than the projected rate of production, then the mining activity/ production levels shall be decreased/stopped forthwith.
19. To maintain stability and safety of the river banks, appropriate width as admissible under rules will be left as 'No Mining Zone'.
20. The stream shall not be diverted for the purpose of sand mining.
21. No blasting operations shall be allowed.
22. Mining shall be done manually minimally supported by semi-mechanized methods.
23. The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
24. The EC holder shall keep proper account of the quantity of mineral mined out, despatched from the mine, mode of transport, registration No. of the vehicle.
25. The regulatory authority concerned should use Information and Communication Technology for monitoring the mining operation and transportation of the mined out mineral as per guidelines provided in the Notification No. SO No. 141(E) of 2016.
26. Spring sources if any should not be disturbed during the mining operations.
27. Mining shall be carried out 500 mts. away from civil structures, irrigation schemes, water supply treatment plants, flood protection structures and 25 m from the edge of National/State Highways.
28. The Project proponent shall appoint an occupational health specialist for the treatment of mine workers and their regular health check-up.
29. CSR activities as applicable to the project shall be undertaken by the Project Proponent in a systematic manner after conducting door to door survey to ascertain the needs of neighbourhood, in consultation with local

Panchayat and the report shall be submitted to the MoEF&CC and its Regional Office at Chandigarh on six monthly basis.

30. Alteration or re-routing of footpaths, cart roads, village link roads shall be avoided to the extent possible. However, where such acquisition becomes necessary, alternative arrangements with better infrastructure/quality shall be made before initiating work in the area. This should be based on inspection reports of the expert representatives of the concerned stake holder departments.
31. The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
32. Restoration of the flora effected by mining operations should be done immediately and at least 50 trees of indigenous species per hectare should be planted and maintained by the EC holder along the banks of the river adjacent to the Mining Block. The local Panchayat shall be involved in identification of land, planting and the trees/plantation shall be handed over to the local panchayat after the lease period.
33. Protection of turtle, bird habitat, fish habitat and other aquatic life shall be maintained by providing requisite corridors across the Mining block along the gradient.
34. Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the banks wherever required.
35. No overhangs shall be allowed to be formed due to mining operations and mining shall not be allowed where subsidence of rocks is likely to occur due to steep slope.
36. No extraction shall be allowed in landslide prone areas.
37. Site clearance and tidiness shall be maintained to have minimum visual impact due to mining. Dumping of waste shall be as per prescriptions in the approved mining plan. The rubbish burial shall not be allowed in the river system.
38. Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
39. No staking of material shall be allowed along the banks and roadside.
40. The project proponent will specify / notify the route of extraction and along with other adjacent mine lease holders transporting minor mineral through Kacha road shall jointly black top it to prevent air pollution in the area.
41. The project proponent shall submit a revised surface plan of the mining block area to the JKEAC for record and reference before grant of EC. Its specifications / measurements be made public by a display board at the mining site.
42. Adhering to the permissible maximum depth of 1 metre, the annual mineral extraction should not exceed to 95400 m tons (42400x1x2.25). This can be revised as the replenishment studies data of the area is known and submitted to JKEIA

General Conditions:

1. The EC holder shall take all measures for protection of Environment and control of Pollution.

2. No change in mining methodology shall be allowed without prior approval of the MoEF&CC.
3. There should be no change in the calendar plan and excavation and quantity of minerals.
4. The project proponent shall obtain all clearances from the stake holder departments prior to the execution of lease on ground.
5. Regular monitoring of the ground water to be carried out at upstream and depth of water in the dug-up areas to be measured and recorded twice a year.
6. Monitoring of the ambient Air quality be carried out as per Notification of 2009 as amended from time to time by the CPCB. Water sprinkling to be undertaken at the loading, unloading and transfer points.
7. Regular monitoring of the flow rate of the water flowing in and around the mine lease should be carried out.
8. Regular monitoring of the ground water and its quality shall be carried out in four seasons of the year viz. pre-Monsoon, Monsoon, Post monsoon and winter and the data so collected be sent to the MoEF&CC and the Central Ground water Board.
9. The critical parameters of the Air and water shall be monitored within the impact zone of the Mine lease particularly in the nearby habitations. The standing instructions issued from time to time by the MoEF&CC and available on its website at moef.gov.in shall be referred in this regard for compliance.
10. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
11. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided training in safety and health care aspects.
12. The COVID-19 Standard Operating Procedures shall be put in place while executing the mining lease.
13. Funds earmarked for environmental protection should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure statement should be submitted to the MoEF&CC and its Regional Office at Chandigarh.
14. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
15. The EC holder shall submit half yearly compliance reports w.r.t compliance of EC conditions to the MoEF&CC at its office Chandigarh, Central Ground Water Board and the JK Pollution Control Board/Committee.
16. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
17. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
18. The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and

copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.

19. The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine lease if it is found to be in the interest of environmental protection.
20. Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
21. This environmental Clearance shall be valid for a period of three years only and the validity shall be reviewed in the light of updated District Survey Report based on replenishment survey, provided an application for such extension is filed by the EC holder at least one month before such expiry.
22. An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Sd/-

Lal Chand, IFS (Rtd)
CHAIRMAN, S.E.I.A.A.

No: JKEIAA/2020/206/560-67

Dated: 24-7-2020

Copy to the:-

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1. Commissioner/Secretary to Govt., Industries & Commerce Department, J&K Govt., Civil Secretariat, for favour of information.
2. Commissioner/Secretary to Government, Forest Ecology & Environment Department, J&K Government Civil Secretariat, for favour of information.
3. Chairman, J&K Pollution Control Board, Jammu. He is requested to properly monitor the Environment clearance conditions and monitoring report thereof may be submitted to this office quarterly failing which EC so issued will be treated as null and void.
4. Addl. Pr. Chief Conservator of Forests (Central) Ministry of Environment Forest & Climate Change, Government of India Bay No.24-25 31-A Dakshan Mark Chandigarh-160030 for favour of information.
5. Secretary, JK Expert Appraisal Committee, Srinagar for information.
6. Deputy Commissioner, Udhampur. He is requested for giving requisite publicity as per procedure & to monitor the compliance of E.C. conditions. In case the E.C. conditions and Pollution control measures are not implemented/installed by the project proponent; the unit may be closed forthwith.
7. Mr. Anil Saproo, P.A., he may also upload the E.C. on departmental website.

Neelu Gera
24/7/2020

Dr. Neelu Gera, IFS
Pr.CCF/Director, EE&RS
Member-Secretary, JKEIAA