



0191-2474553/0194-2490602

Ministry of Environment, Forest & Climate Change, Govt. of India.

J&K EXPERT APPRAISAL COMMITTEE

Department of Ecology, Environment & Remote Sensing

Paryavaran Bhavan, Gladeni, Transport Nagar, Narwal, Jammu Tawi(November-April)

SDA Housing Colony, Bemina, Srinagar, Kashmir(May-October)

Email:seacers@gmail.com, Website:www.parivesh.nic.in



## MINUTES OF MEETING

**MINUTES OF 3<sup>rd</sup> MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 16/12/2019 to 18/12/2019 IN THE OFFICE COMPLEX OF THE DEPARTMENT OF ECOLOGY, ENVIRONMENT & REMOTE SENSING AT PARYAVARAN BHAVAN, GLADENI, NARWAL, JAMMU TAWI**

**The following were present:**

1. Mr.S.C. Sharma, IFS (Rtd.)	Chairman
2. Mr. B.B. Sharma	Member
3. Mr. M.A Tak, IFS (Rtd.)	Member
4. Mr. Irfan Yasin	Member
5. Prof. Anil Kr. Raina	Member
6. Prof. Shakil Ahmad Ramshoo	Member
7. Mr. Abdul Rashid Makroo	Member
8. Mr. V.P. Sharma, Rtd. Dir (GSI)	Special Invitee
9. Mr. H.L. Langeh, Dy. Director	Representative of Mining Dept.
10. Mr. Humayun Rashid	Secretary

In pursuance to the Meeting Notice issued vide No. SEAC/19/170-202 dated 30/11/2019 and Addendum issued vide No. SEAC/2019/203-222 dated 09/12/2019, the JKEAC met on 16/12/2019 and 17/12/2019 to discuss the listed cases for grant of ToR/EC.

At the very outset on 16/12/2019, the Secretary, JKEAC welcomed the Chairman and other members of the JKEAC forum and District Mineral Officers concerned headed by Mr. H.L. Langeh, Dy. Director, Geology & Mining Department.

The meeting started with a detailed discussion on the technical content and presentation of the District Survey Reports. The Committee expressed its dissatisfaction on the formulation of the DSRs in a casual manner and asked the representatives of the Geology & Mining Department to throw light on the methodology adopted in identifying the mineral blocks for river bed mining. Dr. Rajinder Singh, DMO, Geology & Mining Department informed the members that proper survey was conducted in pursuance to SRO-105 for identifying the Mineral Blocks. He informed that Mineral blocks have been identified 500 m away from civil structures, 25 m away from river banks after taking into account the gradient of river bed and accessibility to roads. He further informed that the studies relating to rate of replenishment is yet to be conducted. The committee observed that the District Survey Reports were lacking in details as prescribed in Notification No. 141(E) from MoEF&CC, as a result the appraisal process gets delayed leading to piling of the cases. Therefore, it was decided that till the formulation of comprehensive DSRs by the Geology & Mining Dept., cases could be appraised with technical inputs from the representatives of the G&M Dept. during EAC sessions. It was further resolved to ask the Geology & Mining Department to improve and update the District Survey Reports as per guidelines of the MoEF&CC issued vide Notification No. S.O 141(E) dated 16/01/2016. The members also pointed out that the District Survey report should throw light on the demand and supply analysis of the minor minerals in each of the district. Besides, it was also decided that the validity of EC's could

also be limited to only 3 years instead of 5 years in these cases so that at the time of extension of validity period of the EC for another 2 years, the environmental issues arising out of the mining activity if any, could be reviewed and appropriate mitigation measures recommended. The members further pointed out that since, the riverbed mining involves stakes of other govt. departments like Fisheries Dept., Irrigation & Flood Control Dept., PHE Dept. and Forest Dept., the PP is supposed to get NOCs from all these stake holder departments before mining lease is formally granted in their favour by the concerned agency. The EAC also desired that the Geology & Mining Department should get a comprehensive EIA study conducted on catchment basis for mineral exploitation activity for entire Union Territory of Jammu & Kashmir by some reputed institution so that cumulative environmental impacts arising out of the activity on an unprecedented scale, as is coming to fore due to auctioning of a large number of mining blocks, may be properly mitigated by having a comprehensive EMP in place. Further, the members desired that the Geology & Mining Dept. should submit the district-wise maps showing the mining blocks and also Mining blocks identified on the Google images.

The issue of EC for JDA Multiplex Car Parking at Jammu bus stand also came under discussion and it was decided to give a reminder to JDA for expediting meeting under chairmanship of Divisional Commissioner, Jammu/Chairman, Steering Committee with the SEAC sub Committee and other stake holder depts. as reiterated earlier.

Following these deliberations, the listed cases were discussed as per following sequence:-

**Agenda Item No.1: Grant of Environmental Clearance in favour of M/S Sudershan Cements, Bari Brahamina, Jammu**

**Proposal No. SIA/JK/IND/86834/2018**

**File No. SEAC/18/61**

The Committee was informed that the project proponent had applied for environmental clearance before the former SEIAA/SEAC as an offline case, pursuance to which the concerned SEAC vide letter No. Secy/SEAC/09/2009 dated 16/07/2009 had recommended the case for grant of Environmental Clearance under **Category-B2**. Instead of approving the recommendation and issuing the Environmental Clearance or otherwise, the then SEIAA referred the case to the State Pollution Control Board for necessary action vide letter No. 107MS/SEIAA/2009 dated 26/10/2009. Further, the Project proponent informed the SEAC forum that in pursuance to order dated 10/03/2010, the SPCB issued Consent to operate which was repeatedly renewed till Feb, 2018. During Feb, 2018, the SPCB vide letter No. SPCB/T/C/Cement/Sba/05/1006 dated 17/02/2018 asked the SEIAA that, despite SEAC recommendation issued vide No. Secy/SEAC/09/2009 dated 16/07/2009, SEIAA has not issued the formal EC and therefore to issue the same or clear cut recommendation in favour of the unit.

The case was forwarded to the SEAC and listed under agenda item 04 in its 9<sup>th</sup> Meeting on 08/09/2018 which recommended that the PP be asked to apply afresh using online portal. The PP accordingly applied online afresh under proposal No. SIA/JK/IND/86834/2018. In view of the above facts and circumstances and keeping in view the fact that the EC had been recommended by former SEAC and the SPCB had issued consent to operate and repeatedly renewed the same, the Committee, while treating the case as fate accompli, unanimously agreed to uphold the recommendation of the former SEAC issued vide No. Secy/SEAC/09/2009 dated 16/07/2009 subject to the condition that the Project Proponent shall obtain a certificate of compliance from the J&K Pollution Control Committee w.r.t the stipulated general and specific conditions put forth by the former SEAC while recommending the case for grant of EC during 2009.

**Agenda Item No:2 Grant of Environment Clearance in favour of Mr. Balbir Singh S/O Jagar Singh R/O H/No. 22 C/C Gandhi Nagar, Jammu**

**Proposal No: SIA/JK/MIN/126943/2019**

**File No:** SEAC/19/90.  
**Title of the Case:** Grant of Environment Clearance for Minor Mineral (River Bed Material) Block No-1, Tawi River Upstream Salamaya Bridge” of Area- 4.24 Ha, Village- Jakian, Tehsil- Udhampur, District- Udhampur.

The Consultant M/S Globus Environmental Engineering Services gave a detailed power point presentation on the project. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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., Forest Dept., etc..*
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 forest. In case, it is found to be contrary, the EC holder shall have to obtain Forest Clearance under the relevant rules.*
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 0.75 meter from the surface of the river bed as prescribed in the approved mine plan of the lease or upto 1 meter above the ground water level whichever is less.
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 roads leading to the Mineral Block and the river banks 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 done 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 exhibiting geo-coordinates, Mineral Block No., Village Name, Lease Area and other details leaving 15% of river width from bank untouched. A prominent sign board shall also be

installed indicating the details of Mineral block like Area, length, breadth, coordinates, depth etc.

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, 25 meter or 15% of the width of the river whichever is more, will have to 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, if any.
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 the 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.

**General Conditions:**

1. The EC holder shall take all measures for protection of Environment and control of Pollution.
2. Any change in mining methodology shall be allowed only with 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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.

15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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.
18. 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.
19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry, as per the procedure.
21. 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.

<b>Agenda Item No: 3</b>	Grant of Environment Clearance in favour of Mr. Balbir Singh S/O Jagar Singh R/O H/No. 22 C/C Gandhi Nagar, Jammu
<b>Proposal No:</b>	SIA/JK/MIN/127031/2019.
<b>File No:</b>	SEAC/19/88.
<b>Title of the Case:</b>	Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No.-53, Jad Khad Upstream Jourian Bridge, Area: 4.58 Ha, Village- Panchgrain, Tehsil: Akhnoor, District: Jammu, State: J & K.

The Consultant M/S Globus Environmental Engineering Services gave a detailed power point presentation on the project and informed the EAC members that the area falls outside the limits of the territorial Forest boundary. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
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 0.50 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, 25 meters or 15% of the width of the river whichever is more, 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 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.

**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.
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 [www.moef.nic.in](http://www.moef.nic.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. Funds earmarked for environmental protection should be kept in separate account and should not be diverted for other purposes. Yearwise expenditure statement should be submitted to the MoEF&CC and its Regional Office at Chandigarh.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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](http://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.
18. 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.
19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.

21. 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.

**Agenda Item No: 4** Grant of Environment Clearance in favour of Mr. Balbir Singh S/O Jagar Singh R/O H/No. 22 C/C Gandhi Nagar, Jammu

**Proposal No:** SIA/JK/MIN/127073/2019

**File No:** SEAC/19/91.

**Title of the Case:** Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No.-52, Jad Khad Upstream Jourian Bridge, Area: 3.89 Ha, Village- Dhok Khalsa, Tehsil: Akhnoor, District: Jammu, State: J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

- 1. This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
- 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 0.50 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. Trucks bearing PUC certificates shall only be allowed for transportation of the mined out material.
11. Water sprinkling of the roads leading to the Mineral Block should regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 the 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 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.

#### **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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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.
18. 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.
19. 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 with drawl of the EC and attract action under the provisions of EP Act, 1986.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.
21. 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.

<b>Agenda Item No:5</b>	Grant of Environment Clearance in favour of Mr. Nagar Singh Choudhary S/O Sh. Koula Ram R/O H/No. 33 A/D Gandhi Nagar, Jammu
<b>Proposal No:</b>	SIA/JK/MIN/127242/2019
<b>File No:</b>	SEAC/19/93.
<b>Title of the Case:</b>	Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No- 22 (2/14), Sardan Nallah Downstream Railway Bridge, of Area- 3.87 Ha, Village- Sardan, Tehsil- Nagrota, District- Jammu and State- J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

### Specific Conditions:

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
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 0.75 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 regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 the 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.

**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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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](http://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.
18. 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.



19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.
21. 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.

**Agenda Item No:6** Grant of Environment Clearance in favour of Mr. Nagar Singh Choudhary S/O Sh. Koula Ram R/O H/No. 33 A/D Gandhi Nagar, Jammu

**Proposal No:** SIA/JK/MIN/127345/2019

**File No:** SEAC/19/94.

**Title of the Case:** Grant of Environment Clearance for "Minor Mineral (River Bed Material) Block No- 23(2/15), Sardan Nallah Upstream Railway Bridge" of Area- 2.54 Ha, Village- Sardan, Tehsil- Nagrota, District- Jammu, State- J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
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 0.75 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 regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 neighbourhood, in consultation with the 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.

**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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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](http://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.
18. 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.
19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.

21. 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.

**Agenda Item No:7** Grant of Environment Clearance in favour of Mr. Nagar Singh Choudhary S/O Sh. Koula Ram R/O H/No. 33 A/D Gandhi Nagar, Jammu

**Proposal No:** SIA/JK/MIN/127381/2019

**File No:** SEAC/19/95.

**Title of the Case:** Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No- 59 (5/34), Chauki Chaura Downstream Chagial Bridge, of Area- 3.91 Ha, Village- Gangal, Tehsil- Chauki Chaura , District- Jammu J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

- 1. This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
- 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 0.75 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 regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 the 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.

#### **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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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.
18. 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.
19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.
21. 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.

**Agenda Item No:8** Grant of Environment Clearance in favour of Mr. Nagar Singh Choudhary S/O Sh. Koula Ram R/O H/No. 33 A/D Gandhi Nagar, Jammu

**Proposal No:** SIA/JK/MIN/127718/2019

**File No:** SEAC/19/92.

**Title of the Case:** Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No- 60 (5/35), Chauki Chaura Downstream Chagial Bridge, of Area- 3.98 Ha, Village- Gangal, Tehsil- Chauki Chaura, District- Jammu - J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-



### Specific Conditions:

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
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 0.75 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 regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 the 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 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.

**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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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](http://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.
18. 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.

19. 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.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.
21. 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.

**Agenda Item No:9** Grant of Environment Clearance in favour of Mr. Balbir Singh S/O Jagar Singh R/O H/No. 22 C/C Gandhi Nagar, Jammu.

**Proposal No:** SIA/JK/MIN/127737/2019

**File No:** SEAC/19/89.

**Title of the Case:** Grant of Environment Clearance for "Minor Mineral (River Bed Material)" Block No-10, River Suran Downstream Madana Bridge of Area- 3.54 Ha, Village- Maidana, Tehsil- Poonch, District- Poonch, State- J & K.

The Consultant M/S Globus Environment Engineering Services gave a detailed power point presentation on the project. The Mining block overlaid on the Google image showed that the area falls under the forest area. On various technical issues relating to depth of mining, computation of the mineral potential, replenishment etc., clarifications were sought by the members from Mr. Harbance Lal Langeh, DDGM and Mr. Rajinder Singh Rana, DMO w.r.t details in the District Survey Report. The Case was discussed threadbare and recommended for grant of Environmental Clearance subject to compliance of following terms and conditions and environmental safeguards mentioned below:-

**Specific Conditions:**

1. *This Environmental Clearance is granted subject to final outcome of 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, GoI 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.*
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 0.75 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 regularly be undertaken.
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, 25 meters or 15% of the width of the river whichever is more, 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 the 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 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.

#### **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.
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 [www.moef.nic.in](http://www.moef.nic.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. 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.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.
14. 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.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. 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](http://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.
18. 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.
19. 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 with drawl of the EC and attract action under the provisions of EP Act, 1986.
20. 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 provided an application for such extension is filed by the EC holder at least one month before such expiry.
21. 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.

**Agenda Item No. 10 to Agenda Item No. 86: Grant of Terms of Reference in favour of the project proponents listed thereof under various proposal Nos.**

The projects submitted by following project proponents under the cases listed under the above cited agenda Nos. were discussed and the Committee decided to grant Standard Terms of Reference with some additional specific Terms of Reference:-

1. Mr. Balbir Singh S/O Jagar Singh R/O H.No. 22 C/C Gandhi Nagar, Jammu.
2. Mr. Rakesh Kumar Choudhary S/O Sh. Koula Ram R/O H.No. 51 B/D GandhiNagar.
3. Shri Nagar Singh Choudhary S/O Sh. Koula Ram R/O H.No.33 A/D Gandhi Nagar, Jammu
4. Mr. Chaman Lal S/O Gurdas Ram R/O H.No. 419 Sector5, Channi Himat, Jammu.

All the cases were represented by M/S Global Environmental Services, Luknow, UP.

### **STANDARD TERMS OF REFERENCE**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided on high resolution satellite image on with geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.



- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per

CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

23) Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

- 30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 44) Besides the above, the below mentioned general points are also to be followed:
- a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - e) Where the documents provided are in a language other than English, an English translation should be provided.
  - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
  - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
  - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
  - j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

#### **ADDITIONAL TERMS OF REFERENCE**

1. Impact of mining activity on adjacent agricultural land with particular reference to run off, soil erosion and top soil loss due to change in topography.
2. Details of Gradient of river bed and 3-D view draped on the satellite image
3. Details of excavation schedule & sequential mining plan.

4. Details of transportation of mined out materials with respect to axle load specified for the road as per the Indian Road congress for both the ways (loaded as well as unloaded trucks) load and its impact on the environment.
5. Impact on mining activity on the existing land use in the study area.
6. Impact on mining on aquatic life.
7. NOC from competent authority of Forest Department to the effect the mining lease area does not fall under forest land category.
8. Excavation to be carried out upto a maximum depth of 1 m in the river bed or 1 m above water table whichever comes first.
9. Specific measures to be undertaken to mitigate the impact of mining activity on the habitat and migration of fish in the river/stream and concurrence thereof from the Fisheries Department.
10. The Photography and videography shall be part of the Terms of Reference.
11. The maps shall be submitted on a scale of 1: 3000 and 1: 1500 within 10 kms. radius

The prescribed TORs would be valid for a period of **three years** for submission of the EIA/EMP reports, as per the O.M. No. J-11013/41/2006-IA.II(I) dated 22.3.2010, 22.08.2014, 08.10.2014 and 07.11.2014.

**Besides, the TORs are recommended without prejudice to the standing court orders, if any, w.r.t the concerned mining projects or final outcome of writ petitions pending disposal before any competent court of law, if any w.r.t the concerned mining blocks.**

After preparing the draft EIA (as per the generic structure prescribed in Appendix- III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

The committee desired that the Director, Geology & Mining Department should be asked to submit District level maps showing the Mining Blocks so that it helps in the appraisal process.

#### **Agenda item No. 87:**

**Grant of Environmental Clearance in favour of M/S PATEL Engineering Ltd. JV for stone quarry of size of 0.4751 ha for construction of Tunnel T-15, T-14 including bridge No.61 on Katra-Banihal Section of New BG Railway Line Project.**

The case had been forwarded by JKEIAA for appraisal and while examining the case, it has been found that the Project Proponent has filed Form:2 instead of Form 1M required for mining projects below 5ha size. Besides, the Mining Plan has not been formally approved by the authorized Department viz. Geology & Mining Department. In view of the national importance of the case, the Project proponent was telephonically asked to submit the requisite documents before the date of EAC Meeting. The case was presented by the Consultant M/S Amaltas Enviro-Industrial Consultants and the Project proponent M/S Patel Engineering Ltd. JV. The Committee discussed the issue of statutory requirement of **Form-1M, Pre-feasibility Report, Approved Mining Plan from DGM in the light of EIA Notification of 2006 read with amendments thereof.** Accordingly the project proponent was asked to immediately upload the requisite documents for appraisal. It was further desired that in view of the temporary nature of the permit, the Director, Geology & Mining should also prescribe the period within which the extraction of minor minerals shall be extracted from the area. The dumping site for the muck should be clearly identified in the Mining Plan with details of scientific closure of the quarry mine.

**Agenda item No. 88:**

**Grant of Environmental Clearance in favour of M/S Mehboob Cements at village Wuyan Bala, District Pulwama.**

The Committee was informed that the case was transferred from MoEF&CC, GoI, New Delhi to the SEIAA vide letter dated 19<sup>th</sup> of May, 2016. Subsequently, the case was listed in SEAC meetings for appraisal and in pursuance to Minutes of meeting of the former SEAC issued vide No.SEAC/17/533-44 dated 20/03/2017, the SEIAA, vide letter No. SEIAA/2016/12/209-11 dated 29/03/2017 asked the Project Proponent to obtain clearance from the Standing Committee for National Board for Wildlife besides, NOC from the State Wildlife Protection Dept. Besides, he was also asked to obtain certificate from the State Wildlife Protection Department regarding radial distance of project site from the Wildlife Protected areas in the vicinity.

In the meantime, the ownership of the project has been transferred in favour of Ubaid Hussain Lala and others who filed compliance under form: 2. The PP has submitted photo copy of letter No. WLWC/Estt./2019-20/860 dated 29/06/2019 from Wildlife Warden Central Division. In the said communication, the issue of radial distance of the project site from the Wildlife Protected Areas calculated by PI Division of Forest Dept. has been reproduced and endorsed by the Wildlife Warden Central Division. The case was appraised in the light of OM No. J-11013/41/2006-IA.II(I) dated 2<sup>nd</sup> December, 2009.

The case was represented by the Project Proponent Shri Ubaid Lala and the Consultant Mantra Green Resources Ltd., Nasik. During appraisal, the PP submitted the copy of the map showing the radial distance of the site as 6.8 kms from the Dachigam National Park duly authenticated by the Regional Wildlife Warden. The PP also submitted the copy of CD containing the Public Hearing video which was also watched by the members during appraisal and found to be in favour of the project. It was unanimously agreed to recommend the case for grant of EC subject to General and Specific conditions:-

**A. SPECIFIC CONDITION:**

- i. The implementation of the Environmental Management Plan shall be made in accordance with the guidelines prescribed by the CPCB for control of fugitive emissions from cement plant and standards prescribed under the Environment Protection Act, 1986.
- ii. The Project Proponent shall install a State-of-the-art technology of Air Pollution Control Devices to achieve the standards of SPM/ SO<sub>2</sub>/NO<sub>2</sub> and adequate stack of minimum 30 meters or as per formula  $H=14(Q)^{0.3}$  whichever is more.
- iii. The periphery of the project shall be developed for green belt plantation in three tiers around the unit.
- iv. The Project proponent shall install an online monitoring system to monitor the SPM/SOX/NOX/Noise level for compliance of environmental standards as notified under EP Act, 1986 and amended thereof.
- v. The project proponent should install 24x7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office. Emission for particulate matter should be restricted to 30 mg/m<sup>3</sup>).
- vi. The expansion project shall comply with the new MOEF&CC Standards notified vide GSR 612 (E.) dated 25.08.2014 with respect to Cement sector.
- vii. All the pollution control devices/equipment in the grinding unit shall be interlocked so that in the event of the pollution control devices/systems not working, the respective unit(s) shut down automatically.

- viii. Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.
- ix. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials should be transported in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions should be regularly monitored. The vehicles should conform to Motor Vehicles Act, 1988.
- x. All the treated waste water shall be recycled and reused in the process and/or for dust suppression- and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.
- xi. The industrial unit will have adequate storm water drains for the complex to prevent flooding of the complex as well as surrounding areas.
- xii. Storage of material should be in covered area. All materials (raw material, fuel, lubricants, solid wastes, etc.) will be stored in covered area with lined floor. Any spillage/leakage of liquids will be immediately attended. The storage areas will be protected from exposure to storm water run-off.
- xiii. Rain water harvesting plan shall be prepared and shall supplement the water requirements of the project.
- xiv. Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent.
- xv. Green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.
- xvi. At least 2.5 % of the total annual profit made on the project shall be annually earmarked towards the Enterprise Social Commitment and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Chandigarh for monitoring. The proponent shall prepare a detailed ESC Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation. Etc.) activities in consultation with the local communities and administration. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to Regional Office, Chandigarh. The details of the ESC Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company. The funds so provided shall not be diverted for any other purpose.
- xvii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- xviii. All Labour shall be provided with personal protective equipment and will be compulsorily made to wear it. Working hours and working conditions shall be as per International Labour standards.
- xix. Adequate preventive measures to be implemented. An elaborate health and safety plan is already in place. Personal protective equipment will be suitably provided. Workers to be properly trained in on-site emergency response management.
- xx. The main raw material viz. Lime stone and Gypsum should be strictly procured from approved sources conforming to the applicable environmental provisions and laws and with valid consent to operate/permissions and environmental clearance.
- xxi. All equipment and machinery will conform to the relevant BIS norms, other statutory provisions (in terms of performance, emissions, noise etc.).
- xxii. To minimize the additional stress to meet the project's water requirement, appropriate storm water management will be implemented. Compliance with the requirements of Central Ground Water Authority is to be ensured.
- xxiii. The PP shall produce a summary about compiled revenue land document duly attested by the PP before issuance of the EC.
- xxiv. In case, it is proved at any point of time that the project proponent or his predecessor has submitted any false information or forged documents, the EC shall be withdrawn.

#### **B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Jammu & Kashmir Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM 2.5., SO<sub>2</sub> and NO<sub>2</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chandigarh and the SPCB/CPCE3 once in six months.
- iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E.) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).
- vi. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- vii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- viii. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad, Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the



- proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- ix. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub> SO<sub>2</sub>. NO<sub>2</sub> (ambient levels as well as stack emissions) or critical sectorial parameters indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  - x. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh / CPCB / SPCB shall monitor the stipulated conditions.
  - xi. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently; shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chandigarh by e-mail.
  - xii. The Project Proponent shall inform the public by advertising about issuance of EC in local dailies that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at <http://parivesh.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh.
  - xiii. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
  - xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xv. The Ministry reserves the right to stipulate additional conditions if found necessary during the operationalization of the project. The Company in a time bound manner shall implement these conditions.

***The Environmental Clearance may be granted for a period of five years or as revised by the Ministry of Environment, Forest & Climate Change for such projects from time to time.***

**Agenda item No. 89:**

**Grant of Environmental Clearance in favour of Baba Farid-ud-Din Baghdadi Minerals**

It is an existing Mine spread over 15.18 ha. The Project was forwarded by SEIAA during November, 2017 and subsequently appraised by former SEAC in its 7<sup>th</sup> Meeting pursuant to which the PP was asked to furnish the NOC from Forest Department issued by the HoD instead of the DFO. During appraisal the PP informed that his case for issuance of formal

NOC by the competent authority is pending before the concerned conservator although it has been recommended by the concerned DFO. In pursuance to Hon'ble NGT Order dated 4<sup>th</sup> Sept., 2018 and 13<sup>th</sup> Sept.2018 and subsequent OM dated 12 December, 2019, the Expert Appraisal Committee has resolved to ask the Project Proponent to formulate the EIA/EMP through NABET accredited consultant and to get the Public consultation conducted for the project through the State Pollution Control Board. The project proponent shall prepare the EIA as per the following Terms of Reference:-

### **STANDARD TERMS OF REFERENCE**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the areashould be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided on high resolution satellite image on with geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.

10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.

12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.

14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.

17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.

18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities,

such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per

CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.

23) Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.

24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.

25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.

30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.

31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.

33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.

35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.

37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.

38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

44) Besides the above, the below mentioned general points are also to be followed:

a) Executive Summary of the EIA/EMP Report

b) All documents to be properly referenced with index and continuous page numbering.

c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.

d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.

e) Where the documents provided are in a language other than English, an English translation should be provided.

f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

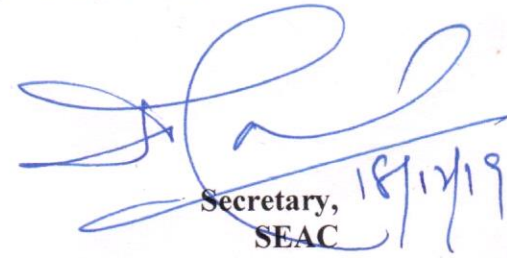
g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.

h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.

i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.

j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

The meeting concluded with thanks to the chair.

  
Secretary,  
SEAC

**No: SEAC/JK/19/223-237**

**Dated: 18/12/2019**

Copy submitted to the Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information and necessary action please.

Copy by email to:-

1. Sh. S. C Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
2. Sh. M.A Tak, Member, J&K Expert Appraisal Committee, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
3. Sh. Brij Bhushan Sharma, Member, J&K Expert Appraisal Committee, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
4. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information.
5. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal Committee, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information.
6. Professor Arvind Jasrotia Member, J&K Expert Appraisal Committee, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information.
7. Dr. Ghulam Mohammad Dar, Member, J&K Expert Appraisal Committee, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information.
8. Sh. Irfan Yasin, Member, J&K Expert Appraisal Committee, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information.
9. Professor M. A. Khan, Member, J&K Expert Appraisal Committee, (JKEAC) GPO Post Box No: 726, Srinagar-190001 for favour of kind information.
10. Dr. Falendra Kumar Sudan, Member, J&K Expert Appraisal Committee, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information.
11. Professor Anil Kumar Raina, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information.
12. Sh. Anil Saproo, PA to PCCF/Director, DEERS, for information and with the request to upload the Agenda on the Departmental web site.
13. Sh. Sheikh Sajid, PA for information and with the direction to upload the minutes of the Meeting on the parivesh.gov.in.
14. Concerned Files.

