

PART- B MINUTES OF THE 41st MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 16th and 17th JANUARY, 2017

The 41st meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held on 16th and 17th January, 2017 under the Chairmanship of Sh. K.P. Bhawsinka in the Conference Room at SEAC, Ranchi. The following members were present:

1. Shri K.P. Bhawsinka - Chairman
2. Dr. B.K. Tewary - Member
3. Shri S.P. Shriwatav - Member
4. Dr. V.P. Sinha - Member
5. Dr. R.V Singh - Member
6. Shri U.P. Singh - Member
7. Shri M.S. Bhagwat - Member
8. Shri S.K. Sinha, IFS - Member Secretary

Various projects which were received by SEIAA after the previous SEAC meeting held from 22nd to 23rd December, 2016 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

The following salient observations /recommendation were made during the Presentation (Project Wise), which is mentioned below:-

Projects considered for recommendation to SEIAA for consideration of grant of EC.

1. Stone Mines & Crusher of M/s Shri Vinayak Construction at Village- Rewaratu, Tehsil- Satbarwa, Dist.- Palamu, Jharkhand (9.50 Ha).

This is a Stone Mining Project for having an area of 9.50 Ha [Khata No.- 72, Plot No.- 1217 (P)]. The committee noted that as per Form I it is a proposal for new lease for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per MoEF & CC Notification dated 15.01.2016.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The indicated project cost is Rs 4.90 Crore and a provision of Rs 16.08 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 75,88,125 t

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Mineable Probable Reserve : 4,80,937 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	7,35,000 t
2 nd Year	:	7,35,000 t
3 rd Year	:	7,35,000 t
4 th Year	:	7,35,000 t
5 th Year	:	7,35,000 t

The daily production as per Form I is 2450 tonnes.

PP has submitted certificates from DMO (Letter No.- 2172, Dated- 22.11.2016), DFO (Letter No.- 2575, Dated- 21.07.2016) and CO (Letter No.- 135, Dated- 02.05.2016). The informations was examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Stone Mines & Crusher of M/s Shri Vinayak Construction at Village- Rewaratu, Tehsil- Satbarwa, Dist.- Palamu, Jharkhand (9.50 Ha).

The committee write at a decision to recommend the proposal for grant of EC with condition annexed as per Annexure - I for necessary action by SEIAA.

Projects for which SEAC has sought clarifications from PP.

1. Khaprajola Stone Mine of M/s Otan Das & Co. at Village- Khaprajola, P.O. & P.S.- Pakur, Dist.- Pakur, Jharkhand (9.18 Ha).

On scrutiny of the proposal it was found that as per report of DMO contained in Letter no.- 953, dated- 12.07.14, six more mines exist in the area and the total area of all the existing & proposed mines is more than 25 ha, hence this proposal will become category B1 project, for which ToR has to be issued. The committee decided that proponent has to submit all relevant documents as per MoEF & CC guidelines dated- 15.01.2016. Apart from that PP was also asked to submit additional information:-

1. Certificates from CO regarding status of land.
2. Undertaking from the Board / Management that there will not be any violation in future.

Regarding point no.-1 separate letter to be issued to CO, Pakur also.

Once the PP provides the requisite information, SEAC will examine the case.

2. Sundre Stone Mine of M/s Narayan Stone Works (Shri Ram Saware Tiwari) at Village- Sundare, Tehsil- Mandro, Dist- Sahibganj, Jharkhand (6.41 Ha).

Certificate from CO, Mandro regarding two contradictory statements & basis of measurement of state boundary distance. It was also decided that two member committee of SEAC Dr. B.K. Tiwary and Shri R.N. Singh shall visit the field and submit their report to the committee.

Once the CO, Mandro & Committee provide the information, SEAC will examine the case.

3. Mundli Stone Mine of Sri Rajesh Kr. Jaiswal at vill- Mundli, P.O. & P.s.- Mirzachouki, Dist- Sahibganj, Jhk (5.38 Ha).

This is a renewal matter.

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1. PP was asked to submit an undertaking from the Board / Management that there will not be any violation in future.
2. Revised certificate from CO as per SEIAA guidelines. (As per the SEIAA guideline minimum distance has been fixed for the establishment of different types of industries/mines, hence Circle Officer has to state very clearly whether within the prescribed distance from the mine, such feature example habitation, Dam/Reservoir, River, Educational Institute, Hospital, Interstate Boundary, Monuments / Archaeological and Water Intake exists or not. Circle Officer is supposed to give his reply in 'yes' or 'no' as per the prescribed format.
3. This is a case of violation due to operation of the mine without CTO. SEIAA is requested to write to the Deptt. of Forests & Environment, Government of Jharkhand / JSPCB to take credible action under EP Act for the above violation.

Regarding point no.-2 separate letter to be issued to CO, Mandro also.

It was also decided that two member committee of SEAC Dr. B.K. Tiwary and Shri R.N. Singh shall visit the field and submit their report to the committee.

4. Patnibona Stone Mine of M/s Astha Stone Works at Village- Patnibona, P.O.- Bakudih, Tehsil- Taljhari, Dist.- Sahibganj, Jharkhand (6.07 Ha).

This is a renewal matter.

PP was also asked to submit additional information:-

1. Certificates from CO regarding status of land.
2. It was also decided that two member committee of SEAC Dr. B.K. Tiwary and Shri R.N. Singh shall visit the field and submit their report to the committee.
3. It was found that the project lies at distance of 5.3 KM from Udhwa Bird Sanctuary. As per the guidelines of MoEF & CC, this proponent is required to take permission from National Board of Wild Life (NBWL). The proponent had certain reservation on this issue and they were directed to provide any document which exempts them from taking permission from National Board of Wild Life (NBWL).

Regarding point no.-1 separate letter to be issued to CO, Taljhari also.

Once the PP provides the information, SEAC will examine the case.

5. Bargunia Stone Mines of Sri Shailesh Kumar at Village- Bargunia, P.S.- Madhupur, Dist.- Deoghar, Jharkhand (13.355 Ha).

This is a renewal matter.

PP was also asked to submit additional information:-

1. Certificates from CO regarding status of land.
2. Certificate from DFO regarding distance of forest.

Regarding point no.-1 & 2 separate letters to be issued to CO, Devipur and DFO, Deoghar also.

Once the CO & DFO provide the information, SEAC will examine the case.

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6. Deshpokharia & Amjhar Stone Mine of M/s Black Stone Works at Village- Deshpokharia & Amjhar, P.O.- Mirzachouki, Tehsil- Mandro, Dist.- Sahibganj, Jharkhand (6.85 Ha).

The Committee considered all the aspect of this proposed project. The Circle Officer vide letter no.- 73, dated- 21.03.2016 has given the information regarding distance from different features vaguely, so it was decided that the CO should be requested to give information in 'Yes' or 'No' as per the SEIAA format. A copy of the SEIAA format may be forwarded to the CO.

The Committee also found at this project was complete for all others aspects and once the CO provides the information, the Project may be recommended for grant of EC with general conditions and following specific conditions

1. The Project Proponent shall take steps for controlling the pollution due to plying of about 200 vehicles used for transportation of stone boulder.
2. Greenbelt shall be developed 60% after mining is over.
3. The Project Proponent shall do 100 gabion plantations for 100 trees and shall maintain it during the life of mine.
4. They shall construct proper Recharge pit / Garland drain / Settling pond to check the run of water.
5. They shall construct proper rainwater harvesting scheme to recharge the underground aquifer and submit a copy of the diagram to the committee within a week.
6. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.

7. Marikuti Stone Mine of M/s Tamanna Stone Works at Village- Marikuti, P.O.- Mirzachouki, Tehsil- Mandro, Dist.- Sahibganj, Jharkhand (5.39 Ha).

The Committee considered all the aspect of this proposed project. The Circle Officer vide letter no.- 71, dated- 21.03.2016 has given the information regarding distance from different features vaguely, so it was decided that the CO should be requested to give information in 'Yes' or 'No' as per the SEIAA format. A copy of the SEIAA format may be forwarded to the CO.

The Committee also found at this project was complete for all others aspects and once the CO provides the information, the Project may be recommended for grant of EC with general conditions and following specific conditions

1. The Project Proponent shall take steps for controlling the pollution due to plying of about 150 vehicles used for transportation of stone boulder.
2. Greenbelt shall be developed 60% after mining is over.
3. The Project Proponent shall do 100 gabion plantations for 100 trees and shall maintain it during the life of mine.
4. They shall construct proper Recharge pit / Garland drain / Settling pond to check the run of water.
5. They shall construct proper rainwater harvesting scheme to recharge the underground aquifer and submit a copy of the diagram to the committee within a week.

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- The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.

8. Proposed Bulk LPG Storage & Bottling Plant of M/s Bharat Petroleum Corporation Limited at Bokaro Industrial Area, Village- Maraphari & Gorabali, Tehsil- Chas, Dist.- Bokaro, Jharkhand.

Project Proponent / Consultant requested for submission of the observations. These are mentioned below:

- Site layout plan with specific location and line plan of the industry located around the vicinity.
- Alternate site if any & its details.
- Land use and distance of the features like habitation, water body, road (KML file) from the site.
- Seasonal monitoring sites selection process.
- Correct the documents submitted earlier.
- Road distance –NH- main entry to be mentioned.
- Fugitive emission details.
- Liquid residue / effluent and ETP details.
- Control of excess gas / pressure relief.
- Hydrant size details.
- Fire hydrant design basis.
- Distance of isolation-minimum requirement.
- Details of CSR.
- Green belt – trees absorbing CO₂ / green house effect.
- Onsite & Offsite emergency plan.
- HAZOP/HAZEN.
- Emergency response
- Industries in zoom radius
- Expanding in light of new Ujwala Scheme of Prime Minister.
- Interplant facility to be provided.
- Coordinates of the area.
- Prepare piping & instrumentation (P & I) diagram for the whole project.
- Details for transfer of Gases in between different points during entire procurement to disposal cycle.
- Frequency & methodology for surveillance of all equipment and hardware employed in “Transportation, unloading, Storage and Distribution of LPG” shall be designed and constructed as per applicable relevant national / international code of practice for safety & bench mark practices.
- Monitoring of ambient air quality data in model for 3 month that include P2.5, PM10, SO₂ and VOC, NO_x along with wind speed and other methodological parameters.
- Details of water uses & its replenishment model.
- Risk assessment along with existing / proposed unit including analysis entire life cycle analysis.

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28. The unit shall make the arrangement for protection of possible fire hazards during details of bleeve occurrence & mitigation / model methodology.

Based on the replies in the next presentation the decision will be made.

9. LPG Bottling Plant of M/s Hindustan Petroleum Corporation Limited at Adityapur Industrial Area, Large Sector, Vill- Gamharia, P.O- Gamharia, Dist.- East Singhbhum, Jharkhand.

Project Proponent / Consultant requested for submission of the observations. These are mentioned below:

1. Site layout plan with specific location and line plan of the industry located around the vicinity.
2. Alternate site if any & its details.
3. Land use and distance of the features like habitation, water body, road (KML file) from the site.
4. Seasonal monitoring sites selection process.
5. Correct the documents submitted earlier.
6. Road distance –NH- main entry to be mentioned.
7. Fugitive emission details.
8. Liquid residue / effluent and ETP details.
9. Control of excess gas / pressure relief.
10. Hydrant size details.
11. Fire hydrant design basis.
12. Distance of isolation-minimum requirement.
13. Details of CSR.
14. Green belt – trees absorbing CO2 / green house effect.
15. Onsite & Offsite emergency plan.
16. HAZOP/HAZEN.
17. Emergency response
18. Industries in zoom radius
19. Expanding in light of new Ujwala Scheme of Prime Minister.
20. Interplant facility to be provided.
21. Coordinates of the area.
22. Prepare piping & instrumentation (P & I) diagram for the whole project.
23. Details for transfer of Gases in between different points during entire procurement to disposal cycle.
24. Frequency & methodology for surveillance of all equipment and hardware employed in “Transportation, unloading, Storage and Distribution of LPG” shall be designed and constructed as per applicable relevant national / international code of practice for safety & bench mark practices.
25. Monitoring of ambient air quality data in model for 3 month that include P2.5, PM10, SO2 and VOC, NOx along with wind speed and other methodological parameters.
26. Details of water uses & its replenishment model.
27. Risk assessment along with existing / proposed unit including analysis entire life cycle analysis.

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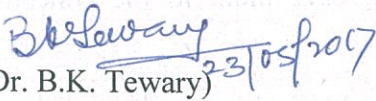
28. The unit shall make the arrangement for protection of possible fire hazards during details of bleeve occurrence & mitigation / model methodology.

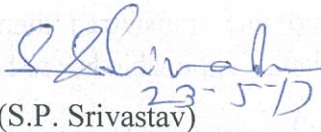
Based on the replies in the next presentation the decision will be made.


The following is the list of PP's who have requested for deferment to next meeting.


1. Maharajanj Pyroxenite Mine of M/s Jaganath Cement Works Pvt. Ltd. at vill- Maharajanj, thana- Rajnagar, Dist- Saraikela, Kharsawan, Jhk (13.644 Ha).
2. Bagru Bauxite Mines of Shri Madan Mohan Prasad Singh at Village Bagru, Taluka - Kisko, Dist - Lohardaga Jharkhand (Area 10.117 Ha).

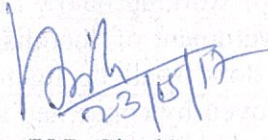
The meeting concluded with thanks to all present.



(Dr. B.K. Tewary)
Member

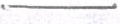

(S.P. Srivastav)
Member



(Dr. V.P. Sinha)
Member


(Dr. R. V. Singh)
Member


(U.P. Singh)
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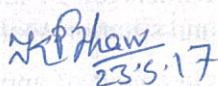

(M.S. Bhagwat)
Member


(S.K. Sinha)
Member Secretary


(K.P. Bhawsinka)
Chairman

The then Member Secretary, SEAC Sri S.K. Sinha was telephonically requested by the present Member Secretary, SEAC regarding approving & putting signature on Minutes of 41st (Part B) Meeting of SEAC held on 16th and 17th January, 2017. The then Member Secretary, SEAC Sri Sinha intimated that after a lapse of 04 months, he could not recall the details of the said meeting. Hence he is not inclined to sign the said Minutes of 41st (Part B) Meeting of SEAC held on 16th and 17th January, 2017.

Now, considering that proceeding of 41st (Part B) Meeting of SEAC held on 16th and 17th January, 2017 needs formal approval by Members present at the point of time, the proceeding of 41st (Part B) Meeting of SEAC held on 16th and 17th January, 2017 is placed before the SEAC for its post facto approval. The minutes of 41st (Part B) Meeting of SEAC held on 16th and 17th January, 2017 has been approved decided to forward the same to SEIAA for needful by the present Member Secretary, SEAC.


(K.P. Bhawsinka)
Chairman

A. Specific Conditions

1. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to ground above water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
8. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of approved size to contain silt & water its location shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. For which a periodical report shall be sent. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt of approved width shall be developed all along the length of mine lease area and haul roads. The Project proponent shall do adequate no 50 bamboo gabion plantation each year and

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maintain it for the life of the mine along the transport road and vacant space, preferably along the periphery of mining lease. Fast growing and local species will be planted.

13. Effective safeguard measures such as regular water sprinkling shall be carried out in the identified critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling as per approved plan shall be carried out on haul roads which should be made pucca as per approved specification of Govt. of Jharkhand with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
14. The project proponent shall implement approved conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required from the source for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. Vehicular emissions shall be kept under control by regular repairing of transport road and regular air quality monitoring. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
18. No blasting shall be carried out after sunset. Blasting operation shall be carried out only during daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
19. Drills shall either be operated with the dust extractors or equipped with water injection system.
20. Effective safeguard measures shall be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project conducted by a Registered Medical Officer shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. Provision shall be made for the housing of construction labour at a suitable place away from the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
24. Proper Safety measures as per statutory requirement shall be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.

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26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein.
27. The Project Proponent shall submit six monthly report on the expenditure incurred on environmental management plan submitted by them.
28. Since blasting and mining on Hillock / Rock out crop may also be carried out, suitable scheme for access / ramp to the highest elevation with gradient shall be submitted for approval.
29. Approved devices for dust suppression shall be installed.

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca as per approved specification of Govt. of Jharkhand and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should be provided with protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Detailed report shall be sent to Pollution Control Board periodically.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.

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12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / 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 website of the Company by the project proponent.
16. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand 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 the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded will be valid for the period of grant of lease for the mine. The PP will not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

23-5-17
Bhawaney
23/5/17
RV

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23/5/17

Mishra

23-5-17

