

The 421st meeting of the State Level Environment Impact Assessment Authority was convened on 10.04.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Waseem Akhtar, Chairman, SEIAA. The following members attended the meeting:-


- | | | |
|----|-------------------|------------------|
| 1 | Shri H.S. Verma | Member |
| 2. | Shri Anupam Rajan | Member Secretary |

A. Following mining cases query response have been considered:-


S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	1826/2014	1(a)	418 th SEIAA meeting dtd. 23.03.2017
2.	2333/2015	1(a)	418 th SEIAA meeting dtd. 23.03.2017
3.	96/2008	1(a)	411 th SEIAA meeting dtd. 25.02.2017
4.	5184/2016	1(a) B2	389 th SEIAA meeting dtd. 29.11.2016

1. **Case No. 1826/2014** Prior Environment Clearance for **Gosalpur Manganese Ore, Blue Dust, Laterite & Iron Ore Mine** (Opencast Other than fully Mechanized Method) in an area of 12.77 ha. for expansion of production Capacity from 2900 TPA to 1,04,709 TPA at Khasra no.116, Vill.-Gosalpur, Th.-Sihora, District-Jabalpur (M.P.) by Smt. Priyanka Sharma, M/s Narayan Metals and Minerals, Shop No. 3, City Bengali Club Market, Karamchand Chowk, Jabalpur (M.P.)-482006.

- (1) This is a project pertaining to mining of **Manganese Ore, Blue Dust, Laterite & Iron Ore Mine** in MLA of 12.77 ha The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. and more than 250 m from the forest boundary. Thus it is not attracted by the general conditions and falls under category '1 (a)' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease for 20 years from (08.04.2009) with expansion in production capacity from 2900 TPA to 1,04,709 TPA.
- (2) It is noted that the validity of lease 20 years from (08.04.2009) and previous EC was granted by SEIAA vide letter no. 256/EPCO-SEIAA/10 dtd. 26.07.2010 with production capacity of 2900 TPA . The Mining Plan with progressive mine closure plan has been approved by IBM (vide IBM L.No. MP/Jabalpur/Iron Ore/MPLN- Modi -05 /2012-13 dtd. 20.09.2013). PP has also submitted compliance report of earlier EC Issued by MoEF&CC vide letter number 464 dated 11-05-2016.
- (3) SEAC in its 70th SEAC-II meeting dtd. 15.03.2017 has recommended the case with 16 special conditions for issuance of EC.
- (4) The case was then discussed in 418th SEIAA meeting dtd. 23.03.2017 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman

- (5) The proposed plantation program was examined and it was found that 10324 sapling of tree species covering an area of 5.417 ha shall be planted during the lease period.
- (6) It was noted that the water requirement is 88 KLD (35 KLD for Dust Suppression, 10 KLD for Green Belt, 3 KLD for Domestic/Drinking & 40.0 KLD Benification), which shall be met from mine sump and ground water source situated in ML area.
- (7) It was also noted that the Public Hearing was carried out on 28.07.2016 at mine site, Vill.- Gosalpur, Th.-Sihora, District-Jabalpur (MP).
- (8) Based on the recommendation of 70th SEAC-II meeting dtd. 15.03.2017, presentation made by the PP in SEIAA & SEAC, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
 - II. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
 - III. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. The two row plantation shall be carried out in the greenbelt area in current year.
 - IV. Plantation shall be carried out as per the plantation programme and 3 years old sapling of 1200 plants will be planted in the current year. Top soil will be transported for plantation.
 - V. Water for benefication and plantation shall be taken by water tankers from the Kaolari mining pit of PP
 - VI. Piezometric hole shall be developed in the area to monitor water table.
 - VII. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained. Regular depth of ground water table should be monitored by the State Ground Water Survey.
 - VIII. PP should construct garland drain of 400 m. length with size 0.5 x 0.5m all around the OB dumps and garland drain of size 1.5 m x 1.5m all around the mining lease area alongwith 07 RCC/Masonry settling tanks of appropriate size. PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank. PP should ensure zero discharge from the mined area.
 - IX. Regular air & water quality monitoring shall be carried out in consultation with RO, MPPCB before pumping out of pit water prior permission should be taken from MPPCB.
 - X. The over burden and waste will be simultaneously backfilled as far as possible in the mined out area and plantation will be raised on it.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


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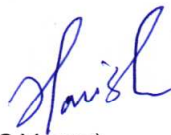
- XI. Overburden dump should be properly stabilized and height of dump should not be more than 6 m. No overburden will be dumped outside the mine lease area.
- XII. Stacking of excavated material shall be done in pit only before taking for beneficiation.
- XIII. Construction & maintenance of 1.5 km tar road from mining site to main road and plantation on both side of the road shall be carried out by PP.
- XIV. No blasting shall be carried out during mining operation.
- XV. Consent of the farmers shall be taken before discharging the mine water into their fields.
- XVI. Water tankers with fogging arrangement will be used for regular water sprinkling on the haul roads to ensure effective dust suppression
- XVII. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XVIII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the labourers. A provision should be made to construct a pakka rest shelter of 8m x6m along with toilet and drinking water facility.
- XIX. PP shall ensure to make budget provision of Rs 37 lakhs under EMP for construction of 1.5 km approach road.
- XX. PP has proposed under CSR the following activities for which a provision of 8.00 lakhs has been kept :-
 - a) Computer education: providing at least 2 computers in nearby school at Dharampura and Dhano Khurd and providing facilities of teacher for computer education and basic education.
 - b) Providing financial support to the village school.
 - c) Solar street light provide to nearby villages Gosalpur, Kingi, Dharampura, Dhamdha, Surekha, Dhamki, Keolari, Juljhari, Dhano Khurd & Khajuri.
 - d) Medical Checkup facility, first aid and other welfare activities for nearby villagers.
 - e) Motivation and financial assistance to the farmers of nearby villages for drip irrigation.

The modification to the above activities can be made with the permission of the district administration

Hence, Prior Environmental Clearance is granted for **Gosalpur Manganese Ore, Blue Dust, Laterite & Iron Ore Mine** (Opencast Other than fully Mechanized Method) in an area of 12.77 ha. for expansion of production Capacity from 2900 TPA to 1,04,709 TPA at Khasra no.116, Vill.-Gosalpur, Th.-Sihora, District-Jabalpur (M.P), **for the lease period** to Smt. Priyanka Sharma, M/s Narayan Metals and Minerals, Shop No. 3, City Bengali Club Market, Karamchand Chowk, Jabalpur (M.P.)-482006.



(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman

2. **Case No. 2333/2015-** Prior Environmental Clearance for **Botejhari Manganese Ore Mines** (Opencast fully Mechanized Method) in an area of 8.45 ha. for expansion of production capacity from 1500 MTPA to 16000 TPA at Khasra no.-29, 45, 47, & 59, Village-Botejhari, Tehsil-Waraseoni, District-Balaghat (MP). by Shri Vijay B. Khandelwal, 678, Shyama Kuti, Hanuman Nagar, Tharsa Road, Kanhan, Dist-Nagpur (MS)-441401.

- (1) This is a project pertaining to mining of **Manganese Ore mine** in MLA of 8.45 ha. The activity is mentioned at S.No. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. and Less than 250 m from the forest boundary. Thus it is not attracted by the general conditions and falls under category '1 (a)' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease for 20 years with expansion in production capacity from 1500 MTPA to 16000 TPA.
- (2) It was reported by the PP that the first lease was granted to M/s A.P. Trivedi Sons for 20 years from 20.11.2003 to 19.11.2023 and thereafter lease was transferred to Shri Vijay Khandelwal. The Mining Plan with progressive mine closure plan has been approved by IBM (vide IBM L.No. BGT/MN/MLPN-295/NGP dtd. 21.04.2015).
- (3) SEAC in its 69th SEAC-II meeting dtd. 07.03.2017 has recommended the case with 16 special conditions for issuance of EC.
- (4) During the presentation it was observed that PP has already intersected the ground water table in some portion of the lease area. According to the MP State documents of CGWB published in 2015 and based on their observation wells/bore wells the depth of ground water table is between 6 to 11 m. PP has also submitted a geo-hydrological report, wherein they have observed maximum depth of dug well in Botejhari village to be 16 m. and tube wells for drinking water to be 19 m. There is a variation in both the reports.
- (5) The case was then discussed in 418th SEIAA meeting dtd. 23.03.2017 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (6) The proposed plantation program was examined and it was found that 10275 sapling of tree species covering an area of 5.25 ha shall be planted during the lease period.
- (7) It was noted that the water requirement is 74 KLD (58 KLD for Dust Suppression, 12 KLD for Green Belt and 4 KLD for Domestic/Drinking), which shall be met from existing mine pit & settling tank and bore well.
- (8) It was also noted that the Public Hearing was carried out on 16.06.2016 at mine site, Vill.- Botejhari, Tehsil-Waraseoni, District-Balaghat (MP). During the public hearing, one of the participants has objected about uncontrolled blasting leading to vibration in their nearby residences.



(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman

- (9) Based on the recommendation of 69th SEAC-II meeting dtd. 07.03.2017, presentation made by the PP in SEIAA & SEAC, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**

- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- II. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- III. PP shall demarcate a barrier zone of 7.5 m and 100 m from habitation as no mining zone in the periphery of mining lease area and develop a green belt. The two row plantation shall be carried out in the greenbelt area in current year.
- IV. Plantation shall be carried out as per the plantation programme and total 7875 plants will be planted. Initially 3 year old saplings of 1500 plants shall be planted in first year.
- V. The existing mining operation has already intersected the ground water table. PP should ensure that before commencement of mining operation below the ground water table, the approval of the Central Ground Water Board should be obtained. Further to it, PP should construct 8 check dams before discharging pit water in nearby nalla. The water quality should be monitored by MPPCB before discharging pit water in the nalla. A copy of the Prior EC should also be addressed to Director, CGWB, Paryavas Bhavan Bhopal with copy to the Regional Officer, CGWB, Jabalpur for necessary action.
- VI. Before commencing the mining activity, site demarcation should be done leaving 250 m. from the forest boundary as a "no mining zone". The demarcation should be done by the Revenue Officials in the presence of Forest Department and Mining Officer, Balaghat or PP should seek NOC from the Revenue Commissioner, Jabalpur Sub Committee and submit a copy in SEIAA before taking up the mining activity.
- VII. PP should construct garland drain of appropriate size all around the mining lease area alongwith RCC/Masonry settling tanks. PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank. PP should ensure zero discharge from the mined area.
- VIII. Regular air & water quality monitoring shall be carried out in consultation with RO, MPPCB before pumping out of pit water prior permission should be taken from MPPCB.
- IX. Existing overburden dump will be properly stabilized. The existing overburden dumps will be backfilled in the abandoned mine pit and plantation will be raised on it.
- X. No overburden will be dumped outside the mine lease area.
- XI. Control blasting shall be carried out during mining operation.
- XII. Systematic monitoring will be carried out as per Environmental Management Plan.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman

- XIII. Vibration study of the area shall be carried out in consultation with the local stakeholders through any authorized technical institution to mitigate the concern raised in the public hearing .
- XIV. Water tankers with fogging arrangement will be used for regular water sprinkling on the haul roads to ensure effective dust suppression
- XV. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XVI. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the labourers. A provision should be made to construct a pakka rest shelter of 8m x6m along with toilet and drinking water facility.
- XVII. PP has proposed under CSR the following activities for which a provision of 5.50 lakhs has been kept :-
- Computer education : providing at least 2 computers in nearby school at Botejhari and Katanghari and providing facilities of teacher for computer education and basic education.
 - Providing financial support to the village school.
 - Facilitate youths & farmers of selected villages both on on-farm and off-farm activities based on need, interest and market potential. Promotion of advanced agriculture practices and water efficient farming practices.
 - Awareness generation campaign, wall writing, village level theme camps, promoting villagers to construct toilets to stop open defecation. Provision of supply of drinking water to the villages.
 - Need of the old age home will be assessed and shall be provided on yearly basis or financial assistance shall be provided every year to the old age home at Balaghat.
 - Solar cooker provide to nearby villager for cooking food (10 villagers every year) of Botejharitola, Khadantola & tola.


The modification to the above activities can be made with the permission of the district administration

Hence, Prior Environmental Clearance is granted for **Botejhari Manganese Ore Mines** (Opencast fully Mechanized Method) in an area of 8.45 ha. for expansion of production capacity from 1500 MTPA to 16000 TPA at Khasra no.-29, 45, 47, & 59, Village-Botejhari, Tehsil-Waraseoni, District-Balaghat (M.P), **for the lease period** to Shri Vijay B. Khandelwal, 678, Shyama Kuti, Hanuman Nagar, Tharsa Road, Kanhan, Dist-Nagpur (MS)-441401.

3. **Case No. 96/2008**, Prior Environmental Clearance for **Agaria Iron ore mine** (Open cast Semi-mechanized Method) in an area of 20.141 ha for production capacity of 50000 TPA at Khasra No.1093 at Village - Agaria Tehsil- Sihora District - Jabalpur (M.P) by M/s Nirmala Minerals, Pathak Ward P.O. Katni, District - Katni (MP) - 483501

The case was discussed in 393rd SEIAA meeting dtd. 07.12.2016 and it was recorded that :-


(Anupam Rajan)
Member Secretary


(H.S.Verma)
Member


(Waseem Akhtar)
Chairman

- (1) This is a project pertaining to mining of **Iron ore mine** in ML area of 20.141 ha. The activity is mentioned at S.N. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. and more than 250 m from the forest boundary. The interstate boundary is not applicable as mining site falls in Village – Agaria, Tehsil- Sihora, District - Jabalpur, thus it is not attracted by the general conditions and falls under category '1 (a)' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease for 50 years from 06.03.1987 to 05.03.2037 with production capacity of 50000 TPA.
- (2) It was reported by the PP that the lease area was granted to M/s Nirmala Mineral for 20 years w.e.f. 06.03.1987 to 05.03.2007. Thereafter, the lease has been extended for 50 years from grant of ML i.e., upto 05.03.2037 as per MMDR Amendment Act 2015. This is a case of renewal/extension of mining lease. The Mining Plan with progressive mine closure plan has been approved by IBM, Office of Regional Controller of Mines, Jabalpur (vide Letter No. MP/Jabalpur/Iron Ore / MPLN/R-19/06-07 dtd 25.07.2007).
- (3) The case was recommended in 82th SEAC Meeting dtd. 13.10.2011 for prior EC with 23 special conditions
- (4) The case was discussed in 204th SEIAA meeting dtd. 30.05.2015 and it has been recorded that...

"...After detailed discussion and perusal of the **recommendations of 82th SEAC meeting dtd. 13.10.2011** and 113th SEIAA meeting dtd. 01.12.2012, PP has not submitted the response/reply to the query raised vide L.No. 1826 dated 26.12.2012. The case is hereby delisted. On submission of the requisite information, the case will be relisted for review. PP and all concerned be informed accordingly"

- i. PP and all concerned were informed vide letter no. 3646 dtd. 16.07.2015
 - ii. PP has submitted the Hon'ble High Court Order for WP No. No.2084/2011 M/s Nirmala Minerals V/s State of M.P. & others dtd. 13.07.2015
 - iii. It is mentioned at point No. 10 of the court Order that "...keeping in view the above order Annexure P-24 dtd.26.11.2011 stands quashed. Consequently, opportunity is Granted to the petitioner that based on the directions already issued here in above, move on application before the State Govt. in respect to permit mining operation "
 - iv. PP requested to process the case
- (5) Thereafter, the case was discussed in 223rd SEIAA meeting dtd. 29.07.2015 and it was recorded that

"After detailed discussion, perusal of the recommendations of 82nd SEAC meeting dtd. 13.10.2011, SEIAA's 204th meeting dtd. 30.05.2015 and PP's letter dtd. 21.07.2015, Hon'ble High Court, Jabalpur disposing of W.P. No. 20824/2011 has quashed the Forest Department L.No. F-19-2/2005/10-3 dtd. 26.11.2011. The PP has been directed to move an application before the State Govt. in respect of permitting the mining operation. On the basis of this order, SEIAA has reviewed the judgment and decided to relist the case. Letter should be written to Principal Secretary, Forest Department, Secretary, Mineral Resources Department and Collector, Jabalpur enclosing the copy of the judgment asking them for an appropriate action in this regard. Copy to PP."

- (6) The case was again discussed in 359th SEIAA meeting dtd. 10.08.2016

"This case was discussed in 223rd SEIAA meeting dtd. 29.07.2015 and it was recorded that :-

"After detailed discussion, perusal of the recommendations of 82nd SEAC meeting dtd. 13.10.2011, SEIAA's 204th meeting dtd. 30.05.2015 and PP's letter dtd. 21.07.2015, Hon'ble High Court, Jabalpur disposing of W.P. No. 20824/2011 has quashed the Forest Department L.No. F-19-2/2005/10-3 dtd. 26.11.2011. The PP has been directed to move an application before the State Govt. in respect of permitting the mining operation. On the basis of this order, SEIAA has reviewed the judgment and decided to relist the case. Letter should be written to Principal Secretary, Forest Department, Secretary, Mineral Resources Department and Collector, Jabalpur enclosing the copy of the judgment asking them for an appropriate action in this regard. Copy to PP"

- (7) PP has now submitted the following information:

- i. Copy of the Order No. F-5-2/2002/10-3 dtd 26.10.2016 of Mineral Resource Department, Government of M.P. regarding the declaration of Khasra No. 680 old (1093 New) of 20.141 ha at Village - Agaria Tehsil- Sihora District - Jabalpur as revenue land.
- ii. Copy of the lease agreement between PP and State of MP in which the mining lease has been extended upto 05.03.2037.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman

Minutes of the 421st Meeting of SEIAA dated. 10.04.2017

- (8) Thereafter, the case was again discussed in 381st SEIAA Meeting dtd. 04.11.2016 and PP/Consultant was invited for presentation. PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (9) The proposed plantation program was examined and it was found that 39400 trees shall be planted covering an area of 19.911 ha under plantation.
- (10) It was noted that the water requirement is 11M³/day (5 M³/day - Dust Suppression + 2 M³/day - Green Belt + 4 M³/day – Domestic use), which shall be met by mine sump and groundwater.
- (11) It was noted that the PP has provided the water quality analysis report of Agaria village and found that all parameters are falling under permissible limit.
- (12) The water table varies from 36 m. to 45 m. below ground level in the area around Gram Panchayat Agariya in Tehsil Sihora of Jabalpur district as reported by Sub Engineer, PHE Sub Division Sihora.
- (13) The public hearing was carried out on 02.09.2009 at mine site, Village – Agaria, Tehsil - Sihora District - Jabalpur (MP). Those present have submitted their complaints/suggestions which are reproduced as under :
- Employment should be given to the local villagers.
 - A bypass road should be constructed to avoid Agariya Village.
 - PP should contribute to the religious and social works in the village.
 - Continuous sprinkling of water should be done during the mining/transportation operation.
 - There is a possibility of reduction in the water table and its quality.
 - Adverse impact on the nearby agriculture fields due to mining/transportation operation.
- (14) After deliberation it was observed that the ground water table near the mine site is unclear from the references given in the EIA report (pg 285) and the ground water level indicated in the letter of Sub Engineer, PHE Sub Division Sihora. PP may be asked to submit the ground water table details from the Central Ground Water Board pertaining to the mine site latest by 10.01.2017.

The case was discussed in 399th SEIAA meeting dtd. 09.01.2017 and it was recorded that :-

The case was discussed in 393rd SEIAA meeting dtd. 07.12.2016 and it was recorded that :-

"After deliberation it was observed that the ground water table near the mine site is unclear from the references given in the EIA report (pg 285) and the ground water level indicated in the letter of Sub Engineer, PHE Sub Division Sihora. PP may be asked to submit the ground water table details from the Central Ground Water Board pertaining to the mine site latest by 10.01.2017."

PP has submitted the information regarding ground water table from Ground Water Survey, Jabalpur, the same may be got verified from Central Ground Water Board. Copy to PP.

The case was discussed in 411th SEIAA meeting dtd. 25.02.2017 and it was recorded that :-


"The case was discussed in 399th SEIAA meeting dtd. 09.01.2017 and it was recorded that :-

.....PP has submitted the information regarding ground water table from Ground Water Survey, Jabalpur, the same may be got verified from Central Ground Water Board. Copy to PP.


PP has submitted a report of the Central Ground Water Board for Jabalpur District (2013) and mentioned that no specific report for agariya village is available. SEIAA has a copy of the Central Ground Water Board "STATUS OF GROUND WATER LEVELS IN MADHYA PRADESH DURING MAY 2015" which has also covered Jabalpur District. In the report it is mentioned that CGWB has monitored 38 sample points of Jabalpur District and concluded the prevailing below ground water level. PP should submit based on the above report the prevailing ground water level of the nearest monitoring station to Agariya village.



(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman

PP has submitted letter dated 29.03.2017 of Gram Panchayat Agariya giving water level of existing bore wells of Agariya Village vide letter dated 03.04.2017. The ground water level varies from 41.93 m. to 53.22 m. in existing bore wells of Farmers in Agariya Village.

PP has reported vide letter dated 3.4.17 that the highest elevation of the lease area varies from 420 m above MSL to 398 m above MSL. There are two quarries in the mining lease area in which working has been done upto 390 m above MSL. PP has proposed to do working upto 380 m above MSL i.e 18 m below the lowest level in the mining lease area.

In the 393rd SEIAA meeting dtd. 07.12.2016, inadvertently it was reported that the forest boundary is more than 250 m. from the mining lease area. However after cross verification, it was found incorrect and therefore should be deleted from the minutes of the 393rd SEIAA meeting.

After detailed discussions and perusal of recommendations of 82th SEAC Meeting dtd. 13.10.2011, presentation made by the PP in SEIAA & SEAC, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**

- I. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
- II. During the first year, three row plantation in the buffer zone (7.5 M) will be carried out in the entire periphery of the lease area and additional thick plantation to be taken up towards habitation site in north and north east side. 5000 trees (3 years old) should be planted in the first year with proper watering arrangement. PP should ensure plantation of native species like Mahua, Khamar, Neem, Bemboo, Saja, Tendu, Kachnar, Khair, Bel, Imlī, Karrange, Pipal and Mango. The cost per plant is reported by the PP to the Rs. 500/-, so a provision of 25 lakhs should be kept in the EMP for plantation and its upkeep.
- III. The PP shall demarcate a minimum buffer zone of 100 m from the periphery of the nearest human habitation and the existing canal in consultation with Revenue/WRD/Mining Department around the mining lease area and this will be treated as "no mining activity zone".
- IV. Before commencing the mining activity, site demarcation should be done leaving 250 m. from the forest boundary as a "no mining zone". This lease area should be thickly planted by native species. The demarcation should be done by the Revenue Officials in the presence of DFO, Jabalpur Forest Department and Mining Officer, Jabalpur.
- V. According to the report of CGWB in respect of Jabalpur District (STATUS OF GROUND WATER LEVELS IN MADHYA PRADESH DURING MAY 2015), the minimum and maximum ground water table has been indicated as 7 m. and 22 m. respectively. There is every likelihood that to achieve the ultimate depth as per the approved mining plan, the ground water table shall be intersected. PP should ensure that before commencement of mining operation below the ground water table, the approval of the Central Ground Water Board should be obtained. A copy of the Prior EC should also be addressed to Director,


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman

CGWB, Paryavas Bhavan Bhopal with copy to the Regional Officer, CGWB, Jabalpur for necessary action.

- VI. PP shall protect the existing trees within a lease area and no existing trees shall be cut.
- VII. Monthly air & water quality monitoring shall be carried out by PP in consultation with Regional Officer, MPPCB, Jabalpur.
- VIII. To protect the human habitation from dust emissions, the entire periphery from north to north east should have a solid curtaining of suitable material preferably steel sheets of 6 m. height.
- IX. Transportation of the material shall not be carried out through the village road instead Ghatsimariya by pass road shall be used for transportation of materials.
- X. PP shall strengthen and maintain the transportation road and also construct an additional 0.90 km Tar road from northern side of the lease area to Pratappur and Gosalpur road as committed during presentation. Tree plantation on both side of the proposed tar road should be undertaken. The cost of tar road @ 25 lakhs per km should be included in the EMP.
- XI. PP shall carry out the water quality analysis through authorised laboratory and if fluoride is found or any other content higher than the prescribed limit shall inform the PHE office immediately for taking further precautionary measures.
- XII. Water fogging arrangement on internal roads, loading and unloading and transfer point shall be provided and properly maintained.
- XIII. PP shall abide by all safety rules as prescribed by IBM and Industrial health and safety from time to time.
- XIV. In order to check siltation due to run off during incessant rains, check dams shall be constructed which will be de-silted after the rainy season.
- XV. Interim health check-up of mine workers shall be carried out in 15 days and PP shall also maintain proper record of the health check-up and submit the report to RO, MPPCB, Jabalpur.
- XVI. Groundwater monitoring within mine site in surrounding villages shall be carried out and report shall be submitted to RO, MPPCB and PHE every month.
- XVII. PP should construct garland drain in the entire periphery of the mining lease of size 2m x 1.5m alongwith the 04 settling tanks RCC/Masonry of size 20m x 6m x 3m around the pit area and mining lease boundary with a provision of mine sump of 10000 sq m area upto 03 m depth.
- XVIII. PP has informed during presentation that it is a zero discharge mine and about 1.0m³/ day of waste water will be generated from domestic use during mining operation and the generated domestic waste water shall be reused after proper treatment for plantation purposes. PP shall ensure the commitment carried out during the presentation.



(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman

- XIX. PP shall carry out the mining operations in such a way that a canal situated at 300 m in south direction and a perennial source of water supply is about 1.2 km from the proposed lease area shall not be contaminated.
- XX. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XXI. PP shall suitably modify budget for the activities to be carried out under EMP.
- XXII. The PP shall undertake the following activities in nearby villages on priority and made an appropriate budget provisions under the CSR for these activities:
- f) Sanitation activities including construction of toilets in consultation with village Panchayat.
 - g) Installation of rainwater harvesting structure.
 - h) Plantation of fruit bearing plants in nearby villages.
 - i) Providing pipeline for drinking water supply to Agaria Village.
- XXIII. CSR activities shall be finalised on the basis of the needs of nearby villages in consultation with Gram Panchayat and finalised by the Collector.

Hence, Prior Environmental Clearance is granted for **Agaria Iron ore mine** (Open cast Semi-mechanized Method) in an area of 20.141 ha for production capacity of 50000 TPA at Khasra No.1093 at Village - Agaria Tehsil- Sihora District - Jabalpur (M.P), **for the lease period** to M/s Nirmala Minerals, Pathak Ward P.O. Katni, District - Katni (MP) - 483501.

4. **Case No. -5184/16** Prior Environmental Clearance for Marble Waste Dump in an area of 8.80 ha. for production capacity of 60,390 cum/year at Khasra No.-1658, Village-Harduakalan, Tehsil-Majholi, District-Jabalpur (MP). By Shri Abhayjeet Saravgi, Partner, M/s Sihora Minerals, Ward No. 05, Sihora, District-Jabalpur (MP)-483225.

The case was discussed in 389th SEIAA meeting dtd. 29.11.2016 and it was recorded that ...

This case was discussed in 59th SEAC-II meeting dated 11-11-16 and it was recorded that :-

"The committee after deliberations on the basis of above observations recommends that:

(1) As informed by the Asstt. Mining Officer vide letter dated 16/09/2016 that marble waste dumps has not been backfilled by the previous mine lease holder and the mine closer plan has not been implemented by the lease holder for which suitable action should be initiated by the competent authority as per the provisions laid down in the "Marble Development and Conservation Rules, 2002 subrule 27 (2) and 41 alongwith the M. P. Minor Minerals Rules, 1996 subrule 42 (6).

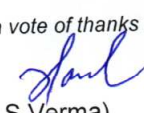
(2) Since it is already mine out mineral wherein no mining will be carriedout by the PP and only removal of waste dump through excavator and transportation by Hyva (40 tonner) is proposed as per the mine plan submitted by PP, the activity "transportation of waste dump" does not falls under the jurisdiction of schedule "I(a) - Mining of Minerals" of EIA Notification, 2006.

This case was discussed and it was decided to forward the case to Director, Geology and Mining with the observation that transportation of mined out material doesn't fall in the preview of the EIA Notification 2006, however, this material left by the previous lease holder should have been used for back filling as per the closure plan which is part of the approved mining plan. How the competent authority approving the mining plan has suggested for transportation of material for other uses and not implemented the closure plan ?

Director, Geology and Mining, GoMP has submitted the reply on 28.03.2017 and enclosed the copy of the Mining Officer, Jabalpur. We agree with the recommendation of SEAC and it was decided to close the case in the light of the observation given by SEAC in their 59th meeting dtd 11.11.2016. Copy to PP and all concerned.

Meeting ended with a vote of thanks to the Chair.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman