

Minutes of 830th SEAC-1 Meeting Dated 07/02/2024

The 830th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 07/02/2024. Following members participated in the meeting:

- | | | |
|----|----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (through VC) |
| 3. | Dr. Ratan Kar, | Member, SEAC-1 |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 (through VC) |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 (through VC) |
| 6. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 830th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director, Directorate of Environment.

1. “Building Stone (Sand Stone)” Project at Gata No.- 428, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Shri Harilal Prajapati, Area : 1.01 ha., 8613/SIA/UP/MIN/456356/2023

RESOLUTION AGAINST AGENDA NO. 01

The Secretariat informed the committee that Hon’ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. In compliance of above Hon’ble NGT order MoEFCC, Govt. of India vide Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

The committee noted that Ministry of Environment, Forests and Climate Change, Govt. of India issued an office memorandum no. IA-22/01/2021-IA-III-Part(1), dated 15/01/2024 through which they have prescribed detailed Standard Operating Procedure (SOP) for dealing/re-appraisal of Mining Proposals covered Under Ministry OM dated 28/04/2023 wherein:

“...
4.

Workflow to re-appraise such mining applications has been developed and rolled out on Parivesh Portal in accordance with the procedure outlined in Ministry’s OM dated 24/04/2023. Henceforth, all such EC proposals shall be dealt in Parivesh Portal only. DC office shall scan all the EC files and upload on the Parivesh Portal, through their respective logins, for further consideration by the SEIAA.

5. On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, project proponent will be informed through email to submit Form 2, duly mentioning the unique intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and project proponent) is given in the annexure.”

The committee has gone through the Standard Operating Procedure (SOP) prescribed by MoEFCC and directed the project proponent to submit the above project proposal for re-appraisal as per procedure laid down in OM dated 15/01/2024.

2. Gitti/Boulder (Dolo Stone) Mining project of at Arazi No.- 3575, Hal No.- 7347Ka, Village-Billi Markundi, Tehsil- Robertsganj, District- Sonbhadra, Shri Santosh Kumar Singh & Shri Vijay Bahadur Singh, Area: 0.890 ha, M/s Shahpur Stone Works., 8629/SIA/UP/MIN/456835/2023

RESOLUTION AGAINST AGENDA NO. 02

The Secretariat informed the committee that Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. In compliance of above Hon'ble NGT order MoEFCC, Govt. of India vide Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

The committee noted that Ministry of Environment, Forests and Climate Change, Govt. of India issued an office memorandum no. IA-22/01/2021-IA-III-Part(1), dated 15/01/2024 through which they have prescribed detailed Standard Operating Procedure (SOP) for dealing/re-appraisal of Mining Proposals covered Under Ministry OM dated 28/04/2023 wherein:

“... ”

4. *Workflow to re-appraise such mining applications has been developed and rolled out on Parivesh Portal in accordance with the procedure outlined in Ministry's OM dated 24/04/2023. Henceforth, all such EC proposals shall be dealt in Parivesh Portal only. DC office shall scan all the EC files and upload on the Parivesh Portal, through their respective logins, for further consideration by the SEIAA.*
5. *On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, project proponent will be informed through email to submit Form 2, duly mentioning the unique intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and project proponent) is given in the annexure.”*

The committee has gone through the Standard Operating Procedure (SOP) prescribed by MoEFCC and directed the project proponent to submit the above project proposal for re-appraisal as per procedure laid down in OM dated 15/01/2024.

3. “Morrum Mining Project” on the riverbed of River Betwa at Khand No. 25/22, Village-Ichchaura Jhitkari, Tehsil- Sarila & District- Hamirpur, Shri Rasmeet Singh Malhotra, Area 17.835 ha., 8631/SIA/UP/MIN/456462/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Sand/Morrum Mine” from Riverbed of Bet wa River from Khand No.- 25/22, Village- Ichchaura Jhitkari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, Project Proponent- M/s R.S.H.S.M. Commerce Pvt. Ltd., (Applied Area- 17.835 ha.)
2. Salient features of the project as submitted by the project proponent:

| | | |
|----|--|--|
| 2. | On-line proposal No. | SIA/UP/MIN/456462/2023 |
| 3. | File No. allotted by SEIAA, UP | 8631 |
| 4. | Name of Proponent | M/s R.S.H.S.M. Commerce Pvt. Ltd. (Shri Rasmeet Singh Malhotra) |
| 5. | Full correspondence address of proponent | R/o- Near Alka Talkies, Nehru Ward, Pipariya, Hoshangabad, M.P. E-mail Id- rshsmcommercepl1001@gmail.com |
| 6. | Name of Project | “Sand/Morrum Mine” from Riverbed of Betwa River, |

| | | | | |
|-----|---|--|---------------|-------------------|
| | | Village- Ichchaura Jhitkari, Khand No. 25/22, Area-17.835 Ha., Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, Project Proponent- M/s R.S.H.S.M. Commerce Pvt. Ltd. (Shri Rasmeet Singh Malhotra) | | |
| 7. | Project Location (Plot/Khasra/Gata No.) | Khand No. 25/22, Village- Ichchaura Jhitkari, Tehsil- Sarila, District - Hamirpur, Uttar Pradesh | | |
| 8. | Name of Village | Ichchaura Jhitkari | | |
| 9. | Tehsil | Sarila | | |
| 10. | District | Hamirpur | | |
| 11. | Name of Minor Mineral | Sand/Morrum | | |
| 12. | Sanctioned Lease Area (in Ha.) | 17.835 ha. | | |
| 13. | Max. & Min mRL within lease area | Highest mRL is 130.0 & Lowest is 128.0 mRL | | |
| 14. | Pillar Coordinates (Verified by DMO) | Coordinates of the sanctioned lease area- | | |
| | | PILLAR | LATITUDE | LONGITUDE |
| | | A | 25°53'32.65"N | 79°32'44.04"E |
| | | B | 25°53'21.39"N | 79°32'41.20"E |
| | | C | 25°53'15.69"N | 79°32'57.36"E |
| | D | 25°53'26.13"N | 79°33'1.92"E | |
| 15. | Total Geological Reserves | 4,47,028 cum | | |
| 16. | Total Mineable Reserves | 2,85,325 cum | | |
| 17. | Total Proposed Production (in five year) | 14,26,625 m ³ (in 5 years) | | |
| 18. | Proposed Production/year | 2,85,325 m ³ /year | | |
| 19. | Sanctioned Period of Mine lease | 5 years | | |
| 20. | No. of workers | 78 | | |
| 21. | Type of Land | Govt. Revenue land | | |
| 22. | Ultimate depth of Mining | 3.0 m | | |
| 23. | Nearest metalled road from site | 4.2 km | | |
| 24. | Water Requirement | PURPOSE | | REQUIREMENT (KLD) |
| | | Drinking | | 0.78 KLD |
| | | Suppression of dust | | 6.20 KLD |
| | | Plantation | | 0.80 KLD |
| | | Others (if any) | | - |
| | | Total | | 7.78 KLD |
| 25. | Name of QCI Accredited Consultant with QCI No and period of validity. | AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025 | | |
| 26. | Any litigation pending against the project or land in any court | No | | |
| 27. | Details of 500 m Cluster Certificate verified by Mining Officer | vide letter no. 769/khanij-M.M.C.-tees-vividh (2023-24) Dated on 26.08.2023 | | |
| 28. | Details of Lease Area in approved DSR | Mentioned in Approved DSR at page no. 66, Sl. No. 42 | | |
| 29. | Proposed EMP cost | EMP cost- Rs.12.0 lakhs as Capital Cost and Rs.10.0 lakhs as Recurring Cost | | |
| 30. | Length & breadth of Haul Road | 1300m & 6m | | |
| 31. | No. of Trees to be Planted | 400 | | |
| 32. | Monitoring Period | March to May 2023 (Baseline Data Available) | | |

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 05/02/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR application report for the “Sand/Morrum Mine” from Riverbed of Betwa River from Khand No.- 25/22, Village- Ichchaura Jhikari, Tehsil- Sarila, District- Hamirpur, Uttar Pradesh, Project Proponent- M/s R.S.H.S.M. Commerce Pvt. Ltd., (Applied Area- 17.835 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on PARIVESH Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on PARIVESH Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. The project proponent should submit the consent on original notarized affidavit from Shri Tejinder Pal Singh, lease holder of Khand no. 25/21, Village-Ichora Jhikari, Tehsil-Sarila, District-Hamirpur, U.P. regarding use of baseline monitoring data for the period of March to May, 2023 for the preparation of EIA report for the proposed project.
2. Approved DSR from competent authority should be uploaded at the time of EIA submission.
3. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
4. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
5. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
6. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
7. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
8. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
9. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP and UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
10. The details of equipment used for baseline monitoring along with its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
11. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.

12. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 13. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 14. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 15. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 16. Proposed plantation working with area specific plant species, number of plants to be planted and place of plantation along with a proper working map to be submitted at the time of EIA presentation.
 17. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 18. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/ suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 19. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 20. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.
4. **(Gitti, Boulders) Mining Project at Arajai No- 4509 ऋ, 4510 ऋ, 4581, 4598, 4604 & 4605, Village-Billimarkundi, Tehsil- Robertsganj District-Sonbhadra, Shri Rajesh Kumar Dubey, Area-1.21 Ha., 8633/SIA/UP/MIN/457098/2023**

RESOLUTION AGAINST AGENDA NO. 04

The Secretariat informed the committee that Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. In compliance of above Hon'ble NGT order MoEFCC, Govt. of India vide Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

The committee noted that Ministry of Environment, Forests and Climate Change, Govt. of India issued an office memorandum no. IA-22/01/2021-IA-III-Part(1), dated 15/01/2024 through which they have prescribed detailed Standard Operating Procedure (SOP) for dealing/re-appraisal of Mining Proposals covered Under Ministry OM dated 28/04/2023 wherein:

- “...
4. *Workflow to re-appraise such mining applications has been developed and rolled out on Parivesh Portal in accordance with the procedure outlined in Ministry's OM dated 24/04/2023. Henceforth, all such EC proposals shall be dealt in Parivesh Portal only. DC office shall scan all the EC files and upload on the Parivesh Portal, through their respective logins, for further consideration by the SEIAA.*
5. *On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, project proponent will be informed through email to submit Form 2, duly mentioning the unique intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and project proponent) is given in the annexure.”*

The committee has gone through the Standard Operating Procedure (SOP) prescribed by MoEFCC and directed the project proponent to submit the above project proposal for re-appraisal as per procedure laid down in OM dated 15/01/2024.

5. “Building Stone (Sand Stone)” Project at Gata No.- 428 (S. No.- 29), Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Shri Prem Shankar Singh Area : 0.809 ha., 8639/SIA/UP/MIN/457222/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Sand Stone) Mining at Gata No.- 428 (S. No.- 29), Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P. (Applied Area- 0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

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|-----|---|--|-------------------|-----------------|
| 1. | On-line proposal No. | SIA/UP/MIN/457222/2023 | | |
| 2. | File No. allotted by SEIAA, UP | 8639 | | |
| 3. | Name of Proponent | Shri Prem Shankar Singh S/o Shri Sharda Prasad Singh | | |
| 4. | Full correspondence address of proponent | R/o- D-64/29 HIA Bank Colony, Sigra, Distt.-Varanasi, U.P. | | |
| 5. | Name of Project | Building Stone (Sand Stone) Mining Project | | |
| 6. | Project location (Plot/ Khasra /Gata No.) | Gata No.- 428 (S. No.- 29) | | |
| 7. | Name of Village | Dhuria | | |
| 8. | Tehsil | Chunar | | |
| 9. | District | Mirzapur | | |
| 10. | Name of Minor Mineral | Building Stone (Sand Stone) | | |
| 11. | Sanctioned Lease Area (in Ha.) | 0.809 ha. | | |
| 12. | Max.& Min mRL within lease area | 135 mRL- 130 mRL | | |
| 13. | Pillar Coordinates (Verified by DMO) | Pillars | Latitude (N) | Longitude (E) |
| | | A | 25° 02' 15.13"N | 83° 03' 03.58"E |
| | | B | 25° 02' 17.23"N | 83° 03' 07.85"E |
| | | C | 25° 02' 16.40"N | 83° 03' 08.91"E |
| | | D | 25° 02' 13.09"N | 83° 03' 06.27"E |
| 14. | Total Geological Reserves | 614925 m ³ | | |
| 15. | Total Mineable Reserves | 127914 m ³ | | |
| 16. | Total Proposed Production (in five year) | 121350 m ³ | | |
| 17. | Proposed Production / year | 24270 m ³ | | |
| 18. | Sanctioned Period of Mine lease | 10 Years | | |
| 19. | Method of Mining | Opencast Semi-Mechanized | | |
| 20. | No.Of workers | 36 (approx.) | | |
| 21. | Type of Land | Govt. revenue land | | |
| 22. | Ultimate Depth of Mining | 18 meter (average) | | |
| 23. | Nearest metalled road from site | 300m | | |
| 24. | Water Requirement | PURPOSE | REQUIREMENT (KLD) | |
| | | Drinking & Others | 0.40 | |
| | | Suppression of dust | 1.80 | |
| | | Plantation | 1.00 | |
| | | Total | 3.20 | |
| 25. | Name of QCI Accredited Consultant with QCI No and period of validity. | M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity- 01/05/2024 | | |
| 26. | Any litigation pending against the project or land in any court | No | | |
| 27. | Details of 500 m Cluster certificate Verified by Mining Officer | DMO (Khanan Anubhag), Mirzapur vide Letter No. 5301/MMC-30/2023-24, Dated- 26.07.2023 | | |
| 28. | Details of Lease Area in approved DSR | Page No.-48 | | |
| 29. | Proposed CER cost | 1.35 Lakh | | |
| 30. | Proposed EMP cost | EMP in First Year - 11.45 Lakh | | |

| | | |
|-----|----------------------------------|--------------------------------------|
| | | EMP (Recurring Years) – 7.0 Lakh |
| 31. | Length and breadth of Haul Road. | Length- 300m, Width- more than 6.0 m |
| 32. | No. of Trees to be Planted | 1000 |
| 33. | Monitoring Period | Dec., 2023 to Feb., 2024 |

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 22/12/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of Shri Prem Shankar Singh S/o Shri Sharda Prasad Singh for the Proposed “Building Stone (Sand Stone)” Project at Gata No.- 428 (S. No.- 29), Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P. (Applied Area : 0.809 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with ToR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The ToR application for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Approved DSR from competent authority should be uploaded at the time of EIA submission.
2. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
4. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.

5. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
 6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 7. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
 8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
 12. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
 13. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
 14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
 15. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
 16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 17. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
6. **“Building Stone (Khanda, Gitti & Boulder)” Project at Gata No.- 2101/2 Khand No.- 02(New), Village- Sijahri, Tehsil- Mahoba, District- Mahoba, Shri Mohammad Noman, Area : 1.214 ha., 8641/SIA/UP/MIN/457248/2023**

RESOLUTION AGAINST AGENDA NO. 06

The Secretariat informed the committee that Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. In compliance of above Hon'ble NGT order MoEFCC, Govt. of India vide Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

The committee noted that Ministry of Environment, Forests and Climate Change, Govt. of India issued an office memorandum no. IA-22/01/2021-IA-III-Part(1), dated 15/01/2024 through which they have prescribed detailed Standard Operating Procedure (SOP) for dealing/re-appraisal of Mining Proposals covered Under Ministry OM dated 28/04/2023 wherein:

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4. *Workflow to re-appraise such mining applications has been developed and rolled out on Parivesh Portal in accordance with the procedure outlined in Ministry's OM dated 24/04/2023. Henceforth, all such EC proposals shall be dealt in Parivesh Portal only. DC office shall scan all the EC files and upload on the Parivesh Portal, through their respective*

logins, for further consideration by the SEIAA.

5. *On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, project proponent will be informed through email to submit Form 2, duly mentioning the unique intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and project proponent) is given in the annexure.”*

The committed has gone through the Standard Operating Procedure (SOP) prescribed by MoEFCC and directed the project proponent to submit the above project proposal for re-appraisal as per procedure laid down in OM dated 15/01/2024.

7. “Silica Sand Mine” at Araj No./Plot No./Gata No.- part of 207 and part of 56, at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Smt. Santoshi Singh, M/s Maa Pitambara Traders, Area 23.50 ha., 8373/7130/SIA/UP/MIN/449420/2023

The Secretariat informed the committee that the matter was earlier discussed in 810th SEAC meeting dated 20/11/2023 and decided is as follows:

“During the presentation the committee observed that the project proponent/consultant has not complied additional TOR points no. 1 “Since no intimation has been submitted regarding available monitoring data, hence data will be collected after issuance of ToR.” mentioned in terms of reference letter.

The committee directed the project proponent to comply the above ToR condition for further consideration of the matter. The matter will be discussed after submission of above information on prescribed portal.”

The project proponent submitted their replies through online Parivesh Portal through which they have submitted is as follows:

- *3 month baseline monitoring data and results (March 2022 to May 2022) are being utilizing from the EIA Reports from “Silica Sand Mine” at Gata/Araji/Bhukhand no. –part of 136, Area – 17.00 ha at village-Dhara, Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company., File No. 7105,*
- *We have received consent from M/s Vindh Construction Company, Adhya Prasad Mishra (proponent) to utilize their 3 month baseline data for our proposed “Silica Sand Mine” at Araj No./Plot No./Gata No.- part of 207 and part of 56, Area 23.50 ha at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders. (Copy attached on next slide)*
- *Both leases are adjacent to each other. (map attached on next slide)*
- *3 month baseline monitoring data has already been collected for Pre - monsoon Season (March 2022 to May 2022) and also intimate by M/s Vindh Construction Company to the concern authority for same.*
- *However, as per the MoEF&CC OM dated 08.06.2022 i.e. point 6 (i) “Baseline data used for preparation of EIA/EMP reports may be collected at any stage of the EC process or even before the grant of ToR”*

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Silica Sand Mine” at Gata No./Bhukhand no.- part of 207 and part of 56, at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders. (Leased Area- 23.50 ha.).

2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 409/Parya/SEIAA/7130/2022 dated 18/04/2023.
3. The Public Hearing was organized on 25/08/2023. Final EIA report submitted by the project proponent on 18/10/2023.
4. Salient features of the project as submitted by the project proponent:

| 1. | On-line proposal No. | New Proposal No. SIA/UP/MIN/449420/2023 Old Proposal No. SIA/UP/MIN/77695/2022 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|--|-------|----------|-----------|---|---------------|---------------|---|---------------|---------------|---|---------------|---------------|---|---------------|--------------|---|---------------|--------------|---|---------------|--------------|---|--------------|--------------|---|---------------|---------------|
| 2. | File No. allotted by SEIAA, UP | 8373/7130 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Name of Proponent | M/s Maa Pitambara Traders Smt. Santoshi Singh (prop.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | Full correspondence address of proponent and mobile no. | W/o Shri Deepak Kumar Singh R/o – 12 Hanumanbag Colony, Mumfordganj Tehsil – Sadar, District – Prayagraj, UP Mobile no. – E mail ID - khushidksingh@gmail.com | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | Name of Project | Environment clearance of proposed “Silica Sand Mine” at Gata No./Bhukhand no.- part of 207 and part of 56, Area 23.50 ha at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | Project Location (Plot. Khasra/Gata No.) | Gata No./Bhukhand no.- part of 207 and part of 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | Name of Village | Bankipur | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | Tehsil | Bara | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. | District | Prayagraj | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. | Name of Minor Mineral | “Silica Sand Mine” | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. | Sanctioned Lease Area (in Ha.) | 23.50 ha | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | Max. & Min mRL within lease area | Highest mRL - 119.60 mRL Lowest mRL- 101.10 mRL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | Pillar Coordinates (Verified by DMO) | <table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°16'59.10"N</td><td>81°39'46.83"E</td></tr> <tr> <td>B</td><td>25°17'14.81"N</td><td>81°39'50.00"E</td></tr> <tr> <td>C</td><td>25°17'21.71"N</td><td>81°39'58.83"E</td></tr> <tr> <td>D</td><td>25°17'20.44"N</td><td>81°40'3.95"E</td></tr> <tr> <td>E</td><td>25°17'17.81"N</td><td>81°40'2.59"E</td></tr> <tr> <td>F</td><td>25°17'13.91"N</td><td>81°40'6.64"E</td></tr> <tr> <td>G</td><td>25°17'6.42"N</td><td>81°40'3.34"E</td></tr> <tr> <td>H</td><td>25°16'59.86"N</td><td>81°39'54.14"E</td></tr> </tbody> </table> | Point | Latitude | Longitude | A | 25°16'59.10"N | 81°39'46.83"E | B | 25°17'14.81"N | 81°39'50.00"E | C | 25°17'21.71"N | 81°39'58.83"E | D | 25°17'20.44"N | 81°40'3.95"E | E | 25°17'17.81"N | 81°40'2.59"E | F | 25°17'13.91"N | 81°40'6.64"E | G | 25°17'6.42"N | 81°40'3.34"E | H | 25°16'59.86"N | 81°39'54.14"E |
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| G | 25°17'6.42"N | 81°40'3.34"E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | 25°16'59.86"N | 81°39'54.14"E | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. | Total Geological Reserves | Silica sand – 67,89,141 m ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. | Total Mineable Reserve | Silica sand – 59,29,140 m ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. | Total Proposed Production (in five year) | Silica sand – 3,67,960 m ³ (5 years) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | Proposed Production /year (as per LoI) | Silica sand – 73,592 m ³ /annum | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. | Sanctioned Period of Mine lease | Plan Period 5 years | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19. | No. of workers | 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. | Type of Land | Govt./Non Forest Land | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21. | Ultimate Depth of Mining | 20.00 m (5 years) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. | Nearest metalled road from site | 0.10 km | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. | Water Requirement | PURPOSE Drinking - 1.17 KLD Suppression of dust - 1.20 KLD Plantation - 24.00 KLD Others (if any) - 0.00 KLD Total ~ 26.00 KLD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. | Name of QCI Accredited Consultant with QCI No and period of validity. | Paramarsh Servicing Environment and Development NABET/EIA/2124 RA 0224, Valid till –01 May 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25. | Any litigation pending against the project or land in any court | No | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26. | Details of 500 m Cluster Certificate verified by Mining Officer | Letter No –4896/Khanij/2021-22, dated - 04/02/2022 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----|---------------------------------------|------------------------------------|
| 27. | Details of Lease Area in approved DSR | Serial no.04, on dt. 01/04/2021 |
| 28. | Proposed EMP cost | EMP cost- 27.56 Lacs |
| 29. | Length and breadth of Haul Road | Length – 0.10 km, breadth – 6.00 m |
| 30. | No. of Trees to be Planted | 24,000 |
| 31. | Monitoring Period | March 2022 to May 2022 |

5. Action Plan as per Ministry's O.M. dated 30/09/2020:

| S. No. | CER/EMP Activity | 1st Year | 2nd Year | 3rd Year | 4th Year | 5th Year |
|--------|--|--------------|-------------|--------------|-----------|---------------|
| 1 | Skill Development (Carpentry, Welding, Masonry works, plumbing, Tailoring etc.) for the local comm-unity will be conducted | Rs.25,000.00 | | | | Rs.25,000.00 |
| 2 | Solar street light (12 @ Rs 8000/pc) | 40,000.00 | | Rs.30,000.00 | | Rs.30,000.00 |
| 3 | Books/sports goods for primary school of village – Bankipur and nearby villages | | 15,000.00 | | | Rs. 15,000.00 |
| 4 | Health check-up camp | 20,000.00 | 20,000.00 | 20,000.00 | 20,000.00 | 20,000.00 |
| 5 | 2 hand-pump will be installed in Bankipur villages. | | 1,00,000.00 | | | |

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 18/11/2023 mentioning is as follows:

- I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared EIA/EMP report for the Environment clearance of proposed “Silica Sand Mine” at Gata No./Bhukhand no.- part of 207 and part of 56, Area 23.50 ha at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders Smt. Santoshi Singh (prop.), New Proposal No. SIA/UP/MIN/449420/2023 Old Proposal No. SIA/UP/MIN/77695/2022 with my team.
- I have personally visited the proposed site along with team and certify that no mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
- I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
- The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 07

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes. The committee also stipulated the following additional conditions:

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

8. Surrendering of Environmental Clearance for individual unit 'One World Belvedere I' within Integrated Township "One World" at Baghmau Village, Lucknow (U.P.)

RESOLUTION AGAINST AGENDA NO. 08

The committee has gone through the letter submitted by the project proponent and opined that the project proponent should present before the SEAC-1 and explain about their request for surrendering of environmental clearance with complete facts.

9. Surrendering of Environmental Clearance for 'One World Shalimar Vista II' within Integrated Township "One World" at Baghman Village, Lucknow, (U.P.)

RESOLUTION AGAINST AGENDA NO. 09

The committee has gone through the letter submitted by the project proponent and opined that the project proponent should present before the SEAC-1 and explain about their request for surrendering of environmental clearance with complete facts.

10. Surrendering of Environmental Clearance 'First Core Tertiary Care Hospital', in "One World" at Baghman Village, Lucknow, (U.P.)

RESOLUTION AGAINST AGENDA NO. 10

The committee has gone through the letter submitted by the project proponent and opined that the project proponent should present before the SEAC-1 and explain about their request for surrendering of environmental clearance with complete facts.

11. नगर पालिका परिषद सिकन्दराराऊ, जनपद- हाथरस में राज्य सैक्टर कार्यक्रम के (पेयजल व्यवस्था) योजना के अन्तर्गत स्वीकृत हुये कार्यों के कराये जाने हेतु पर्यावरणीय क्लियरिन्स के सम्बन्ध में।

RESOLUTION AGAINST AGENDA NO. 11

The committee has gone through the letter submitted by the project proponent and opined that the project proponent should present before the SEAC-1 and explain about their request for grant of environmental clearance for the above proposed work.

12. नगर पालिका परिषद हाथरस, जनपद- हाथरस में राज्य कार्यक्रम के (सीवेरेज एवं जल निकासी) योजना के अन्तर्गत स्वीकृत हुये कार्यों के कराये जाने हेतु पर्यावरणीय क्लियरिन्स के सम्बन्ध में।

RESOLUTION AGAINST AGENDA NO. 12

The committee has gone through the letter submitted by the project proponent and opined that the project proponent should present before the SEAC-1 and explain about their request for grant of environmental clearance for the above proposed work.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Dr. Ajai Mishra)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 during the meeting.

Annexure-1

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

- 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 in Survey of India Toposheet in 1:50,000 scale indicating 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) 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.
- 21) 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.
- 22) Air quality modeling 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 modeling 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.
- 23) 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.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) 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.
- 29) 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.

- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) 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.
- 36) 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.
- 37) 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.
- 38) 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.
- 39) 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.
- 40) 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.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) 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.
- 45) 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.